

1.4 1± ± , ì ÷ 1nΠ ~ √ ± ^ - 1 Ó - 1 - id , - √ √ 0 Ó - 1 ± ± , ì ÷ 1nΠ ~ √ ± ^ - 1 Ó - 1 ? ≈ √ Å , ± ± Ú Ç ð Lø flj , ± ± Ú ... ' Ô « Ó -
ë √ √ 0 Ó - 1 √ ± , í - ≈ √ flj Å > ~ √ ± ^ - 1 Ó - 1 - Û ± Ó - Ó - Å √ √ - ï U Å Ó - ± √ √ 0 Ó - 1 √ ± , 1 Ç , ± ± Ó , ø ij ø Ó - Δ √ √ Å Å √
Ç , Å , ~ √ ± ^ - 1 Ó - flj Ò ± Ó « Å Ó - è √ √ 0 Ó - 1 √ ± , í - ≈ √ - Û ± 0 1 ± ± Ú √ √ Å Ó - , 1 ± ± , ì Ó - ± Å flj È - ± - ï ç 1 Q 1
flj ± ø √ √ Ú ç Å flj Δ 1 ø % - Ó - Ç √ √ ± ± ± - ï ± Å - ï ø - Π , - ï d 1 , - √ √ 0 Ó - 1 ± 1 n Π flj ± - ... , Ó - ± - Û 0 1 ? √ 0 Û √ √ , ° ø flj ç
~ √ ± ^ - 1 Ó - flj ± 1 n Π - Û ± G ± 1 , 1 n Π ± flj ~ √ √ - ï ± Å - ï ø - Π , - ï d 1 , - √ √ 0 Ó - 1 Û 0 1 ? √ 0 Û √ √ , ° ø flj ç
~ √ ± ^ - 1 Ó - flj ± 1 n Π - Û ± G ± 1 , 1 n Π ± flj ~ √ √ - ï ± Å - ï ø flj è ~ √ ± ^ - 1 Ó - ç , ± ± X í - ï ± , - , ± ± Ó - ' Û ± ø á - Ó - Δ √ √ Å Å √
- Û - ï 1 ø ð ± f Å È √ ... ± ø Ó - Π - Û ± 1 1 - Û 0 1 ± - Û 0 1 ± ± g ± 1 Ó Ó - ? √ ± Ú ç è ð L Ú È √ ± ø Ó - , ~ Å √ √ ± ø √ √ Ó - ± Ó - , ~ Å - ï Ó -
Δ √ √ Å Å √ Ç , √ √ 0 - ï ± flj 1 , - ± ... flj Ó ± Ì - ï - Û flj Ó ± , ± ± ... ± Ú ± ø ? √ ~ √ ± ^ - 1 Ó - Ó - , ø i ß ø - ï 0 Û Δ √ √ Å Å √ Ç , √ √ flj ± 1 Å Ì
1 ± ± , ì Ó - ï d , - √ √ 0 Ó - ø ? √ Å 1 - Û 0 1 ? √ 0 Û √ √ , ~ √ ± ^ - 1 Ó - Ó - Ó - ± 1 ^ ± ± ' Û ± " - Ó - " √ √ , ° Ó - ± Ó - Ç - Û ± ± ±
flj ± ø √ √ Ú ç , ~ √ √ 1 ± È √ Ó - , È √ ± Ó - ç , Q , - ï Ì Û ± 1 , ± ± Û ± - Û ± Ó - ± 1 n Π - Û X ø Ó - . Ó - ø - ï Û ... ± , 1 ^ ± ± - Û 0 1 ? √ 0 Û
~ √ √ , ° 1.5 1 ± ± , ì ÷ 1nΠ ~ √ ± ^ - 1 Ó - 1 ~ √ flj Ó ± Ç ± Ó - ï ø á - ~ ø 0 1 Ç - Û Å S - Û 1 ± 1 ^ ± 1 n Π ~ , . g ± 1 - Û ± S Ç - ï ?
√ - ï ... ± , flj ~ √ ± ^ - 1 Ó - 1 1 % - ø , Ó - ± - ï ø Ç flj ± ± ± √ √ , ° Ç Ó - , ~ √ ± ^ - 1 Ó - , ¿ ? f √ - ï ± ? f √ - ç Ó - ± ± 1 n Π ' 0 Û ± ?
√ - Û ± 1 Ì 1 flj M √ √ ± - ï ø È √ Ú ø - ï Û ± , ± ± Å Å √ √ √ √ , Å Ó - ± Ç Ó - > Å Å √ √ ~ √ ± ^ - 1 Ó - 1 ~ √ flj Ó ± è È √ , flj ± - ï ... í 1 % - Û ±
flj ø 1 ø Å √ ' ± 1 n Π ~ √ - Û ± 1 ± 1 Å 1 ± flj M √ √ ± ± ø Å √ √ ø - Û Å √ Ó - ≈ Å . ≈ Å . ø ð ø é - 5 ' - ' ± ø - ï È √ , flj ± - ï ... í Δ .
~ √ ± ^ - 1 Ó - Ó - 1 + - Û ± ø ð L 0 1 Ó - √ √ í ° ± Å flj ? √ Å 1 ± ± Ú - Û ± 1 Ì ' 0 Û ± ? √ Ò ø - ï - M è √ Δ √ √ - ï ... ± , 1 Ú ± Å Ó - Û ± Û ± È √ Ú 1
flj Ó ± Å 1 , ~ X Δ √ √ - ï √ √ ± flj ø Ó - ± - ï flj ø 1 Å ° ø Ó - Å flj √ √ 0 Ó - 1 √ ± , [~ √ ± ^ - 1 Ó - 1 ± 1 n Π - Û ± 1 Ì 1 flj Ó ± Å ± Ó -
' ± 1 n Π Ç ð L ø flj M √ √ M √ √ 1 ± È √ Ó - ~ " Ó - - flj È - ± ? √ 0 Û √ √ , ø ? √ ± ≈ ± ø L 1 1 Å . Å Ç , √ √ Å - ï ± 1 1 ± Ì - ø Ú ± 1 n Π
- ï d % - , ì Ó - S è ± Ó - - ï ± Å ± 1 + - Û ± ø ð L 1 , Å È - ç Ç , Å , ~ √ ± ^ - 1 Ó - 1 ± 1 n Π - Û ± 1 Ì 1 ± È √ Ó - Å Û flj flj ± 1 ' Å Û flj flj ø -
~ Û ç - Π ç 1 1 % - Û ± √ √ Ì - ï ± √ √ Ç - Û ± ± ± , y ± 1 ± ± , ì Ó - Ó - ± 1 - ï ... ø Ó - S è , ø È - Å Å √ 1 ± ± , ì - ï ± (j ç ø flj 1 1 % - Û ±
- ï ø È √ Ú ± È √ ± Ó - - ï ± flj ± G ± 1 n Π Ì - ï M √ √ 1 ± flj ± G - Û 1 ± M √ √ flj ± 1 ø ð Å é - ï Û - - ï
ï ø - Û 0 G Ó - , flj Å ~ Ó - Ç - Û ± Π Ì flj Å 1 ,
ø flj ç ± È √ Ó - flj ± G , ~ √ Ó - Ò flj ± flj Ó ± 1 1 + - Û ± ø ð L 1 , È - ± Ú ± √ √ - ï ± ø ð Å é - Å - Û ± √ √ , Å Ó - ± Ç √ √ ± ± Ú ± √ √ °
Ó - Ó ± ø - Û 1 ± ± , ì ÷ 1nΠ ~ √ ± ^ - 1 Ó - flj ø - ï M √ √ Ú S è Å ø - ï flj ø Ó - flj ± - ï ... [Epics of Growth] - ï ø Ç flj ± ± ± √ √ , ° ?
≈ √ Å , ± ± Ú ~ √ √ flj ± - ï ... ' Û ± 0 Û - Û f - ï ± Ç È ± ± flj Å √ M Ó - 1 ø % - Ó - ° ± Å ... ± ± Å È √ ± ± Å È √ - Û 0 1 - ï Ó « - Û 1 Ó - ± ø ? √ ± Ó - ' Û ... ?
√ ç , ç , ± Å √ M - ï ... ± √ √ ± Å 1 ± Δ √ √ Å Å √ - Û 0 1 - ï Ó « - Û 1 Ó - ± ø ? √ ± Ó - ' Û ... ? √ ç , ç , ± Å √ M - ï ... ± √ √ ± Å 1 ± Δ √ √ Å Å √
1 ± ± , ì ~ √ ± ^ - 1 Ó - 1 ± Å Ó - ≈ Å ± ± Å ± ø % - ø Ó - flj ± ø √ √ Ú ç ø - ï ± flj ± Å . Ç Ú flj 1 ± 1 Ç flj ± Å Û ± Ç % - 0 Û ±
Ç √ √ ± ± Û ± ø Å √ ° ~ √ √ 0 - ï - ï ± (j ç ø flj Å , √ √ 1 ± - 1 ± ± 1 flj ± ø √ √ Ú ç flj ± 1 n Π ~ √ √ 0 - ï ... ± , Å ? √ Å Å flj ± 1 n Π -
- Û ± G ± 1 flj ± ø √ √ Ú ç flj , ± ø √ √ Ó - ... Ó - 1 + - Û ø ? √ Å °
' ± R ~ ... ± , Û ø ð ù 1 . √ √ 0 Ó - 1 √ ± , ± 1 n Π - Û ± 1 Ì 1 ~ Å , ± M √ √ ø flj Σ [40 È - ±
s 1 ø - Ó - 1 Ó - Ì - ï M √ √ 1 ø ± flj]

.....
.....
..... 2. ~ √ ± ^ - 1 Ó - 1 ~ √ flj Ó ± Å ± Ó - 1 ø - ï Π Å , ø ± flj Σ [50 È - ± s 1
ø ^ - Ó - 1 Ó - Ì - ï M √ √ 1 ø ± flj]

.....
..... 1.6 - ï ø ? √ flj ± - ï ... 1 ± ± , ì Ç - Û ± Û - ø ð Å Å ø ð ± % - ç È Û , ± ø √ √ Ó - ... Ó - ?
≈ √ ± Ú ~ √ √ flj ± - ï ...
Ç - Û ± ± ± , ° Ç , √ √ ? ≈ √ ± Ú √ √ í ñ 1 ± ± , ì ÷ 1nΠ ~ √ ± ^ - 1 Ó - ° ^ - 1 Ó - ç , ± ø √ √ Ó - ... Ó - 1 ± ± , ì flj
è ± ø ? √ flj ± - ï ... í [Ç Ó - flj ± - ï ...] ± 1 n Π √ √ , ± 1 1 % - flj - ï ± (j ç ø flj ~ ≈ 0 Û flj è ± ø ? √ flj ø - ï - ï ø ± ± ... ø ? √ , ± √ √ , °
ø - ï ≈ Û - Û ± 1 Ì Ó - Ç flj ± ± ± Δ √ √ Å Å √ Ç - ï ± (j ç ø flj ^ - 0 1 - ï - Ò 1 ± 1
n Π Δ - ï ± Å Ó - ï ï ø L 1 Ó - Ç Ó - > Å Å √ √ % - Ó - ≈ ø - ï « - - ï ... ± , ° Ò ... ± R 1 ± ± , ì Ó - - ï ± (j ç ø flj Å , ø Ú È √ 1 ' Ó - ç Ó - È √ ç Å Û 1
~ √ √ 0 Ó - 1 √ ± , ø Ú Å È √ √ √ √ Δ flj ø Å √ ° Ç S è Å ≈ ± 1 ± È - ï - ï ... ± 0 1 ' Ó - ± √ √ Ó - Ç √ √ ± ± Ó - Ç Ó - > 1 ~ Û Ó - ø flj 1 n Π Ì
^ - ï ± - ï Ì - ï Å Å flj Δ √ √ Å Å √ Ç È ± ± flj Å √ M Ó - Ó - ± Å flj √ √ ø ð Ó 1 + - Û Ó - Û 0 1 Ç ð √ flj Å 1 ° ± ø Ú Π ± √ ø ð Ó - á - ï - Q ~ -
± ù Ó - ç , ± - ° » Ç S è Å ï Ó - ø Ò ± Û ± Å ? √ flj ± Å ç - flj ± Å ± ø √ √ Ó - f ° ± 1 ± ± , ì - 1 2 ° 1 5 ± √ √ ' Å ± Ó - - ï ±
(j ç ø flj Å , - ï È ± 1 ± Å ? √ Ó - 1 ± ± , ì 1 % - Û ± flj Å 1 ± 1 n Π √ √ , ± 1 Ú ± ø ? √ Å , è 1 ± , ì , è , ç Ó - ± % - ø 1 Ó - ï
è Ç - Û Å ø ± ... - ï ï è 1 ± ± , ì Ó - 24,000 Ç È ± ± flj ± Å Å √ ± 1 n Π √ √ , ± Ó - È - ï flj ± G Ó - ø - ï - M è √ ~ √ ± ^ - 1 Ó - Ó - Ò flj
1 ± ± , ì ± , Ó - Û Ó - , 1 n Π ± 1 n Π 1 % - Û ± - Û 1 ± 1 1 1 , - ï X Ó - ± ± 1 n Π Ò ± 1 ± - ï ø √ flj Ó - ± ~ √ ± ^ - 1 Ó - Ó - Ò flj - ï Û Ó -
Δ - ï ø Å √ è 1 ± ± , ì Ó - Ç flj ± 1 ± - 1 ± ± 1 ~ X 1 ø % - S Å 1 √ √ ~ ø G Ó - Û √ √ , ø ð flj ø Ó - 1 Å Û ± 1 ? √ ... ± ± ç , 1 n Π % - , ij Ó -
' Ç ± 1 ± 1 n Π 1 , ± ø - ï ... ø M è √ - ï ... ? Û ± Å 1 ~ √ √ ç , ± Ú ç Ç , √ √ flj ± 1 Å 1 1 ± ± , ì - ï flj ± - ï ... Δ √ √ ø ð Ó ~ ' Ç Ó - flj ± - ï ...
1 + - Û ø ð Ó - ø á - Ó - ° √ √ , ± 1 È √ Ú ø ð , Ó - ± Ó ± Û ç , ° ø ð , Û Ç √ √ ± ± ø ? √ Ú Å 1 - Û 1 ± ± √ √ ± ø ? √ flj ± - ï ... ± Å Û
~ Ç ð ^ - 1 Ó - ç , ± ø √ √ Ó - ... 1 ± ± È √ √ √ √ , ± 1 j ± 1 ± ' Û ± Å ø ð 0 1 Ó - Δ √ √ ± ø √ √ Å Å √ ± Û ø flj √ √ , ± 1 Ç È √ ± 1 1
~ √ √ 0 Ó - 1 √ ± , ~ √ √ ± flj ± - ï ... ~ √ ± ^ - 1 Ó - 1 - Û - Û - ï Ó - [258 ñ 283] , « Ó -] 1 ± ± ± ... ± Û ø - ï 0 ± ø 1 Ó - - ï ± Å - ï ø « Ó -
Δ √ √ Å Å √ - Û ± 1 ± , ~ √ √ Å Ó - ± Ç Å Û ñ ø -
ï ± ù , - ï È ± ± G . 1 n Π Ì - , ø Ç ù , ^ - ï ± Å Ó - ± ø ? √ Ó - 1 ± -
flj Ó ± 1 - Û ± 1 ± - ï ø M √ √ , ø È - Å Å √ Ç , √ √ ? √ Å 1 Ç ? √ ç Å ^ - ï ± Å Ó - Ó - [3 , ¶ ®

øÅV° øfljç ^-±1Ó-œ°, -ÛøGÓ-ø%-.ø^-. Δ-?√...1 ~ÀÓ-1±±, l1 ~" ' - ' #Ëœ- -Û"- 1200 -i-Å/11 '±-ÀÓ-1ø%-Ó-
"√V", ° ±Ú ?≈√"ø√V øÉVÛ -ÛøGÁÓ-ø"ø√V flj± #Ëœ- -Û"- 3100 '±- Õ> øÛ- Ç±±ÅËV° 1.7 ~"√V± ^-±1Ó- 1.7.1
~"√V± ^-±1Ó-1 Sê~ø-íflj± ~"√V± ^-±1Ó- øÉ-± øÛøV«@Û, ~"Ó-1ø%-Ó- Ç"√V±± Ú±"ø√V° "ø√V", ~À°, ~À°, øð±?
≈V"«-Ó-øø-íß øðøÓ- -±1, ±"ø"√V flj øð, ±, ° ø"ø√V ?√ø@ÛÅflj±1 -Û1± ~"√V± ^-±1Ó- 'Ó... ' í fljø1-íÕ ~"√VÍÀ",
"ø√V", ±1, •ÿÁg øÓ-øÛÉ-± fljÛ± ÈVÛ±1 ?√flj±1± øðø"ÀÓ-, ~"√V± ^-±1Ó- øflj, ~"Ó-1ø%-Ó- Ú"√V", ° øjZÓ-
œ°, ÀÓ-, "ø√V", ±11%-Àflj± øÉVÛ Ú"√V", Ó-Ó-œ°, ÀÓ- "ø√V", ±1, ±ø5> -Û Ó-±œ±1 ø-ÛÅVÓ- "√V", ° ~"
çðLøfljM«√V±1+À-Û Ç-?√-...±, flj' ÛÖjZ-Û±, ÌÀflj øÚÀV« flj1± "√V", ° ÇÉÓ->"%-f- - 'œ°, 1ÈV±, flj 1
"ø√VøÓ- "√V±, 1+À-Û ~" çðLø ^-±. 1%-Û± fljÀ1° ~"Ó- fl≈j1nΠ- -Û±G±1 w±Ó-, ±ÈV-œ° ≈X±Ú ø"ø√V flj±-i-...
"ø√VøÓ- "√V±, 1Î-ø-ÛÈVœ-...
° Ç-Û±ÚÀÓ- "√V", ÀÓ-± ø"ø√V çðLø1 ~±ÈVÓ- -i-M«√V ~±ÀÛ Ç-?√± ÚœøÓ-fljÛ±1 øð±%≈- «... Ú±øÅV° -
i-...±, 1%-Û± flj1± ~" flj±-i-...flj iÈV", flj±-i-...i -i=ø ÈVÛ± Δ-øÅV°
Ç, "ø√V ÈV", ± ~...i

flj±-i-...Ó-, y±Ó- ~±S 8,800È-± ~±Ú ÇÈ±±flj -i≈ø -ÛøGÓ- Ç" fljÀi-±Ú±À" 'Ú~±Ú fljÀ1° -
Ú±G±, flj 1ø-ÈV", 1 flj±1Ài, y±Ó- - øÀÛflj±± Ú± ±flj1
fljÀ1° ~"√V± ^-±1Ó-1 ø-íflj± øÓ-øÛÉ-± ≈±... ø¶1Ó- Δ"√VøÅV" -i≈ø flj-i- -Û±ø1° Ó-±1 "ø√VøÉ- ~"√V± ^-±1Ó-1
'±ø?√-Û-«1 ÇÈ±±flj ø-íÀ" ΠÓ- øÀÛ?√À1 Ç-Û±± ± ±, ñ"iø±ø?√ ^-±1Ó- - Çfljø%-?√±øøflj±ø?√ Ó-Ó± -ÛÀ1°
Ó-ÀÓ±-Ûø1%-1±?√±Ú... ø-íøð±-, ~...øÖ...ÀÓ-° ~"√V± ^-±1
Ó-ñ1°53 øðø" ø¶1Ó- Ç±?√±...±

À, ÇÉÓ->"1 -Û"±%-ÈVÛ ø"Π...1 'Ú...Ó- Δ-í •Û±, Úflj ~" iÈV", ± ~...i flj±-i-... ø" flj±"ø√VøÅV" ° ø" ± "√V",
ÀÓ-± Î-ø-Ûø1%-11 ±±...±Ú1 -Û1± ±1y Δ"√VøÅV" ° Ó-±Ó- ~±S 8,800 ÇÈ±±fljÀ"√V ±øÅV"
° øjZÓ-œ°, ø¶1Ó- Δ-í •Û±, Ài -Ûø1-íøX«Ó- Ó-1-ÛÓ-í ^-±1Ó-±±...i çðLø ÈVÛÀ"ÈV", -Û1œøé-Ó-1, -Û«:1
'±-íøM√V fljø1øÅV" ° ÇÉÓ->"øø¶flj1 ±±...±ÀÛÀ1 ø"ø√V çðLø ±1y fljø1øÅV" ° Ó-±Ó- ÇÈ±±flj1, -±...± ±øÅV" 24,000°
Ó-Ó-œ°, ø¶1Ó- Ç, ÅøÓ- Ç ± ~"√V"Π«ÀÛ ΔÛø"Π±1i...Ó- i
Z±?√-í -í Π«-i-...±Úœ"Ú≈øá-Ó-, -Û«:Ó- Ç ±È- Ç±±± Ç ± ÅÚflj±ø?√ ≈øÛ-íμ1, ~é-Ó- ±-íøM√V ±1nΠ øð±%-Û
fljø1øÅV" ° øÖflj ø-í ± ø"ø√V ^-±1Ó-±... çðLø "ø√V", ±1 ÇÈ±±flj1, -±...± 1,00,00° Ó-±1 øÚÀV«' fljø1 Çflj±±±
Δ"√VÅV

ñ"ø¶ú-d ~±Ú±À"Π... Ç ±Àflj Δ-í •Û±, ÀÛ±N±Úf± øflj- Ó-, "√V"-Ó≈- ~À°, ±MêV- Δ-í øÚÀ-±ÛÓ-° -i-...±, flj'Ó-
èÈV", flj±-i-... ~"Ó- "ø√VøÓ- "√V±, -Û≈±1± -i± ±±...±Ú±Rflj ±øÅV" ° øfljç Ç, ÅøÓ-1 ~"√V± ^-±1Ó- ø±Ú ø-í
'Àflj± ΠÓ- -Ûø1iÓ- "√V" ° ~"√V± ^-±1Ó- ø±Ú "ø√VøÓ- "√V±, -Û≈±1±, Õ"« ±¶a ±1nΠ ~"√V± flj±-i-...° ÿ æV±±?
fV-œÓ-± ~"√V± ^-±1Ó-À1"ø√V øÉ-± -' ° fl≈j1nΠÀé-S1 ≈XÓ- fl≈j ø-íÚ± ±1nΠ ±Rœ°, ¶ÿÈVÛ, flj 1ø-íÚ± Ç-?√ø±
, íB...±, Õ"« çð"√V fljø1-íÕ øð±"ø√V26V± flj1±Ó-, ø"ø√V
~ÀÛ± ^-±± ?"√1 fljø1-íÕ È≈√Úflj flj « ±«Ó- øð-íM√V fljø1-í Î-øÅVÀ" ... ^-±±Ú çflj' ù"ø√V ø" Î-ø-ÛÀ?√' ø?√À",
ø, À" ø√V -œÓ-±1+ÛÓ- -íø«Ó- Δ"√VÅV° "√Vø1-í ~"√V± ^-±1Ó- -' "ø√V", ±flj øø ~" -' í Ç-Û± ± "√V", °
"ø√V", ±1 -i-MêV±-i-...±, ° ø-í ≈±1ø"ø"√V ± fljçM«√VÚ1 Ú±Ú± øðflj±11 ±±...±Ú, Î-ø-Û±±...±Ú ±1nΠ ø¶±døÓ-
"ø√V", ±Ó- Ç-Û±± ± ±, ° -íø-í-ÈV±Ó- ^-±±Ú çflj' ù1 Î-ø«-ÛøM√V1 ø-í ΠÀ", ÈV±øÛ-íÕ Ç ±ÅÚÀflj ±çð"√V
flj1±Ó- Î-øçð±±"ø√V ±?√±, flj 1 fljÛ± -í«Ú± fljÀ1° Ó-±1-Û1±"ø√V"√Vø1-í- 1 Î-ø«-ÛøM√V, "ø√V 16,000 ÇÈ±±flj1
, ~øøÛ"ø√Vø1-í- 1øÓ-øÛÉ-± -

Û-« ±ÀÅV° Ç ±ÀÛñ[1] "√Vø1-í- -Û-« [2] ø-í ≈±Ú±Í [3] ^-ø-í Π... -Û≈±1±)° øðø" -Û-«
Ó- ø-í ≈±À± flj' ù1+À-Û -ÛøÓ±œÓ- ±Ó-1i flj1± -íM√V±øLÀflj Øø1-íø"Û-í- 1ø-í±1 ±ÀÅV° øjZÓ-œ°, -Û-«Ó-
flj' ù ±"√V±R... ±1nΠ Ó-Ó-œ°, -Û-«Ó- ÈVÛÀ"ÈV", -Û1œøé-Ó-1 -í- 1-í«Ú± ±ÀÅV° ±R" ~...±, Ú øðüü
~"√V± ^-±1Ó-1 Sê~ø-íflj± 1 ø¶1Àflj"ø√VÈ-±1 Ú±À ~±À± fljø1 ø, À-í±11, -:± ø?√', fljΣ [40 È-± s1 ø"Ó-1Ó- Î-øM√V1
ø"flj]

..... 1.7.2 ~"√V± ^-±1Ó-1

ø-í Π", -íø ~"√V± flj±-i-... ~"√V± ^-±1
Ó-í-1È-± -Û-«Ó- ø-í -MêV° øðøÓ-ÀÈ-± -Û-« Çflj-í-È-± >, «Ó- ø-í -MêV° -Û-«Àflj"ø√VÈ-± Sê~ñ[1] '±ø?√ [2]
, ^-± [3] -íÚ [4] ø-í±È- [5] Î-øÅ?√...± [6] ^-œÉ [7] Ç±± [8] fljç [9] ~... [10] Ç, Åø5flj [11] ¶æce [12] ±øðL [13] 'Ú~±, Ú
[14] 'ù"À"øÖflj [15] ±"±-í, œflj [16] Ç ±À"Π [17] ~"√V±øð¶±ø±Úflj [18] ¶ÿ«À1±"√VÚ° Ó-Ó- -Û-«, ~"√V1, -øé-5
ø-í±1 ø?√', ±"√V"ñ±ø?√ -Û-«Ó- ÇfljÀ1±- -Û±G±, flj 1 -í- -Ûø1%-í, ÈVij, Δ"±, ΔfljÀ ±1, Ç±À-Û?√œ±1 ¶ÿ, •ÿ1,
flj' ù ±"Ú1 fljÛ± ø-í±ø1 Çflj±±± Δ"√VÅV° ^-±-Û-«Ó- -Û±G±, flj 1 "ø√Vf-ÛøÖÓ-, ^-±, 1øÛ"±i, 1±ÈV, "°, :
±Ú±á-±Ú ?≈VÀ"«±ÛÚ, "√V"≈øØøá-11 ?≈V...Ó-Sêœ± ± ±
ø?√1, ø-íÀ"Π ø-í±1 Ç-Û±± ± ±, ° ø"ø√V -Û± ±À± Ó- ≈øØøá-À1 -Ûi ø"√V%-±À-í 1±ÈV..., ÕÚ, ^-±Ó-, flj 1
Δ, ÀÓ- -í±1-íÀV1 -íÚ-í, ±1nΠ ø-íÀV1 ':±Ó-í, ±±øÈ-íø", ijÓ- "√V",
° -íÚ-Û-«Ó- -Û±G±, fljÀ" -í±1-íÀV1 flj± ~...flj -íÚÓ- øÓ-í±ø"√VÓ- flj1± ÈVœ±Ú1 -í«Ú± ±ÀÅV° ~", 1±ÈV ø-í±È-1
'øÓ-í±ø"√VÓ- flj1± ÈV
œ±Ú1 -í«Ú± ±ÀÅV° ~", 1±

Ö ð ÚÀ ° ø Ú ß Ó ~ , œ ± [1] , ≈ ð ð ø , X flj ø ~ ? √ ± « ø Ú flj flj ø ~ fl ≈ ± ø 1 ^ - A ° √ √ ø Ú Ê √ 1 % - Ú ± ± œ Ó ~ √ ± ^ - ± 1 Ó - 1
ø ð ± , À - ± 1 - Ú - « 1 Í - Ø X Ó - flj ø 1 Å Å √ ± 1 n ∏ ° √ √ , ± flj - ... ± , 1 j Z ± 1 ± 1 ø % - Ó - ± Ú ø - ± ± ¶ Ú ø Ó - ç ð L ø √ % - ± À -
Í - Ø Å ~ ± flj ø 1 Å Å √ ° ± √ √ ? ≈ √ Ê √ Ú flj ø - 1 ø ¶ ø ø Ó - flj ± S è Å ~ 700 ¶ Ê œ @ Ú ± s ° ± Å Ó - Å flj Ç ? √ ± ± ± , 700 ¶ Ê œ - 1 ± - Ó -
~ √ ± ^ - ± 1 Ó - - M « √ √ ± Ú 1 + - Ú Ó - 1 ø % - Ó - [2] ? √ ... flj ± 1 , ≈ ± g ≈ Å ° Ç Ó - > 1 ì - ± , ± M √ √ ± Ó - ~ √ ± ^ - ± 1 Ó - 1 ø ± ' - 1
Í - Ø X ø Ó - flj ø 1 Å Å √ ± 1 n ∏ - ± ± - A ° √ √ Ç Ó - > 1 è flj ± ? √ √ 1 œ í Ó - ~ √ ± flj ± ~ ø µ 1 Ó - - ± , ≈ - Ú ± ± ± ± ± ~ √ ± ^ - ± 1 Ó -
- Ú ± ± - 1 flj Ø ± Í - Ø X ø Ó - flj ø 1 Å Å √ ° ± √ √ ? ≈ √ Ê √ Ú flj ø - 1 ø ¶ ø ø Ó - flj ± S è Å ~ 600 ¶ Ê œ - ± 1 n ∏ 650 ¶ Ê œ @ Ú ± s ° [3]
flj Å √ ± ø í - , ± 1 ± flj ø ± % - œ Ú ø ± ø ø - Ú Ó - ~ √ ± ^ - ± 1 Ó - 1 flj Ø ± Ç - Ú ± ± ± Δ Å Å √ ° ± √ √ ø ± ø ø - Ú 600 ¶ Ê œ @ Ú ± s 1
° √ √ , ± 1 - Ú ± ± Ê √ Ú ± ± ± , Ç ~ √ ± ^ - ± 1 Ó - Ó - ± 1 ± Å Ó - 1 ø % - Ó - ° 442 ¶ Ê œ - 1 & 5 flj ± œ Ú ø ± ø ø - Ú Ó -
~ √ ± ^ - ± 1 Ó - flj Ø - , ± √ √ ¶ œ , - ø √ √ Ó - ± Ú ± Å Å 1 Í - Ø Å ~ ± ± Å Å √ °
[4] - Ú ø G Ó - Ê √ , ± ± 1 Å Ó - ~ √ ± ^ - ± 1 Ó - 1 % - Ú ± flj ± 1 Ç - ∏ , œ ± 500 ¶ Ê œ @ Ú ± s ° [5] ~ √ ± ^ - ± 1 Ó - 1 % - Ú ±
° √ √ , - ± √ ø 1 flj ± Ø - ° √ √ , ± 1 ø - Ú Å √ Ó - ^ - ø - - œ , - ± Ê ± j , flj 1 - Ú ± ± ¶ Ê œ - - Ú - 3 , Ó - ± s œ Δ Å flj , • Ú ± ø ? √ Ó - ,
- Ú ø 1 - ø M « √ √ Ó - ± 1 n ∏ , - Å ± ø Ó Ó - Δ √ √ - M « √ √ ± Ú 1 1 + - Ú - Ú ± ° √ √ Å Å √ ° [6] ¿ ø % - ø L ± ø ø - ± Ú ± , flj Δ - ± ? √ ... ° √ √
~ √ ± ^ - ± 1 Ó - 1 ø L - , ± é - 1 ± Ø ± 11 > - Ú 1 Ó - ø í - 1 ± - flj ø 1 Å Å √ Ç ~ √ √ ~ √ ± ^ - ± 1 Ó - 1 % - Ú ± flj ± 350 - 320 ¶ Ê œ - - Ú - 1
ø í - Ó - 1 Ó - [7] ¿ Ê √ , % - f ø - ± ? √ ... ± Ç ± 11 Å Ó - ^ - ± 1 Ó - flj ± - ± ... 1 ø ð Ø , - ¶ Ø 1 ì ° √ √ , 500 ¶ Ê œ - Ó - 1.8 ^ - ± 1 Ó - œ ,
, ± ø √ √ Ó - ... Ó - ~ √ ± ^ - ± 1 Ó - 1 ø ð - ± ± [1] ~ √ ± ^ - ± 1 Å Ó - - Ú 1 ° Ó - ∏ ^ - ± 1
Ó - œ , ± ø √ √ Ó - ... 1 > - Ú 1 Ó - ø ð - ± ± Ç - Ú ± ° √ √ Å Å √ Ó - ± 1 Ó ≈ - Ú ± Ú ± ° √ √ ° √ √ , ± 1 ^ - Ó - , ø - Ó - - Ú Å Ó - ±
Ú œ ø Ó - flj Ø ± , Ø « ? » « Ú , • j g œ , flj Ø ± Ú ± Ú ± ^ - ± Å ø ð flj ± - Ú ± ° √ √ Å Å √ ° ¿ æ √ ? f √ - œ Ó - ± , ø - ≈ ú , √ √ Ú ± ,
' Ú ≈ - œ Ó - ± , ^ - œ Ê Ø ¶ ± 1 ± Ê √ ± 1 n ∏ . Å Ê √ Å ± é - Ú ± Å ~ ° √ √ - Ú ± % - ± Ú ç ð L ~ √ ± ^ - ± 1 Ó - 1 - Ú ± ° √ √ , ø @ Ú Δ √ √ Å Å √ °
[2] 1 ± ± , ì ? √ Å 1 ~ √ ± ^ - ± 1 Å Ó - ± Å Ú flj ^ - ± 1 Ó - œ , ~ √ ± flj ± - ± ... , flj ± - ± ... , Ú ± Ê - flj , flj Ø ± - , ± ø √ √ Ó - ... ± ø ? √
Í - Ø , ç ð L ø 1 + Å - Ú ø ð ø Ó - ø Å - Ó - Δ √ √ Å Å √ ° ~ √ ± flj ø - ± , ± , flj ± ø ? √ ± , ~ ± , ^ - Å Ú ± 1 ± , ì , ^ - ± 1 ø , ¿ √ √ ∏ « , 1 ± Ê √ Å ± 1 ,
Ç é - Å ° f ø ð - ø Ó - - flj ø - , flj Å ~ √ ± ^ - ± 1 Ó - 1 ± ± Δ Å , Å Ú flj ç ð L ø 1 % - Ú ± flj ø 1 ° 1 Q ± ^ - flj ø 1 Å Å √ ° [3] ~ √ ± flj ø -
^ - ± Å , ~ √ ± ^ - ± 1 Ó - 1 ø - ø - ± ß flj Ø ± 1 > - Ú 1 Ó - ± ± , flj ø 1 - Ú = 1 ± S , ? √ Ó - flj ± - ± ... ? √ Ó - Å Ê - ± flj % - , Í - Ø 1 n ∏ ^ - e ,
flj | « ^ - ± 1 , ~ Ø ... - ± ... Å , ±
Ú ± ~ Å √ , ± Ú Ú ± Ê - flj 1 % - Ú ± flj ø 1 Å Å √ ° [4] ^ - Å Ú ± 1 ± , ì 1 ñ è Ç - ± œ , - ¶ ø ± 1 í Ú ± Ê - flj 1 ~ - Í - Ø , ~ √ ± ^ - ± 1 Ó - [5]
~ √ ± ^ - ± 1 Ó - 1 Ú Å ± - Ú ± ± ... ± Ú 1 Ç ^ - ø Ê - Ó - ¿ √ √ ∏ « ° √ √ Δ Ú ∏ Ø % - ø 1 Ó - í 1 % - Ú ± flj ø 1 Å Å √ ° flj ø - ~ ± Å ,
è ø q - Ú ± - ± Ø í ± 1 n ∏ ^ - ± 1 ø Å , è ø flj 1 ± Ø - ± Ê ≈ √ Ú œ , ~ f i ~ √ ± flj ± - ± ... 1 % - Ú ±
flj ø 1 Å Å √ ° [6] ~ √ ± flj ø - ± flj ± ø ? √ ± Å , ~ √ ± ^ - ± 1 Ó - 1 ± ø ? √ - Ú - « Ó - - ± ø ì « Ó - fl ≈ ± ø L Å ± - Ú ± ± ... ± Ú flj ° ± • j Ú flj ø 1 Ç | á -
Ú ± Ê - flj è ø - ± Ú ± fl ≈ ± ø L ~ f i 1 % - Ú ± flj ø 1 Å Å √ ° [7] Ó - ? ≈ √ -
Ú ø 1 fl ≈ ± Å ± 11 , ≈ - ^ ± - Ó Ú ? , , Ú œ ø Ó - - ± « Ú 1 flj œ % - flj - ± - Ú , 1 ± Ê √ Å ± 11 - ± ^ - ± 1 Ó - , Ç é - ~ œ ú 11 è Δ Ú ∏ Ø ± Ú µ í , Ç ?
± ø ð - , ø 11 è - Ú ± G ± % - ø 1 Ó - í , flj ± = Ú - Ú ø G Ó - 1 è Ø Ú ? , - ± ... Å , ± í , 1 ± % - f flj ø - 1 è Ú ø - ± , í ± 1 n ∏ è Ø Ú « ^ - , ^ - œ í í
ø S ø - í S è ~ - Å ° √ √ Ú Å ± - Ú ± ± ... ± Ú flj Δ Ú % - • Ú ^ ± 1 n ∏ Ç é - Å ° f ° √ √ è ^ - ± 1 Ó - ? 1 œ flj ± - ± ... í ± 1 n ∏ è ø % - S ^ - ± 1 Ó - í
Ú ± Ê - flj 1 % - Ú ± flj ø 1 Å Å √ ° [8] ~ 1 % - f 1 è - ± ^ - ± 1 Ó - í flj ± - ± ... , flj ^ - ú ± Ú µ 1 è , ~ √ ± ? √ , ± Ú µ í , ø - ú - Ú ± Ø 1 è Ç , Å - ø g flj ± ~ √ ± ì ,
' Ú ø L ^ - Å 1 è ^ - ± 1 Ó - % - • Ú í , % - S è flj ø - 1 Ç Å Å - Ú ? √ œ - Ú ø 1 ì , % - • Ú ± ø ? √ Å Ú flj flj ± - ± ... ± 1 n ∏ Ú ± Ê - 1 % - Ú ± flj ø 1 Å Å √ °
±
Ø ≈ ø Ú flj ^ - ± 1 Ó - œ , ^ - ± - ∏ ± À - ± 1 Å Ó - ± , ± ø √ √ ø Ó - ... flj , flj Å ~ √ ± ^ - ± 1 Ó - 1 flj Ø ± flj Í - Ø - Ú Ê √ œ - ± ... flj ø 1 Å Ú flj ç ð L ø
1 % - Ú ± flj ø 1 Å Å √ °
1.9 1 ± ± , ì ± 1 n ∏ ~ √ ± ^ - ± 1 Ó - 1 Ó ≈ - Ú ± 1 ± ± , ì ± 1 n ∏ ~ √ ± ^ - ± 1 Ó - ? ≈ √ Å , ± ± Ú ~ √ √ ç ð L ø flj ° √ √ ø Ó - ~ √ ± ,
' ± 1 n ∏ ^ - ± 1 Ó - 1 Ê √ ± Ó - œ , ~ √ ± flj ± - ± ... - ± ≈ Ç flj ± ± ± √ √ , ° ? ≈ √ Å , ± ± Ú ~ √ ± flj ± - ± ... ° √ √ ^ - ± 1 Ó - œ , ^ - ± ... Ó - ± ,
- ¶ Ø ø Ó - , ~ ± Ê √ , 1 œ ø Ó - - Ú œ ø Ó - ± 1 n ∏ , ± ø √ √ Ó - ... 1 > - Ú 1 Ó - - Ú ø 1 , œ ø ð - ± ± Ç - Ú ± ° √ √ Å Å √ ° ? ≈ √ Å , ± ± Ú ~ √ ±
flj ± - ± ... 1 Ó ≈ - Ú ± Í - ± ø , √ Ø 1 ± ~ √ í ñ [1] 1 ± ± , ì 1 ø ð Å 1 Ó - ± ~ √ ±
flj ø - ± - ± j œ ø flj ± 1 n ∏ ~ √ ± ^ - ± 1 Ó - 1 ø ð , ì flj M « √ √ ± - Ú 1 ± 1 - Ú ≈ S ~ √ ± ~ ø Ú flj ^ - ú Ø j Z - Ú ± , ì Ç - ± ? √ - ± ... ± , ø
ø - ± ø ¶ ø Ó - 1 Ú - ± 1 - Ú 1 ± % - ± Å 1 ± ± , ì ~ √ ± ^ - ± 1 Ó - 1 ± flj % - Ó ≈ - Ó « ± - ~ √ í - ± 1 ± ± , ì 1 Ç è ± ± flj 1 , - ± ... ±
24,000 ° ~ √ ± ^ - ± 1 Ó - ç ð œ flj ~ √ ± flj ± -
± ... ° √ √ ø , ± ? √ ± 1 n ∏ > ø ? √ ø % - 1 ± flj ø S Ó - - Ú ø 1 ± ± , ± Ó - & 1 , ~ ± Ú ° √ √ , ± Ó - ø ð ± , ± flj ± ± Ç è ± ± flj ± Å Å √ ° [2]
1 ± ± , ì , 5 flj ± G ± R flj ,
ø ð ø Ó - flj ± G Ç flj - ± Ê - ± , « Ó - ø - ± - M è √ ° ~ √ ± ^ - ± 1 Ó - > í - 1 Ê - ± - Ú - ± « Ó - ø - ± - M è √ ° ø ð Å Ó - ... flj - Ú - ± « Å Ú flj ' Ø ... ± , 1
, ~ ± √ √ ± 1 [3] 1 ± ± , ì ~ √ ± ^ - ± 1 Ó - 1 - Ú - ± « 1 % - Ú ±
ø
flj ± 1 ~ √ ± ^ - ± 1 Ó - 1 - Ú - ± - Ú - ± « Ó - 1 ± Å ± - Ú ± ± ... ± Ú ,
ø - ± ø ¶ ± Å 1 - ± ø ì « Ó - Δ √ √ Å Å √ ° Ó - ? ≈ √ - Ú ø 1 ~ √ ø 1 - ± - Å Ê - ± - ± - ± j œ ø flj 1 ± ± , ì 1 ¶ Ú Ø Ú Í - Ø Å ~ ± Ç ? √ ± ± ± , ° [4] 1 ± ± , ì 1
ø í - Ó - 1 n ∏ ± ± - ± Ú Å Ó - ± flj Ø ± ' Ø ± ^ - ± ± ø √ √ flj ± 1 Å ± Ø ... ± Å 1 Ê √ ø í - Ó - - ± - ± j œ ø flj 1 ± ± Å ± ± Å ± Ø ... ± 1 ? √ 1 Ó - ± ø Å √
' ± 1 n ∏ ^ - ± 1 j Z ± Ê √ ± ± Å ± ± - e ± 1 ? √ ø é - ± - Ú ± Å 1 ø ð , ± 1 ø Ú flj Ê - ± M √ √ ± ± ø Å √ ° ø flj ç ~ √ ± ^ - ± 1 Ó - 1 ~ ± Ê - Ú ± - ± M « √ √ ± Ú 1
- Ú ± ? ± ± 1 ~ √ ± ø 1 , ± Ú ± 1 Δ , Å Ó - Ê √ ø í - Ó - ° ± Å Ú flj ± ± ± ≈ √ Å , ± ± Ú ~ √ ± flj ± - ± ... ± « ± - ± M « √ √ ± Å flj ^ - ± G Ó - 1 ø % - Ó - °
Ó - Ø ± ø - Ú 1 ± ± , ì œ , flj Ø ± Ó - ? √ ø é - ± - ^ - ± 1 Ó - 1 ø flj Å ≈ √ - Ú ø 1 % - Å , ± ø Å ° [5] % -
ø 1 S - ø % - S ì , Å √ µ - Ç ± 1 , 1 , ± ø ? √ 1 ø ð Å , ± Ó - 1 ± ± , ì 1 Í - Ø > flj | ç Ú Ø ± , ~ √ Å Ê √ % - f ≈ ± Ó - - Ú Å 1 ° √ √ , ± 1 ^ - ± - ∏ ± >
~ √ ± ^ - ± 1 Ó - 1

œ³Ú %ø-ø1Ó- , •ŸÀg mflj ÚÓ≈-Ú Ó-Ô... Æ-Ú±²± Δ·ÄÄ√º 'ÚóL' , Ú çðLø ~ ± ±Ó- [, -±...± 172, ~ ±^±É√Ó- 1954
#´@Ú±sÓ-] ððflj±ø Ó- ?√Gœ1 è³øðL ≈µ1œ¹ fljÔ±1 ððflj± Æ´√±²±Ó- ^-±1ø³1 É√œ³Ú -r'M√±ðL1 mflj ÚÓ≈-Ú
'Ú≈, g±Ú Æ-Ú±²± ± ± , ° ðð±5 Ó-Ô... 'Ú≈, ø1 ^-±1ø³¹ ?√Gœ1 ø-ÚÓ-± ~ √ ?√±Ä ±?√11 ø'S '±øÄ√º øfljç è³øðL, ≈µ1œ
fljÔ±1Ó- ?√Gœ1 ø' ±R-r'M√±ðL -il«Ú± fljø1ÄÄ√ Æ, "ø√ ~ ÄÓ- ?√Gœ ^-±1ø³1 -ÚÄ-Ú±S -r≈ø' øí-1±- flj1±
Δ´√ÄÄ√º ø' ø√ çðLø ÄÓ- ^-±1ø³1 -Ú-«-Ú≈1nΠ´Π, flj, øÉ√1±É- 'ÚóL-Ú≈1 Ú± ~ 1 í-±' ø√1 øÚ-±, œº Ó-±1 -Ú1±
ÆÓ-»Ä´±flj Ú±ø, fljÖ´ ±´, '±1nΠ´Ó-±1 ø-ÚÄ√Ó- ?√øé-1l %ø- ^-Ú≈1Ö´ ±Ä´√º ø' ø√ -r- Ó- ÆfljÄø flj Æ±Sœ´ ,
-rÉ±pjl Ú±1±´, l ƒ±œ¹ É√ij´√´, ° ø»Ä³´ø√ ±øÄ√´ ^-±1ø³1 ø-ÚÓ-´ø´ ^-±1ø³1 ððflj´Ó- Ú±´ ±øÄ√´ ?√±Ä´ ±?√1º
^-±1ø³¹ ±øÄ√´ Δ´º 1±É√Ä´ †Ä1 Í-ø7ijjð´, Úœ¹ Æflj±ÄÚ± ø±Ú -rÉpi, ^-±Ó- flj±ø´?√±´, Æ´F´±±ø?√1 ?√Ä1 ^-±1ø³¹
flj±-r... -Ú1œé-± flj1±1 Í-øÄ±± ±ÄÄ√º ^-±1ø³¹ ?√øé-1 ^-±1Ó-1 %ø-± ≈flj...-r- œ´, 1É√± ø-± ≈Ú-±X«Ú1 1±É√fljø-±
%ø-± ≈flj...-r- œ´, 1É√± -Ú≈ Äflj çø jZÓ-œ´, 1, ~´, 1 mflj ø´ ±ø-Úø-Ú é´ ø√Ä´√±±´ í Ú±´ 1 ±³¹ ΔÉ√Ú´ øµ1Ó-
Æ-Ú±²± Δ·ÄÄ√º 'ø√´, ±Ó- flj±ø´?√±´, 1´ÄÓ- ^-±1ø³1 Ú±´ Í-øÄ±± ±ÄÄ√º ðð´ øð¶11%ø-ø´, Ó-±1 ø-±fljçøÓ-«Ä´,
øÚÉ√Äflj flj±ø´?√±´, ±1nΠ´ ^-±1ø³¹, ~Ó≈´... -r≈ø´ ΔfljÄÄ√º ø' ø√ ø´ø-Ú1, ~´, 556´ flj±s´ Ó«±» 634´ -º ÆÓ-»1´ ±|
´, ?√±Ó-± ø-± ≈Ú-±X«Ú´ ~´√±±É√ øjZÓ-œ´, -Ú≈ Äflj çø¹ 'Ú≈É√´ ±1nΠ´ ðð±´, 615´ -Ó- ~´√±±±@ÜTMÓ- ^-±Ó-1
'±:±´ÄÓ-1±É√... %ø´ ±´, ° 'ø√´, ±1 -Ú1±´Ú≈ ±Ú´ ^-±1ø³¹ ±ø-± «-±³ flj±´ ðð±´, 600´ #´@Ú±sº
4.3.1 øflj1±Ó-±É√≈Úœ´, ff flj±-r... èðflj1±Ó-±É≈√Úœ´, ff í Δ´√ÄÄ√´ ^-±1ø³¹ fljø-±Q ððøÓ- ^-±1´ 'Ú-±?√... ¶±é-±º
flj±-r...±Ú 18 É-±, «1, ~øðÚº 'ø√´, ±1 ø-± Π´, -r id´ ~´√±´ ^-±1Ó-1 -rÚ -Ú-±«1 »-Ú1Ó- ±Ò±ø1Ó-º 'ø√f´ ±1nΠ´ ø´ flj
, c@Ü fljø1´É≈√ÄÚ ÆfljÄÜÖflj -Ú±q-Ú±Ó- ¶a´ ±´-r fljø1øÄ√´ Æ, "ø√ flj±ø´√Úœflj Í-ø-ÚÉ√œ³... fljø1 flj±-r...±Ú
1ø%-Ó- Δ´√´
ÄÄ√º -Ú±´ ±Ä´ Ó- -Ú1±ø¶Δ´√´ -Ú±G³, fljÄ´ ΔjZÓ-±ÚÓ- Ó±øflj-Ö´ Æ´ ±³±1 -
Ú1±´ ~´√±±flj±-r...1 fljÔ±´ ±1y Δ´√ÄÄ√º ~´√±±flj±-r...1 ððÖ´ '±1nΠ´ øjZÓ-œ´, «Ó- -Ú±´ ±Æ´ Ó- -Ú1±øÉ√Ó-
Æ´√±²± -Ú±G³, flj´ flj ΔjZÓ-±ÚÓ-
Æ?√±²±´ ø√ÄÄ√º ≈øðøá-1 è-Ú%ø-1í Ú±´ 1 85%ø-11´ ≈Ä± ø' ø√fljÔ±´ É√±øÚ-± -Ú±ø1ÄÄ√´ Æ´ -Ú±G³, flj´ 1 -Ú1±
1±É√...´ ±´-r flj1±´?√Ä´ «±ÒÄÚ øÚÉ√´ ÚœøÓ-´ 'Ú≈, ±Ä1, ?√±´, øÚÉ√´ ÓœÚÓ- 1±ø±-±ø-±ø±1ÄÄ√º 'ø√´, ±ÄÓ-
^-œ´ '±1nΠ´ Æ´Ä-Ú?√œÄ´, ≈øðøá-1flj ^-œ¹nΠ´ -r≈ø´ ^-r», «Ú± fljø1 ÆÓ-»flj´ ≈X1 -r±Ä-±Í-øÄM√±øÉ√Ó- fljø1ÄÄ√º
øfljç´ ≈øðøá-Ä1 ÆÓ-»Ä´ ±flj1 fljÔ±Ó- ø-±%ø-ø´ Ó- ÚÖ´√´ Í-ø-Ú´ ≈Mè√´, ~´, Ö´ ððøÓ-é-± fljø1-Ö´ '±1nΠ´ ððøÓ-:
±-±X Δ´√´ Ö±øflj-Ö´ fljÄ´ ø' ø√´, ~´, ÄÓ- -r...±Ä´, Æ?√±ø´?√Ä´,
º Ó-´Ó-œ´, «Ó- ~´√±ø´Π´ -r...±, 1 -Ú1±´ «´ÄÓ-´É≈√ÄÚ -Ú±q-Ú±Ó- ¶a´ ±´-r -r±Ä-±´ "ø√fflçœ´ -Ú-±«Ó-Ö´
´ ±´, ° %ø-Ó≈-Ö«1 -Ú1±´ jZ±?√´, «Ö´É≈√Ú1 Æ, ±1 Ó-±Ú´, ...±, "ø√´
f1 jZ±1±, ÆÓ-»1´ -rÉÓ-´-r- fljø1-Ö´ ø-±ø-±Í-ø-Ú±´, "ø√f´, c@Ü Δ´√´ Í-ø-ÚÄ?√´ ?√±Ú´, Æ´ Π´Ó-´ ±´, ±-±œ´, ≈11
-Ú1±´É≈√Úflj 1é-±1 øÚø´ÄM√´ ^-³±Ú´ -flj11 øflj1±Ó-1±-±Ú Ö±1l flj1±1 -
il«Ú±º Æ´ Π´1 øÓ-øÚÉ-±, «Ó-´É≈√Ú1 -rœ¹Q´ ±1nΠ´ fljø¹-Ú Ó-±Ú´, ...±Ó- ðð, iß Δ´√´ ^-³±Ú´ -fljÄ1
Æ?√±ø´?√Ä´, '±1nΠ´ -
Ú±q-Ú±Ó- ¶a´ ðð?√±Ú fljÄ1º 'É≈√ÄÚ´ -flj11 -Ú1±´ -Ú±q-Ú±Ó- ¶a´ Δ´
Í-ø´-øÓ-´ ±ø´√´ ≈øðøá-1flj ðð±´
flj1±1´Ä´Ä´ ~´√±±flj±-r...1, ~±ø5, ÄÉ-º 4.3.2Π´ øflj1±Ó-É≈√Úœ´, ~f flj±-r...1 Δ´
œ ø' ø√´ ~´√±±flj±-r...1 flj±ø´√Úœ´ ^-±´ øÚÓ-±ðL´ø√´ %ø-º ≈º %ø-±ø1-±Ú±´%ø-É-±´ ±Ú´, «ÄÓ-´ø√´, ±1
flj±ø´√Úœ´ ^-±´, ±´ ø-±-±Ú±´ í Ä´"√ÄÄ√´Ú´ øfljç flj´ ±øðð´, fljø-±É√ÄÚ´ ~´√±±flj±-r...1´ é-Ä1, ±´ ±´ ðð±´, Ä-±1
ø-± Π´, Äflj Ú´...Ú±øðflj -r il«Ú± fljø1ÄÄ√º %ø-Ó≈-Ó«´ ±1nΠ´ -Ú´, «´?≈ÉÉ-±Ó-´ 1» flj±´ 1´ ø´-Ú³´ ø%ø-S´ -fljì fljø1ÄÄ√º
´ÄÓ-ø´√´ ±´´, 1 ðð±flj´øÓ-±flj Æ, Äµ´«1 ø%-S±³ œ»´ -fljì fljø1ÄÄ√º, 5´ '±1nΠ´ ?√´, «Ó-´o1±´, flj´ 1´ œ´ ±´-±ø-Ó-
Δ´√ÄÄ√º flj±-r...±ÚÓ- Ä√´, Ý-Ó≈´, "Ä´«...±?√´, ~´, «...±ø¶, ΔÚ -Ú-±«
Ó-´, É√´Äfljø´, '´-±1±ø?√1 -r il«Ú± Æ-Ú±²±´ ±´, ° ±´ -flj±ø1
flj´?√ø@ÜÄ1 %ø-±Ä´ øflj1±Ó-±É≈√Úœ´, 1 Ú±´, flj´É≈√Ú´ øÉ√Ú´ ÓœÄ1±?√±M√´ ððflj´øÓ-1Ä´ ±fljº flj±-r...±ÚÓ-´ ~±...
1, -rœ¹º ø?√´ ^-±1ø³¹, ~´√±´ ^-±1Ó-1 É√Úøðð´, †G flj±ø´√Úœ´ øÉ-±flj Δ´ flj±-r...1%ø-Ú± fljø1ÄÄ√º Ó-Ó±ø-Ú
øflj1±Ó-±É≈√Úœ´, ff´ø´ ^-Ú³Q´√œéÚ´Ú´√´, ° ø-±Ä´ Π´Ó-´ ððøÓ-É√Ú´ -Ú±S1´ ≈±ø´Ä-±1´ ≈øMè√-Ú´l«, Ú...±´, -
ÚœøÓ-1 Í-øøMè√´ø?√´, ±´Δ´√ÄÄ√´ø, Ä-±1Ó- ^-±1ø³¹ øÚÉ√¶± %ø-±Ó≈´ «... -Úø1¶É´-É-´Δ´√ÄÄ√´
º [1] ^-±1ø³¹ øÉ√Ú´ øÚ-Ú≈l Δ-±´, ±flj1lø-±?√´±øÄ√´º -
Ú±ølÚœ´, -r...±flj1l´ -rððø, X øÚ´, 1 Í-ø?√´√´1l´ ø?√´, ±Ó- ÆÓ-»´ -Ú±Öflj´Ó-´ ±øÄ√´º [2] ^-±1ø³¹ 1%ø-Ú±Ö´ œÓ-
fljì«fljÉ≈´, ?√œ, «´, ±´, ≈Mè√´ -Ú?√±³´ œ´ ±1nΠ´ -r...³´√±±Ó-´ s1±øÉ√1´ ððÄ´, ±´ -Úø1´ øé-Ó-´ "√´, ° -Ú±Í-±flj1
1nΠ´ø%-1´ ððøÓ-´ é-±1±ø±´ ^-±1ø³¹, øÚÉ√´ ø´ äÚ-Ú≈l...Ó-±1 -Ú±1?√ø´ «Ó-±´ Æ?√±²±´ø√´Ö´. ^-œ¹Ó-±1
´, ±Ä-±´ fljø1ÄÄ√º, -r, ±Ö±1l´ ÄÚ±çð±´√œ´Ö´-Ú´l«´ ø´ øÚ´ ÆÓ-»1´ øÉ-± ø-±Ä´ Π´Qº Æ, "ø√ flj±1Ä1 é´ ^-±1Ä-±1Ó«
Æ·Ä1º ff í -r≈ø´ ððø, øX´ ±ÄÄ√º -ÚøGÓ-´, ~±É√ flj±ø´?√±´, 1 Í-ø-Ú´ ±1 ?√Ä1 ^-±1ø³¹´Ó« Æ·Ä1º Ó-´ ~±*º ø~Ú±Ö1

~ÀÓ- Ú±ø1flj 1 øÚø%-Ú± CE°øÓ- , ±Ö°Àflj "ø√", ±1 fljÀí-±1 -í±"√...±èì CE^ -?√ fljø1 ø^ -Ó-1Ó- øðÀ^ flj± Ú± ± , CEÓ-øÓ- , ±Ö°Àflj ^ -±1ø±1 fljø-í-±1 1, -Ú± flj± ±?≈√- , ±Ö... [3] ^ -±1ø±1 flj±-í-...Ó- -Ú±øGÓ-... øð?√ "«Ú Ó-Ó± flj ± øð?√ "«Ú ^ -±±±Ú± 'øÓ- %-» flj±1-Ú±"«ø flj±1-Ó-±Ê≈«√Úøe" , ~115Ó- , « Ó-±À1"ø√ øÚ?√ "«Úø ±s± -flj±1 Ó-Ó± 'Ó«± -flj±1 í-ð-í- , À1 øðÀ" , ± CEÓ-»1 ø±øÚÓ- CE-Ú±± ± ± , ° 'Ó«± -flj±11 ø^ -Ó-1Ó- í-ð-Ú± , 1+-Úflj, í-ð»Àøðé-± , ±À , ±øMè√, øÚ?√ "«Ú± , ~ flj, CEù±-Π ±1nΠ øðÀ" √ø flj± ±±ø?√ Ò «...~" flj ± -flj±11 øðÀ" , ± -í-Ú -Úø1 ±Àì CE?√±± ± ± , ° [4] ø-ø-í-Ò À√ øðÀ" , ±-Ó- fljø-í-É√Ú -Ú±.«Ó- ±øÀ√"ø -í- ¶öø-í- ^ -±1ø±1 øøð" , À√μø "ø√", ±1 -í-ø"√À1> "ø√f-í-øgt;±, í-ðÀ-Úf-í-ÉÉ√±, ^nÓ-ø-í-ø ø•ÛÓ- , øð"√ø-Π«Úøe, ¶±-Ó-± , -Ú±øøÚÓ-±ø±± ±ø?√ À√μ1 øðÀ" , ± fljø1ÀÀ√° ±R~" ...± , Ú øðüø flj±1-Ó-±Ê≈«√Úøe" , f1 ~" flj±1-í-ø flj ± Σ [60 È-± s1 ø^ -Ó-1Ó- í-ðM√√1 ø ±flj]

..... 4.4 ^ -øA flj±ø?√±, 1 -Ú1±ø«-øe ~-Ó- ±ø-í- «-±± CE"√±±± flj±-í- , flj ± -Ú±øGÓ-... øð?√ "«Ú øøð" , '±øÀ√"ø ^ -±1ø±1 flj ± -í-±?√øe flj±-í- ±1nΠ CEÓ-»1 -Ú1±ø«-øe ^ -øA ±øÀ√"ø ø-í-±...±Ó- Δ-í- , ±flj±ì ±1nΠ " -flj±1-í-±?√øe flj±-í-ø CE, "ø√ -í-±À-í-ø CEÓ-»"flj -í- ...±flj±ì ±À¶±-ÚÀ?√ ±øe flj±-í-ø ±ø± CEflj±±± "√", ° flj±1ì CEÓ-»" -í-

..... 1...±flj±1ì í-ð-ÚÀ?√" ø?√-í-Ö" è1±±ì -í-ò-í- ± ^ -øAflj±-í-... 1%-Ú± flj±1øÀ√" -í-ø± È√Ú± ± ± , ° ^ -øA1 '±ø±^ «-±± flj± ± CEflj±-í-ø , ± ±ø√ø ø-í-ΠÀ" , Çø"√√À" ±... øð±ì ±øÓ- , ± ±ø?√-í- -Ú1± Ú±"ø√øe ±" ~"√±flj±-í-...1 CE"Π1 Ú-±À" Òflj± ±È-± CEù±±flj± ->Ú1Ó- ø^ -øM√ flj±1 ±ø√ÀÈ-± ø¶ö1 flj±± Δ"√√ÀÀ√ CE" ^ -øAflj±-í-... -í-± ±±ì -í-ò flj±-í-...1 1%-Ú± -í- ^ -øe1 1È√± ±ò1À, Ú1 1±È√Qflj± Ó- "√", ° øðÈ√±-í- , ~ ±ò1À, Ú1 flj±øøÓ«-±-ø±1>Ú-±À" øð±-±ø±1Ó-ø CEù±±flj±-í-ø ± ± ±ÀÀ√ñ èflj±±...ø?√- ø±ø"√√Ó- - ~ , ± -í- ^ -í-±- ±ò1À, Ú ÚÀ1f-Ú±ø" Ó-± , ± f f ø flj±øøÓ«-1ÀÓ-± ^ -ø±-±í-±-Ú , ... Ó- , ... CEé-± flj±-øé-øÓ-À-Ú± ^ -ø-øðÈ√±Ú±"±±í- ^ -øAflj±-í-... 22ø35 í-ðMè√ CEù±±flj± -Ú1± -í-ÚÀÓ-± -ÚøGÀÓ- ~Ó- CE-Ú±-Πì flj±1 CE" flj±-í- ^ -øA -í- ^ -øe1 1È√± ±ò1À, Ú1 1±È√flj±-í- ±1nΠ 1±È√flj± ±1, flj ± 1ø1nΠ± 1±È√flj± ±1, flj ± flj -í-... ±flj±1ì : ±Ú ø?√-í-ø øÚø"ÀM√ CEÓ-»" è ^ -øAflj±-í-...i 1%-Ú± flj±1ø ±ò1À, Ú Ú± 1 %-ø±ø±1È√Ú 1È√±"ø√ CE-í-À" CE-í-À" , ~ , Ó- -í- ^ -øeÓ- 1±È√Q flj±1 flj± ± í-ðÀ-± ±ÀÀ√° CEÓ-»"À" ±Àflj 500±-1 -Ú1±

650±øÚ±sÖ°Àflj 1±È√Q flj±1øÀ√"ø ±"À" ±flj±1 CEflj±È√Ú 1È√±1 -Ú"á-À-Ú±-Πflj±-í-ø- ^ -øAÀ" , ~ ^ -í- flj±1 Ó-±flj± CEflj±±± È-±Ú± ±±Ú ø" ±Àé-SÓ- ±ò1À, Ú ø±ZÓ-øe" "ø√" ^ -øA Ú±À" -ÚøGÓ-í-ø" ~ø?√±Ú flj±1 flj± ± í-ðÀ-± flj±1øÀÀ√"ø ±ø√ÀÈ-± , Àμ"√√È√Úflj flj± CE" CE, "ø√È√Ú ^ -øAÀ" , 1±±ì -í-òflj±-í-... 1%-Ú± flj±1øÀ√"ø Ó-Ó±ø-Ú ^ -ø?√±Ú Çøø"√√Ó-± ^ -øAÀflj±"ø√ è1±±ì -í-òí-1 flj±-í-ø ±ø± Òø±1À" CEÓ-»"1 ±

ø-í- ^ -ø«±± flj± ± ±øÚøe" , 5" øÓ-flj±1 øðø" ^ -±-í-ø ± flj±-í-ø Ú±ø±ø 4.4.1 1±±ì-í-ò flj±-í-... ^ -øA1 1±±ì-í-ò flj±-í-... 1± ± ± , Ì1 flj±ø"√√Úøe1 ±ò±1Ó- 1ø%-Ó-ø flj±-í-...±Ú 22È-± , «Ó- øÚ±øe flj±-í-...±ÚÓ- CEÓ-»" 1± ± %-f1 È√ij1 -Ú1± 1±±ì-í-ò1 -Ú±À√Ó- 'À" ±ò...±1 1±È√ ø"√√%-±À-Ú [1±] 'ø ^ -ø-ΠMè√ CE"√±±±Ö" 1± ± flj ±ò±-í-«Ú± flj±1

ÀÀ√° ^ -øAÀ" , -í-...±flj±1 ±1nΠ " -flj±11 ø-í-ΠÀ" , À√±Sflj : ±Ú ø?√-í-Ö" ±ø√ø ÇøLø 1%-Ú± flj±1ø flj±-í-...±Ú %-ø±ø±1È-± flj±GÓ- ø-í- -Mè√ñ [1] øðflj±øe« flj±G [1-5 , «] [2] 'øðflj±1 flj±G [6-9 , «] [3] øð , í-ø flj±G [10-13 , «] [4] øÓ- , √øL flj±G [14-22 , «] [1] øðflj±øe« flj±

G flj±-í-...±Ú1 øðø" -Ú± %-È-± flj±Gflj øðflj±øe« flj±G -í-ø± È√Ú±È√±Ó-ø"ø√", ±Ó- 1± ±1 È√ij1 -Ú1± 1±±ì -í-ò1 -Ú±À√Ó- 'À" ±ò...±1 1È√± ø"√√%-±À-Ú [1±] 'ø ^ -ø-ΠMè√ CE"√±±±Ö"Àflj 1± ± flj ±ò± -í-«Ú± flj±1øÀÀ√° -í-...±flj±1ì ?√øøÚ-í-øeÀ1 %-ø±À" 1-4 , «Ó- CEflj±ÀÚ± øÚø?√øÚ " ± %-ø±ø CE?√±± Ú± ± ± , ° '±À" ... flj±-í-ø øðøÓ- -í-±1 ¶±±é-1 Ó-±Ó- ±ÀÀ√° -Ú± ~ , «1 , 1"√" -í-ø CEù±±flj øðflj±øe" ±Àò±Ú ?≈√í-±"ø√Ó- èÈ-í- øðÓ-... , ' ±1nΠ ' ± øÒflj±11 [104-107] øðÀ" , ±1 , -Àflj±-í-ø CE-Ú±± ± ± , ° [2] 'øÒflj±1 flj±G -Πá- -Ú-í- , «Àflj ±ø√È-±flj± 'øÒflj±1 flj±G CE-í-± ± "√", ° "ø√", ±ÀÓ-± øðflj±ì« CEù±±flj ±ÀÀ√° "ø√", ±Ó- -í-...±flj±1ì øÚ , ~ , CE"ÀÚ ?≈√"√±ø?√ ø±Zflj±"flj ±ò±-í- [6, 8-10] , Ó-±26√øø flj±-í-±?√øÒflj±1 [7" 8-33] , ^ -±À± flj±M«√√ø±1 øðÀ" , ± [7" 68-77] , ±RÀÚ-Ú?

√±øÒflj±1 [8" 70-84] 'Úø"ø"√√ÀÓ-...øÒflj±1 [8" 94-139] ±ø?√1 ->Ú1Ó- ^ -øA1 ~òL-í-... CE-Ú±± ± ± , ° [3] øð , í-ø flj±G Ó-Ó-øe" , flj±GÀÈ-± [10-13 , «] ' -flj±1 ± ¶±À1 1ø%-Ó-ø"ø√ø øð , í-ø flj±G -í-ø± È√Ú±È√±Ó-ø"ø√", ±À1 10" , «Ó- ' ± ± -flj±1 ±1nΠ 'Ó«± -flj±11 'ÀÚflj CE" -?√ í-ð-ÚÀ" -?√1 -í-...±"√±ø±1 flj 1+-Ú CE?√±±± Δ"√√ÀÀ√° 11" ±1nΠ 12" , «Ó- SèÀ" ±ò±"«... ±1nΠ ^ -±ø-í-øflj±1 CE" -?√ CE?√±±± Δ"√√ÀÀ√° SÀ" , ±±√" , «Ó- ^ -±-Π± , ~ CE"Π1 CE" -?√ øðø?√ø"Ó- Δ"√√ÀÀ√° [4] øÓ- , √øL flj±G 14" -22" , «Ó- Ú ø-í-ò flj±1 ø"√√ , ~ , È- , ~ , √√ , ~ , √√ ±1nΠ ±È-1 -í-...±"√±1 Sè" øð?√ø"Ó- Δ"√√ÀÀ√° ±ÀÚ?√À1 ^ -øAflj±-í-...Ó- -í-...±flj±1 ±1nΠ " -flj±11 øðÀ" , ± flj±1øÀÀ√° 4.4.2 ^ -øA1 flj±-í-... øðøÓ- ^ -±

^ -øA 'flj' , ≈ fljø-riÀ , "ø√√ Ú "√√" , æÊvÚ ^ -r± Δ-ri , ± flj1ø-ri?√ ± 1nΠ øÚ-Ú≈i ± - flj±ø1flj± ^ -øAflj±-ri... "ø√√ Ó-±1 øð ± 1° è ^ -øA flj±-ri...i ± #Ú -riøe11 , øðØ±Ú flj±-ri...° ± À ... ' ± Ú ' ± Ú 1 , À1± CE-Ài- ^ -r±À± , ± À-ri ' Ú , È-ri± Ú "√√" , ° Í-ri±À , Í-ri±À , ' -ri±1 1 , 1 , ≈ μ1 ± 1nΠ Í-ri±ø»flj'±øÚ Í-ri±ø?√± "√√1 CE-Ú±± ± ± , ° -ri«Ú± CEfljÄ ± 1 ø-ÚÚ1 -Ú1± ^ -øA -Úø1-Ú1j Ú "√√" , ° ø-ri-riøe-Π11 fljØ±Ó-ri fljø-ri1 1±ÊvÚøeøÓ-ri : ± Ú1 , ... flj ± ^ -r± , CE-Ú±± ± ± , ° øfljç Ó-ri±Ó-ri fljø-riQ1 ' ^ -r±±ø ^ -øA1 øðflj'±øÓ-ri «Ú± 'øÓ-ri 1"øe" , ° øjZÓ-riøe" , «Ó-ri 1Ó-ri -ri«Ú± 'øÓ-ri" , ~ ÀÚ±À ± ± "√√±ø-ri Ú±øÚ CEÓ-ri± , ± øÚ % -ri CEÚSfljÖä -ri Ú≈ÖfljÚ -ri , À1±ÖÊv(øÚ "øeÚ ^ -riøe-ri -riÚ1fljÚ± -ri ø-rifljÚ , -riøøL "Nøe ± À ± flj ± , ± = S≈èø1-ri±?√À1±ø ^ -øAflj±-ri...1 13" , «Ó-ri CE-Ú±± ± èCE , Ó≈-ri-riøÚí1 >-riÚ1Ó-ri øð±1À , Ú1 CE , Ó≈-riø1 øð ^ -r±± -riÚ1± fljØ± CEflj±ÀÚ± CEflj±ÀÚ± -riÚøGÀÓ-ri ~ Ó-riÀ-riÚ± -riΠ1 fljÀ1° ^ -øAflj±-ri...Ó-ri Àvμ1 Δ-riøe"øÚ... , øeø ~ Ó-ri 'øðflj±1 ± 1nΠ øÓ-ri , √δL flj±GÓ-ri -ri... ± flj111 øðÀ" , ± -riøÊv± >"ÀÓ-ri fljø-riÀ" , , ?√± , 'Ú≈d-riÚ Àvμ1 -ri...±" √√±1 fljø1ÀÀv±ø øðfljçæ« flj±GÓ-ri CEÓ-ri" Í-ri±ø-riÚÊv±øÓ-ri , 1nΠø%-ri± , ± øÚ øe ± ø?√ Àvμ1 øðÀ" , ± fljø1ÀÀv±ø ± R" ~ ... ± , Ú øðüü fljø-ri ^ -øA1 Êvøe±Ú-riMv√ ± 1nΠ flj ± 1 ø-ri ΠÀ" , ø" flj Σ [50 È-ri± 's1 ø ^ -riÓ-riÓ-ri Í-ri±øMv√1 ø" flj]

..... 4.5 ~ ± , ^ -ri±1Ó-riøe" , ~ "√√±flj±ø-ri -riÚ1·Ú1±Ó-ri fljø-ri ~ ± 1 Ú ± "øÓ-ri ±?√1øe" , ° , -rifljØ± flj±-ri... Êv-riÓ-ri -riÚ = ~ "√√±flj±-ri...1 ø ^ -riÓ-riÓ-ri ~ ± 1 èø q-riÚ± -riØi 'Ú...Ó-ri ~ "√√±flj±-ri...° ± Ú -riU fljø-ri , flj 1 ?√À1 ~ ± 1 Êvøe±Ú -riMv√Ó-ri ^ -ri± ?√À1 ÊvÚ± Ú ± ± , ° Ó-riØ±ø-riÚ ± À , øÚÊv1 ~ "√√±flj±-ri...Ó-ri CEÓ-ri" 1 ø-riÚÓ-ri -riÚø1%-ri , ± ø?√ ø?√ Δ-riÀÀv±ø Ó-ri±1 -riÚ1± -riøÊv± ± ± , CE CEÓ-ri" 1 ø-riÚÓ-ri Ú ± ?√Mv√flj è , -ri«± | " , i ± 1nΠ ø-riÚÓ-ri± ~ "√√1 Ú ± , ≈ øð ^ -riÀ?√± , ≈ øð ^ -riÀ?√± , •fljæg CEÓ-ri" ± "ø√√?√À1 ø"ø±ÀÀvñ è , -ri«±øðflj±1øe , ≈ flj'±ø-ri±øðflj±1-ri zÖ" «Ú± ^ -ri , ... ± "ri± 1±-riø" Mèv ?√øøÚ ø-ri«1Êv± -ri , Ö?√± CE? √À± ± "√√-riÚ1-ri , ≈ øð ^ -riÀ?√± Ú ± ±øq ± "ø√√?√À1 ø-riÚÓ-ri± ~ "√√ , ≈ øð ^ -riÀ?√±flj CEflj±ÀÚ± zÖ" «Ú± ^ -ri Ú ± À" 1Êv±1 ~ Løe -riøø CEflj±±± Δ" √√ÀÀv±ø -riÚøGÓ-ri ~ "√√1À-ri±ø-riμ ± fljæeÀ" , CEÓ-ri" , •Ú±?√Ú± flj 1 èø q-riÚ± -riØi1 [-ri±1±Ú , ø 1979 , -riÚá-ri± 805] -riÚ±Ó-riÓ-ri zÖ" «Ú± ^ -ri Í-ri±ø"ø√√Ó-ri z-ri ~ "Ú Ú ± ± ± ÀÀv±ø zÖ" «Ú± ^ -ri Ö± , y± øÊv1±È-ri -ri ~ -riøe 1±Êv-ri -ri 1 øÓ-ri flj ± ± øÀv"°

-ri± ± -riÚøGÓ-ri 1ø%-riÓ-ri èCE ^ -ri±Êv øð±gíÓ-ri ~ ± , ± 1nΠ CEÓ-ri" 1 -riÚøe1 ?√±Ú "øe" ^ -ri± -ri , , øe øð -riø , Ó-ri Δ" √√ÀÀv±ø ΔÊvÚ fljø-ri CE 1nΠø≈-riøe±%-ri± ± "ø√√ CEÓ-ri" 1 èøð±gø%-øL± ± øi çðLøÓ-ri ~ ± , fljø-ri1 Í-ri±ø»flj'±øÚ «ù" «... ø-ri" -riøÓ-ri1 fljØ± Í-ri±øÀ± fljø1ÀÀv±ø CEÓ-ri" ~ ± , ± 1nΠ CEÓ-ri" 1 -riÚøe1 %-riøø1S fljçø«-riÀÚ± fljø1ÀÀv±ø zöð ^ -ri±Ó-ri%-riøf øðlæÓ-ri èøð ^ -ri±±flj±%-riøø1Ó-ri1 [, •flj]-1334] %-riø≈-riV«" -ri -riÓ-ri fljø-ri ~ ± 1 ø-riÚÓ-ri -riø-riÚÓ-ri± ~ "√√ , -ri± , fljØ±Ú ± 1nΠ CEÓ-ri" 1 ± ± ? √±Ó-ri± 1Êv± z-ri ~ "Ú1 øi±Ú±fljçø«-riÚ fljø1ÀÀv±ø ~ ± 1 flj ± ± ± 1 %-riøø1Ó-ri fljçø«-riÚ flj± ± CE ^ -ri±Êv øð±g , øð±g ø%-riøøL± ± øi ± 1nΠ øð ^ -ri±flj %-riøø1Ó-ri1 1%-riøÚ±flj ± SèÀ" , -ri«ri 1249 , 1461 ± 1nΠ 1334 -riøø ÊvÚ± ± ± , ° øÓ-riÀflj ~ ± 1 flj ± ± flj±?√" øÓ-ri flj±1 -riÚ±ÀvÖ" Ú ± ± , ° øð±g ø%-riøøL± ± øi1 -riÚ1± ÊvÚ± ± ± , CE ~ ± , ± øÀv" CE ^ -ri±Êv 1Êv±1 -riÚ1 ~ -riø≈ ± 1 , ± ø-ri« ^ -ri±± flj ± , 5" Ó-ri±øe± ± À , CEÓ-ri" 1 çðLø1 øi-ri± "ø√√Ó-ri è ~ "√√ ^ -ri± -riΠ...i Ó-riØ± èflj±ø flj±-riøMv√i1 Δ , ÀÓ-ri Ú... ± 1 fljØ± Í-ri±øÀ± fljø1ÀÀv±ø flj±ø flj± -riøMv√1 1%-riøÚ± -ri± Ú ± 1nΠ Êv" , ± ø?√Ó-ri... "ø√√ , 5" øÓ-ri flj±1 ± Êv" ^ -ri±Ó-ri fljÀ1° ± ÀÓ-riÀflj ~ ± 1 , " , 5" øÓ-ri flj±1 CE Π -ri± 'øÚ" øÓ-ri flj±1 ± ø?√ ^ -ri±ø Ú ± "øÓ-ri flj±Ó-ri ØvÍÚ...± ± flj 1 1%-riøflj ± Úμ-riXÀÚ CEÓ-ri" 1 çðLøÓ-ri [2' 27] ø q-riÚ± -riØi1 Í-ri±øÀ± fljø1ÀÀv±ø øÓ-riÀflj ~ ± , ± Úμ-riØ«Ú1 ± 1° -ri± ~ Ú±%-ri± ± "ø√√ [± -ri Ú ± "øÓ-ri flj±]Ó-ri CEÓ-ri" 1 èflj±-ri...± -ri flj±1 , "S -riøMv√iÓ-ri ~ ± , flj±-ri...1 3" 8CE±±flj 1 Í-ri±øXøÓ-ri ø?√ÀÀv±ø ± ÀÚÀ-ri±1 Ó-riÓ...1 ø -riøMv√Ó-ri ~ ± , flj 7-8 øÓ-ri flj±1 fljø-ri -riøø -ri -riÚ±ø1 4.5.1 ø q-riÚ± -riØ-ri flj±-ri... ± Ø±1 -ri ~ "√√ ^ -ri±1Ó-ri1 , ^ -ri±-riÚ-ri«1 33-42± "ø√√ ?√" √√ 'Ó...± , Ó-riØ± z æv± ± øÓ-ri -riÚ±1±1 74 'Ó...± , Ó-ri ø q-riÚ± -riØi1 fljØ± CE-riÚ±± ± ± , ° "ø√√" , ± 1 >-riÚ1ÀÓ-ri CE ^ -riøÈ-ri fljø1 fljø-ri ~ ± À , ø q-riÚ± -riØi Ú ± À" flj±-ri...± 1%-ri

Ú ± fljÀ1° flj±-ri...± 20È-ri± , «Ó-ri ø-ri ^ -ri Mèv' ± 1

nΠ , -ri« ~ Í-ri 1650È-ri± CE±±± flj ± ÀÀv±ø flj±-ri...1 fljØ±-riδ -ri 1" , «Ó-ri CE?√±ø-riΠ« Ú ± 1À?√ "ø√√f1 %-ri11 -riÚ1± jZ±1flj±flj ö zflj' -riÚ1 %-ri1Ö" ± ± , ° CE , ± ± , »flj±1 fljø1 zflj' -riÚ "ø√√ CE?√±ø-riΠ« Ú ± 1?√flj ± ± ~ Ú1 Í-ri±øÀv" ... CE , ± ÀÓ-ri CEÓ-riøÓ-ri , ± CE? √±ø-riΠ« À" , flj , CE "ø√√f" "ø√√ ø q-riÚ± flj -riØ flj±1±È-ri± ø-ri%-ri±ø1ÀÀv±ø ø q-riÚ±À ÊvÀij ÊvÀij ø-ri ≈ Ú1 SnΠÓ-ri± ± %-ri1 fljø1 ± ø" √√ÀÀv±ø CE , À , CEÓ-ri" -riØ...° "ø√√" , ± Àflj Δflj Ú ± 1À?√ flj' -riÚ1 %-ri11 -riÚ1± ø-ri?√± , " , ° øjZÓ-riøe" , «Ó-ri zflj' -riÚ "ø√√ -ri 1± ± 1nΠ Í-ri±øX±À1 Δ , ÀÓ-ri ~ Lal± fljÀ1° CEÓ-ri" À ± Àflj ± À ± %-riø-riÚ± fljø1 Ó± Àflj±ÀÓ-ri "ø√√" ≈ øØá-ri11 -riÚ1± 1±Êv" , " : 1 øÚ Lal1 -riØ-ri± -riÚ± , ° -ri 1±À" ± À ... 1±Êv" , " , 1 ± Lal CEÚ>ø%-ri CE%-riø?√1±Êv... ± Sè" flj 1±1 fljØ± flj , ° øfljç Í-ri±øX± øðØÀ" 1±Êv" , " , : Ö" CE ± ± ± ± ± ... flj -riøø flj , ° Ó-riÓ-riøe" , «1 -riÚ1± 'øÚ" , «Ö" ± "ø√√ ÀvÈ-ri± , «Ó-ri zflj' -riÚ , Ö , ÀÚ... 1±Êv" , " , " : ± ÀÓ« "ø√√föðfljöÖ" CE ± ± ± 1 ø-ri±1 ± ÀÀv±ø -ri±È-riÀÓ-ri , ± 1øØ ?√± 1nΠ flj 1 ~ ± À± 1 Δ1±Ó-ri flj -ri Ú-ri«Ó-ri CE ± ± ^ -riø-ri«Ú± fljÀ1° "ø√√" , ± 1 ø-riÚÀvÓ-ri CE , Ú ± øÚÀ-ri 1 -riø-ri«Ú± CE-riÚ±± ± ± , ° -riΠá , «Ó-ri Y-riÓ≈-riø-ri«Ú± , 5" , «Ó-ri -riÚ ø-ri "√√±11 -riø-ri«Ú± , 'øÚ" , «Ó-ri Êv" Sècei-ri ± 1 -riø-ri«Ú± CE-riÚ±± ± ± , ° "ø√√" , ± Ó-ri -ri±11 ± øðflj... CE?√±± Δ-riÀÀv±ø 11" , «Ó-ri zflj' -riÚ1 CEÈ-ri±-riÚøÚ ^ -ri±øø , √√-riØ Δ-riÓ-ri±ø flj , flj 1 ~ ± Ø-ri øð ^ -ri±Ó-ri -riø-ri«Ú± 1 Àvø-ri ± ÀÀv±ø ± "ø√√" , «Ó-ri fljø-riÀ" , ≈ À "«...±?√" , 1 -riø-ri«Ú±Ó-ri øÚÊv1 'Ú≈" -riøÓ-ri ± 1nΠ , -riÀ-ri?√Ú øe" √√±?√" , 1 -riÚø1%-ri , ø?√ÀÀv

° -Ú±ù«´ ±´ ˆ~...?√´, #´- 8´ ˆ´ Ó±±œ1 ΔÊ√Ú fljØ-ı øÊ√Ú±, ÀÚ ΔÊ√Ú Ó-œÖ«Ç1, ðL -Ú±ù«´ Ú±Ö1 Ê√œ³Ú %ø-Ø1Ó-1
'³·ŸÚÓ-Ú±ù´ ±´ ˆ~...?√´, Ú±~1?´√Ó-flj±-ı...#Ú 1%-Ú± fljÀ1° %ø±Ø1Ê-±, «Ó-1%-Ú± flj± flj±-ı...#Ú1 364Ê-±
CEù±flj1 ø´-Ó-1Ó-1 ø±±, 120Ê-± CE´,?´√Ó-1 CEù±flj´ ±
ÀÀ√° 4° CEÚø´?´√Ó-1, 5´ ˆ´ øÓ-flj±Ó-1 ø-ıSê´
Ú±~1 fljØ-ıÀ´, ¶Ÿ±´ œ CEÚø´ Ú±Ö1 Ê√œ³Úœe1´ ±Ö±1Ó-1 CEÚø´?´√Ó-1 flj±-ı... ø±±´, Ú fljÀ1° ¢´ ˆ´√#Ú flj±-ı...ÀÓ-±
CE´,?´√Ó-1 125Ê-± CEù±flj, øıßø³ÖÚ flj±± Δ´ √√ÀÀ√° ´ ˆ´√´, ±
À1±-Úø1 CE´,?´√Ó-1´ ±´ ˆ´ Ó-1 ø-ıø´-ıß fljØ-ıÀ´, ø-ıø´-ıß?´√Ó-flj±-ı... -ı±, Àµ´ flj±-ı... ø±±´, Ú fljØ1øÁ√´ ° CE´, ´ ˆ´√À-ı±11
ø´-Ó-1Ó-1 Í-ıÀ~#À´ ±´...´ √√ı´ ñ CEÖ±´, œ fljØ-ı1 è-Ú±U?´√Ó-ı, Í-ıØVG fljØ-ı1 èCEflj±øflj´, Àµ´ ı, CE-ı-fljÊ-Ú±Ö fljØ-ı1
è´√√-, Àµ´ ı, -ı±´ Ú´-A -ı±1 è´√√-,?´√Ó-ı, Í-Mè√fljØ-ı1 +ı-Ú CE±¶Ÿ±´ œe1 è´√√-,?´√Ó-ı, -ıefljØ-ı CE´ ±´ ±Ú±Ö1
è-Ú±Lø?´√Ó-ı´ ±ø?√°
5.8.2 ´e±1flj±-ı... ø´ À-ı±1 #Gflj±-ı...´ e±11, ±Rflj flj±-ı...Ö´ œÓ-1 ø%-Ó-1 CE´, ´ ˆ´√À-ı±11´ √√ı´ ´e±1´´ flj #Gflj±-ı...
-ı± ·œøÓ-flj±-ı...´ ~±...´ e±1flj±-ı..., ´´√√´ √√ı´ ñ 1° Ý-Ó~ı, -´√√±1´ ´√√±fljØ-ı flj±ø´?√±, 1 èÝ-Ó~ı, -´√√±1ı #±Ú
, ~µ1´ e±1 #Gflj±-ı...´ ç±
œÉ, -ı¶«±, 1», CE´ √√´ ðL, ´œÓ-ı, ðLñ ¢´ ˆ´√√´ Á√´, Ý-Ó~ı-1, ~µ1 -ıı«Ú± 114Ê-± CEù±fljÓ-1 flj±-ı
ı...#ÚÓ-1 Í-ıØ-Ú´ t° çLø±ÚÓ-1
ø±ÀÓ-ı...flj Ý-Ó~ı-1´ ±´ ˆ´ ÚÓ-ı ±±ø´ √√...flj Ê√-Ó-1 Ó-Ö±´ ±Ú±´ ´√√+?√´, 1 -ıØ1°Ö«-ıÚ
Ó-Ö± CEø±ø´ flj-CEø±ø´ flj±1´ ðL11´ ˆ´ ±±Ö±1±´ ˆ´√√´ flj±-ı...#Ú1´ ~±... ø-ı¶´, ° flj±ø´?√±, 1 1%-Ú±#ÚÓ-1 -ıı«ÚÖ´ ´œ,
flj´ ±-flj~´ Ó-±, ´-flj±11 ø±±´, ±´ ±ø?√ø?´√´ À-ı±1 -Ú´ «À-ı-ı fljØ1Á´ flj±-ı...#Ú CE´ #flj1 ø±±1øıflj 1%-Ú± CE´ Ú CE-ı±Ö
´√√´, ° ´ ˆ´√√´, ±À1±-Úø1 flj±ø´?√±, 1 Ú±À´ À1 CEflj±ÁÚ±´ ±Ú fljØ-ıÀ´, 12´ Ó-ı±œe1 -Ú±Á√Ó-ı è´e±1 øÓ-1´ Ó-ı,
è-Ú±œÖÚ-ı±ıø´ fljı´ ±1n¶´ è1±é-, flj±-ı...ı Ú±´ 1 øÓ-øÚ#Ú´ ´e±1´´ flj ·œøÓ-flj±-ı... 1%-Ú± fljÀ1° 2°´ 1n¶´ Ó-flj´ 1n¶´
-ı±´ 1n¶´flj Ú±À´ À1 ¢Ê√Ú <øÓ-´ √√±ø, flj fljØ-ıÀ´, ´ 1n¶´ Ó-flj Ú±´ 1 ·œøÓ-flj±-ı...#Ú 1%-Ú± flj± -ıø´ CEflj±±±
´√√´, ° çLø±Ú1 ø-ıø´-ıß -Ú±Í-Ó-1 ÚÖ-ı31 -Ú1± ¢´ CE-Ú±g1Ê-ıÖ´ Áflj CEù±flj CE-Ú±±±´ ±´, ´ø?√´ Ó-ı±1 ø´-Ó-1Ó-1
51Ê-± CEù±fljÀ´ √√´ ø±ÀÓ-ı...flj -Ú±Í-ÁÓ-ı, ±ÁÚ CE-Ú±±±´ ±´, ° flj±-ı...#Ú1 >-Ú1Ó-1 CE-Ú±g1Ê-ı± È-œeflj± CE-Ú±±±
´ ±´, ° ø±±±?√´ ÀÓ-ı´ -
flj±%-ı±´ «´ ˆ´√√´ GÚø´|1 -ÚPœe´ ˆ´ ±1Ó-ıœ´, 1 øÓ-ø-ı¶´, flj ø±±ü1 Í-ıØM√√1 ø?√-ıÖ´, ´ ˆ´ Ö´ CE´ √√±±±Ó-ı CE´ ±-ø-ı?√...
±1 jz±1±´ 1n¶´ Ú±´ 1 ¢Ê√Ú 1Ê√±1´ ~Ó-ı
À?√´ √√Ó-1 ø±±´ fljØ1 1Ê√±1 -ÚPœe, flj´ 1 Δ, ÀÓ-ı´ ´e±1 CEfljØ´ Ó-1 Ó-ı Δ´ √√´ -Ú±Ú1±´ ˆ´√√´ øÚÊ√1 CE?√´ √√Ó-1 ø±±´ fljÀ1°
¸ÁÚ?√Á1´ ±´ -ı flj±´ ±ÁÚÁ1 CEÓ-ı´ ø´-ıß±±¶Ÿ±±Ö±Ó-1´ ıœe1 Ê√œ³Ú Ó-Ö± CEø±1 -ıı«Ú±Á1 è´ 1n¶´ Ó-fljı çLø±Ú1 1%-Ú±
fljÀ1° ´Ç11, ±Rflj flj±-ı...#ÚÓ-1 fljØ-ı1´ ˆ´ ±±1´ ·œe1Ó-ı±, ´ ±±¶±1´ ±ø´ Ó-ı... CEø±1´ ˆ´ ±±±Á-ı-ı ±ø?√´ øÓ-ı´ √√+?
√´, ç±±´ √√œe 1+ı-ÚÓ-1 ø±flj±´ -Ú±´ ˆ´√√ÁÁ√°´ ±´ -flj±ø1flj´ ±Úµ-ıÖ«ÁÚ èÖÚı...±Á´ ±fljı çLøÖÓ-ı´ 1n¶´ Ó-fljı´ ˆ´-ı´, ´œ
ø±-ı, ± fljØ1 çLø±ÚÓ-1 Öflj±´ ~Mè√flj Á√µ1 CEù±flj, ´´√√Ó-1, ±1n¶´ ˆ´ ±±1´, ~Ó-ı±1 fljÖ± ¶Ÿœeflj±1 fljØ1ÁÁ√° 3
° CE%-Á1-Ú±±ø´ flj± ¢flj±?√´´ øÓ-ı±1 flj±ø±´ 1œe fljØ-ı ø-ı´ √√ÁÚ
CE%-Á1-Ú±±ø´ flj± Ú±´ 1 #±Ú é±ı-ı ·œøÓ-flj±-ı... 50Ê-± CEù±fljÓ-1 1%-Ú± fljÀ1° CEø±ø´ flj-CEø±ø´ flj±1´ ~Ó~1
ø´ ÁÚ´ ˆ´√√´ Δ´ √√ÁÁ√´ çLø±Ú1´ ~±... ø-ı¶´, ° flj±-ı...#Ú1 ø±øÓ-ıÀÊ-ı± CEù±fljÀÓ-ı CEø±ø´ flj fljØ-ıÊ√ÁÚ CEÓ-ı´ 1
ø±ø´, Ó-ı´ ±fljı ¶Ÿı1 fljØ1 ø±±´, 1´ ~¶Ÿı´ «œ-ıı«Ú± fljØ1ÁÁ√° -ıı«Ú±´ Ú±, ø1 8Ê√1±Ê-ı1 1Ê√± -ıœe1ø, -´√√1 fljı...±
%-fflj´ ±1´ ´√√´ é-ıflj´ ±øÁ√´ fljØ-ı ø-ı´ ´√√´ flj±´ Sê´ Ó-ı ø-ı´ ´√√´ ±1n¶´ 1±Ê√fljı...±1 CEø±1´, °Úfljı ø-ı´ Í-ıØÁı´ ±1
n¶´ 1Ê√±´ ˆ´√√´ CEÓ-ı´ Á´ ±flj1 CE±-ÚÚ ø±±´, 1 fljÖ±´ Ê√±øÚ ø-ı´ ´√√flj´ ´~ı-ı...?√G1´ ±Á?√´´ ø?√Á´, ° -ıÖ...´-ı´ ø´-ı´ ~±Á±
Δ´ Ö±Áflj±ÁÓ-ı ø-ı´ ´√√ÁÚ 1%-Ú± flj± 1±Ê√fljı...±1 ø±øÓ-ı Öflj± CEÓ-ı´ 1 ø±±´, 1 fljÖ±´, ´´√√´ 1Ê√±´ ˆ´√√´ Ê√±øÚ-ı -Ú±ø±1
ø-ı´ ´√√flj é-ı´ ±fljØ1 ø-ıøÖ´ ÀÓ-ı øÚÊ√ fljı...±flj
CEÓ-ı´ 1´ √√±Ó-ıÓ-ı´ -ıı«ı fljÀ1°
4°´ ±´ «´, 5´ Ó-ıœe -ıœe 1Ê√±´ é-ıÀ, Ú1´, ˆ´ ±fljØ-ı CE±±Ö«ÁÚ´ √√±´ 1 è, M√√, eı1´ ±ø´ √«Ó-ı, -¶Ÿ´@Ó-ı è´±´ «´, 5´ Ó-ıœe
1%-Ú± fljÀ1° -ı±1´ Ó-ı±œeÓ-ı 1%-Ú± flj± çLø±ÚÓ-ı 731Ê-ı±´ ±´ «±Á√µÓ-ı 1ø%-Ó-ı CEù±flj -ıı«Ú±Sê´ Ó-ı ø´ ±±
Δ´ √√ÁÁ√°´ ±ø?√´ 1, ±Rflj CEù±±
flj, ´´√√´ √√Ó-ı fljØ-ıÀ´, ´ ±Ú fljØ-ı, flj´ 1 ø-ı¶´ ¶Á´, >´ √√+?√´, ç±±´ √√œe ´±Á´ ±%-Ú± fljØ1ÁÁ√°´ ç±
Lø±Ú1 ø±±´, ÚÓ-ı CEÓ-ıÁÓ-ı1 ø´ ¶´, CE´, ±?√ı Í-ıØ?√´, Ú´ ±1n¶´ -ı´ ˆ´-ı´ ˆ´√√´, ´√√±´, flj± -ıø´ CEflj±±± Δ´ √√ÁÁ√°´ 5°
·Ö±Ö±, 5´ Ó-ıœe è±Ö±, 5´ Ó-ıœe ´√√´, ±Ó-ı-ı´ √√Ú-ı-ı´ œ´, 1Ê√±´ √√±Á´, -ç±´ √√ flj±´ ´e±ø1flj´ ±Ö±1, -fljØ´ Ó-ı
flj±-ı...´ ø±ø´ Ó-ı±œeÓ-ı 1ø%-Ó-ı çLø±Ú´ ´´√√±1±@Ü™œ´, ø±±fljÓ-ı´ ˆ´ ±±¶±1´ Ó-ı 1%-Ú± flj± Δ´ √√ÁÁ√°´ ´e±1
1Á, Á1 -Úø1-Úı´ «´ ˆ´√√´ #Gflj±-ı...#ÚÓ-ı´ ~Ú±´ Ê√œ³Ú1 ø-ıø´-ıß ±¶Ÿ±±1, Ê√œ³ ø%-ıSı´ -ıfljı flj±± Δ´ √√ÁÁ√°´ ç±±´ ...
Ê√œ³Ú1, 1´ Ó-ı±´ ±1n¶´ ¶Ÿ±´ ˆ´ ±ø±fljÓ-ı±1´ -Ó-ı, 5´ Ó-ıœe ·Ö±Ö±, ´´√√´ >Ó-ı-Áø±Ó-ı, °Ÿg´ ±ÁÁ√°´ ±R´´´ ...±´, Ú ø±±ü 1°
fljØ-ı flj±ø´?√±, 1 #Gflj±-ı..., ´´√√´ ±Ê√Ó-ı ø±fljØ-ı-ıÚÀ´, ±´ -ı CE?√±´ ±´, ° %-ı´ ~œÖflj ø´ ±±°

øMèVflj±r... :œøÓ-fli±r...1 'òL«Ó-Æø¶±Sfli±r... r± ^-øMèVflj±r... Ò ~«œ' , '±1n¶ 'Ú≈^-øÓ-ø, MèV ^-øMèV1À, À1
, ~X flj±r...° flj±r, flj '1 ±1±0... CE?√³-CE?√³œ1 øðøÓ-øðflj±r CE-Ú±±± ^-r±±±Ú≈^-øÓ, ~"À"√√ ^-øMèVflj±r...1
ÊVø1', ÀÓ-øðflj±r -Ú±"ò√VÀÁV°
fli±r-1 'Ú≈1±' ±1n¶ ør-1±' ?≈VÀ', ± øðflj±1 ^-r±±Ú±À', flj±r..., ~"√VÓ-Í-ò-Ú"t° ≈±... ^-øMèVflj±r..., ~"√V"√VÍ"ñ 1°
'...± ~?√Gfli CEø¶±Sfli±r
i..., ~"√V1 ø-Ó-1Ó-øð±%ø-œÚ flj±r... è' ...± ~?√Gfli flj±ø?√±, 11%-Ú± r±≈ø' CEfli±±± "√V", °?√Gfli Ú±~1 ÁVμÓ-
1ø%-Ó- flj±r...±ÚÓ- r±fÀ?√³œ, 1¶Ó-œ1 døÓ- flj±Δ' √VÀÁV° flj±r...±
Ú1 CEø¶±S, ~"√V1 's' , ¶ÚμÚ1 -r±À-øðLøþÚ1 '±-r±øM√V1 Í-ò-ÚÀ' ±.œ-r±≈ø' ø-À-ø%-Ó-Δ' √VÀÁV° ~é-ìœ', ±À',
CE ~"√V±fli±r flj±ø?√±, 1, ~øÚ CEfli±ÁÚ±r± ±Ú flj±ø?√±À, À"√V çðLøþÚ1 1%-Ú± flj±r±r±≈ø' øð' ±øÍÓ-Δ' √VÀÁV° 2°
.œÓ-À-±ø²μ
, -¶@Ó- ^-øMèV:œøÓ-fli±r...1 "ò√VøÓ"√V±, Ó- r±1' Ó-±sœ1 r±èÀ?√' 11ÊV± ~é-ìÀ, Ú1 1±ÊVfli±r-
ÊV', À?√³ ø-1ø%-Ó- œÓ-À-±ø²μ1 ¶ö±Ú flj±ø?√±, 1 CE', ?"√Ó-1 ø-ÚÁVÀÓ-"ò√V° ±±...±
Ú ø-±1), •¶ø-Ó- ±Gfli±r...±ÚÓ- r±1Ê±, «Ó- ~±í- 24Ê±' @Ü-Ú?√œ-œÓ- '±1n¶ 386Ê± CEù±±fli ±ÁÁV°
1±0±flj' ù1 ø' Ó- œ ±, Ày±' ±1n¶ ø-ìøð' y' e±11 ÊVø1', ÀÓ- flj±r...±ÚÓ- r±ø«Ó-Δ' √VÀÁV° flj±r...±Ú1 '±1yøìÀÓ-
?≈VÊ±?√' ±³Ó-±1 œÓ-Í-ò-Ú' øt "√V", ° èøð', -ÚÀ', ±øÈÊVÀ'í "ò√VÓ-...±ø?√' øðØ' ÀÊ±-œÓ- r±Ú±Í-fli
, ~±ÊV1' ±ÊVÓ-øÓ-Øfli ÊVÚøøð', ° CEøð' 1 Í-ò-±M√V ^-r±±Ú±"ò√V flj±r...±Ú1 ~±... Δ-r±ø' @Ü...° 1±0±flj' ù1 CEøð' 1
ÊVø1', ÀÓ- flj±r-ìÀ', ÊVœ± ±1n¶ -Ú1~ÈËj1 ø' ÚÁfli r±ÊV±"ò√VÀÁV° "ò√V", ±Ó- ÷fli' ùfli -Ú1~ÈËj1 ±1n¶
CEøðø' flj± CE-±-Úœ, flj' flj ÊVœ±1 øðøÓ-øÚøø ø' √V%-r±À-Ú -fliÚ flj±1ÁÁV° 'øÓ- ÊVÚøøð', .œÓ-À-±ø²μ flj±r...±Ú
øð±%ø-...-r±(±Ó-...1 ø-r± r±B -r±øGÀÓ- ø-r± r±B ^-r±' ¶±Ö' 'Ú±r±?√' fljÁ1° -r±(±Ó-... -r±øGÓ- flj±èÀÓ
.œÓ-À-±ø²μ±Úfli ±ò...±øRfli CEøð' 1 flj±r... r±≈ø' 'ø' ø' "√VÓ- flj±1ÁÁV° .œÓ-À-±ø²μ .œøÓ-fli±r...±Ú1 'ÀUfli Ê-œfli±,
^r±' ¶... ±ø?√ CE-Ú±±± ±' ° çðLøþÚ1 '±ø'√V«Ó- r±UÀÓ-± flj±r-ìÀ', -r±UÀÓ-± flj±r... 1%-Ú± flj±1ÁÁV° ±"ò√VÀ-±11
ø' Ó-1Ó-Í-ò-À~±À' ±... "√VÍ"ñ "√Vø1' -fli±' ±1n¶ øð' ^-r±fli±1 1%-Ú± flj±r ±è-œÓ-1±, ±³Ú±1 ?≈V±U flj±r..., ÷"√V' ¶«...±
%-r±' «1 èÊV±Úfli±r-œÓ-í, "√Vø1Ú±Ø1 è1±' ø-r± ±, í, ø-r±ù' Ú±Ø ø, -"√V1 è, eœÓ-1, ≈ÚμÚí' ±ø?√³ 3° %-Gœ' Ó-fli,
-¶@Ó-ø-r±...±Ó- ?√...fli±r- r±ì' -r±"ò√V, 5' øÓ-fli±Ó- è%-Gœ' Ó-fli± Ú±À' À1 ±Ú ^-øMèV" flj .œøÓ-fli±r...
1%-Ú± fljÁ1° %-øGfli±±...±Ó- flj± œ' ±1n¶' ø' √V' ¶±, ≈11' ≈X1 -r±Ú±À1, ~"X CE' √V±±± flj±r...±ÚÓ-
'±?'√« ø-r±Sèœøí' Ó- ÁVμÓ-1ø%-Ó- r±' ?≈VÊ± CEù±±fli CE-Ú±±± ±' ° ± flj«jÀG', -r±≈1±ìÓ- Øfli±r CE?√³œ
~±"√V±R...1>-Ú1Ó-ø' øM√V flj±ø1 1%-Ú± flj±r çðLøþÚÓ- ~-fli±11 øð±%ø≈r' «Ó-±r CE?√³± ±' ° èø' ±³ Ó-fli± Ú±À' À1
-r±ì' -r±"ò√V ø' ±1 døÓ- flj±ø1 ±Ú ±Ú ^-øMèV" flj .œøÓ-fli±r... 1%-Ú± fljÁ1° 4° , "«' Ó-fli±, 5' øÓ-fli±1
-Ú"r±«' r±-Ó- ~", "À1 ± ±Ê± CEù±±fli±r-è, "«' Ó-fli± Ú±À' À1 ±Ú øðø, X ^-øMèVflj±r... 1%-Ú± fljÁ1° ±?
≈V«' ø-r±Sèœøí' Ó- ÁVμÓ-1ø%-Ó- flj±r...±Ú1 ~±... ø-r±' ¶', -r±Δ' √VÀÁV', "«' 1' ±1±0±1 jZ±1± CE1± ~MèV
CE' √V±±± "ò√V", ±1 CEù±±fli, ~"√VÓ", "«", "«øfli±1", "«±ú", 1Ó, "«G", "«±1øØ1 jZ±1± 1è-r± flj±, ~e ~",
ÒÚøð±ø5 Ó-Ø± Sn¶ø-r±Ú± 1' .ÀÓ-øÚÊV1' e' flj± ~Ú± flj±Δ' √VÀÁV° ÊVÚfli ...±ì' ±1n¶ ^-øMèV ^-r±±Ú±À1, ~"X' øÓ-
øðø, X flj±r...±Ú1 15 Ê-œfli±r CE-Ú±±± ±' ° ø-r± r±B flj±r-ìÀ', flj±r Sé' Ó- r±"ò√V flj±r...±Ú1 '±ø'√V«Ó- '±Ú -Ú"±%-r±Ú
, "«' Ó-fli± 1%-Ú± fljÁ1° 5° ^-MèV± 1Àø¶±S ΔÊVÚ flj±r- ±ÚÓ≈r±"ò√V Ý- ¶' -À?√³1 døÓ-r±Ú1fli è' -MèV± 1Àø¶±Sì
'œ' ¶«fli ^-øMèVflj±r...1 1%-Ú± fljÁ1° -r±ì' ±1n¶ ~", "11 1%-Ú±Ö' œfli øðøÓ-jZøiZÓ-± flj±ø1 ~±ÚÓ≈r±"ò√V ±"ò√V
fli±r...1%-Ú±1 jZ±1± ΔÊVÚ ~øÚ1' ±1±0±Ú±À1> CE1± ~MèV"√V-ì- r±Ú±ø1 -r±≈ø' øðøÓ-r±ÚiB flj±ø1-ø-r±ø1øÁV°
ÊV' f' √VÚ1 è, "øMèV ~MèV±³ œè Ú±' 1 çðLøþÚÓ-Í-ò-X'Ó- 1±ÊVÀ' ±11 CEù±±fli ±Ê±-Ó- r±ì, ~, "1' ±1n¶' ±Ó-è ø?
√³±fli±r -r± ±ÚÓ≈r±fli 1ÊV± ÷"√V' ¶«1, ^-r±, ?√-r±≈ø' Í-ò-À-± flj±1ÁÁV° 'Ø«±» øÓ-øÚ-1±fli±œ, ~fli±r œÚ flj±ø-
6° ~"fli±r-Ú= Ó-œ ~"fli±ø-ìÀ', 1%-Ú± flj±r è ~"fli±r-Ú= Ó-œè-Ú"±%-È-r±' Ó-Àù±±fli±r¶li CEø¶±S1, ~øØÚ°
CE, "ò√VÀfli"ò√VÊ± "√VÍ" è' ±' «±' Ó-fli±, è-Ú?√±1ø²μ Ó-fli±, èðøÓ- Ó-fli±, èfliÊ±è- Ó-fli± ±1n¶ è' øμø¶ÚÓ- Ó-fli±
øð±±?√' ÀÓ- ~"fli±ø-ìÀ' ÊVœ±Ú1' ±ø?√' ^-r±-Ó- r±±fli±r √VœÚ' ±øÁV° -r±±ÁVÖ' flj±r ±è-œ CE?√³œ1 'Ú≈çø'√VÓ- flj±r...
øðøÓ-^r± ±' ^-r± flj±ø1 CE?√³œ1 øð' -, ±Á1, ~"X ±"ò√V -Ú"±%-È-r±' Ó-fli±Àø¶±S 1%-Ú± fljÁ1° , "√VÊV-, 1' ^-r±' ¶±Ó-
CE?√³œ1 ø' √V' ±Á1, ~"X CEø¶±S, ~"√V' @Ü' øÓ-fli±Ó- 1%-Ú± flj±r±r±≈ø' CEfli±±± "√V", ° 7° ≈fl±jμ ± ± ?
√±øé-ì±Ó-...1 Δ-r± ù± ^-MèV' ±' ±±1 fl±j' À' ±Á1 Ú± ~øÓ-fli±Ó- è' ≈fl±jμ ± ±' ± Ú±À' À1 ±Ú, 1n¶ flj±r' ±11 ^-øMèVflj±r...
øðì' , Ú flj±1° ^-MèV, flj±r flj±r...±Ú1 -r±ì-1 jZ±1 CE' ±è-øð±ø5 "√V", -r±≈ø' ø-r±ù' ±, flj±1° 8° ±' ±³μ±1 CEø¶±S ?√'
'øÓ-fli±Ó- ~±Ú%-r±' «'ò√V è' ±' ±³μ±1 CEø¶±Sì Ú±À' À1 ±Ú CEø¶±Sfli±r... øðì' , Ú flj±1° ?√è-ì' ^-r±1Ó-Ó- Δ-r± ù±
Ò' «' øð%-r±11 -r±À-1 1%-Ú± flj±r çðLøþÚfli ^-MèV, flj±r è CEø¶±S1Pì Ú±À' À1> Ú± flj±1 flj±1ÁÁV° 9° flj' ùfli±r«±' Ó-
~œ ±qÀfli±r 1%-Ú± flj±r èfli±r ùfli±r«±' Ó-í flj±r...±Ú1 øð±', 300 CEù±±fli±r, -çø'√V° , ≈μ1, ≈ø' Ó- ^-r±' ¶±Ó- r±± flj' ù1
ø-r±ø%-S' œè ±1 -r±«Ú± flj±r çðLøþÚ ~"√V±øð' ≈Δ%-Ó-Ú...À?√³1 øðø', CEø¶±S -r±≈ø' CEfli±±± "√V", ° 10° ~Nœ, "√V¶
~±^±ÊV1 Δ-
ì' ù± flj±r CE-r±-fli±r-±Ø'ìø1À', 17' øÓ-fli±

Ó-ë Ñœ , √√1% -Ú± fljÀ1° -øMè√1, ±Rflj Î-0Àððé-± -flj±À1À1 ~øGÓ- flj±-...#ÚÓ- ÑœÀ?√œ1 #À √√Ê√±1
CEù±fljÓ- dðÓ- flj1± Δ √√ÀÀ√° 11° dðÓ- flj±, ≈ ±?ø 14 Ó-±sœÓ- flj±ù œ11 fljø-1 Ê√X1 -A √√ 38Ê-± CEð±SÓ-
1400 CEù±fljÓ- èdðÓ- flj±, ≈ ±?ø í Ú±À~À1 CEð±Sflj±-...#Ú ðð , Ú fljÀ1° Δ ã- Mè√ 1% -Ú±flj±1Ê√ÀÚ CEù± ,
'Ú≈ðð±, ~ flj ±ø?√ -flj±1 ððÀ , ±À-À1 flj1nΠ|1, Ó- -øMè√ -±ÀÀ1 √√+?√ , 1 ~ÀÚ±1 -øMè√ -±±1 -fljÚ fljø1ÀÀ√
12° -flj1±% -± «1 -øMè√flj±-... 'ÖiZÓ- CE-í?√±ðL1 ððÓ-á-±-Úflj ±ø?√81nΠ -flj1±% -± « √√ 'ÀÚflj CEð±S
-± -øMè√flj±-... 1% -Ú± flj1± -±≈ø CEflj±± √√ , ° CEflj1± ± 1±Ê√...1 øÚ-±, œ -flj1±% -± « √√?√ √√±Ú ~±...
Î-0-ÚøÚ Π?√, -iËpi, "S ±1nΠ ç æ√. œÓ-±1 >-Ú1Ó- -± Π... 1% -Ú± fljø1øÁ√ ° -±1Ó-œ , ?√ 'Ú1 'ÖiZÓ- CE-í?
√±ðL1 ~Ó- ¶ö±-ÚÚ flj1± √√ CEÓ-À±Ó-1 ~± '±?√ ' ±øÁ√ ° -flj1±% -± « √√ 1% -Ú± flj1± CEð±Sflj±-... , ~√√1
ø -Ó-1Ó- 'Ú...Ó- Δ √√ÀÀ√ èCE, Åµ « √√1œi° ~√√±
À?√œ -Ú±-«Ó-œ1 -Úø1, œ CE, Åµ «
Ó-Ó± CE?√œæflj , çð Ê√-Ó-1 , øøÚ, ø¶öðÓ- ±1nΠ ø-Ú± flj1 flj±11+À-Ú -il«Ú± flj1± Δ √√ÀÀ√° CEð±S±ÚÓ- # È-±
CEù±flj CE-Ú±± ± , ° CEÓ-ÀÚ?√À1 èø ±Úµ ~√√1œi Ú±1 -øMè√flj±-...#ÚÀÓ-± ø ±Àflj , fljÀ ± e Ó-Ó±
'± œ-«±?√1 ?√±Ó-±1+À-Ú dðÓ- flj1± Δ √√ÀÀ√°
èCE ± √√ ≈?√1 - èCE ± √√ ≈?√.1í -± è -Ê√ CE±ø-µ CEð±S±ÚÓ- -flj1±% -± « √√ 30Ê-± CEù±flj 'ÖiZÓ- CE-í?
√±ðL1 ~" è-iËpi, Ó-... Ê√-øjÓ...í -±±1 ø-±1 'øÓ- , 1 -± Π±À1 fljø1ÀÀ√° çðLø±ÚÓ- 'øÓ- -œ1 ?√± «øÚflj
Ó-NÀflj± , -« , ±Ó±11 -±À-Ú CE-±-0... flj1± Δ √√ÀÀ√° √√ , ±À1±-Úø1 -øMè√ ±1nΠ 'ÖiZÓ- CE-í?√±ðL1 ~" Ó-N1
, √√Ê√ , 1 -...±±...± Öflj± 'ÀÚflj CEð±Sflj±-... ±ø?√ -flj1±% -± «1 Ú± Ó- CE-Ú±± ± , ° ø-±Z» , ±ÀÊ√ √√
, fljÀ ±À-±1 1% -Ú± -flj11 Ú √√ , -±ø flj-í CE±ÀÊ√° CE, "√√À-±1 √√i ñ è-Ú?√±ø?√Àflj ±ðLÀð±S±i, èø ±-±Ê√ei,
èø-± ≈ ±-±Ê√ei, è1± ~±Ê√ei, èflj|flj|Ò1 ð¶i, èø ±-±Ú1±0é-± -ÚÚ CEð±S±i, è √√ø1døÓ-í, è?√ 'Àù±±fljœi, è?
√øé-± "Ó-œ CEð±S±i, è-ÚÀ1±é-±Ú -øÓ-í, è Ó-Àù±±fljœi, è±RÀ-±-0í, è±RøÚ1+Úl'í ±ø?√À , ððÓ±Ú° 13°
-ÚøGÓ-1±Ê√ Ê√-iB±01 -øMè√flj±-... #ÈœøøÚ , 5?√ ' øÓ-flj±1 ± -flj±ø1flj ΔÓ- e -iË±pi -ÚøGÓ- Ê√-iB±À0 , -
¶@Ó- , ±ø √√Ó-...Ó- œøÓ-flj-±-±≈ø ððø, øX ± -fljø1øÁ√ ° CEÓ-À±ÀÓ- ø?√œ1 , ±Ê-±% -± √√Ê√ ±√±Ú1
'± La1 'Ú±, ø1 ø?√œÖ Δ .?√±±±ø Àflj± √√flj , -¶@Ó- -Úi-±±± √√øÁ√ ° CEÓ-À±Ó-1 -Ú±øGÓ-...Ó- ~* Δ √√
% -± √√Ê√ ±√±ÀÚ è-ÚøGÓ-1±Ê√i Î-0-Ú±øð ðð?√±Ú fljø1øÁ√ ° CEÓ-± 1% -Ú± flj1± œøÓ-flj±-... -Ú±% -±Ú
"√√i ñ èflj1nΠ|± √√1œi, è-e± √√1œ, "Ó- √√1œ, Ñœ √√1œ ±1nΠ , ≈ø± √√1œ° CEÓ-À±Ó-1 # √√ -Ú±% -±Ú
1% -Ú± , -çð √√ è -±ø Úœ ø-± , íÓ- flj1± Δ √√ÀÀ√° èflj1nΠ|± √√1œi flj±-...#ÚÓ- -±±Úflj flj1nΠ|±1 -±À-
ðð±Ó«Ú± flj1± Δ √√ÀÀ√° CEÓ-ÀÚ?√À1 è-e± √√1œiÓ- e±1 dðÓ- , è-Ó- √√1œiÓ- ~±Ú±1 dðÓ- , è Ñœ √√1œiÓ-
Ñœ1 dðÓ- ±1nΠ è, ≈ø± √√1œiÓ- , «1 dðÓ- flj1± Δ √√ÀÀ√° Ê√-iB±01 -Ú±% -±Ú flj±-...ÀÓ- √√ -øMè√1, 1 ðð±
% -± «Ó-±1 Î-0-Úø1> Î-02% -±±-Ú1 flj±Ú± , -Ú±øGÓ-...Ú"i« -± Π± , 'À Æfljflj ððøÓ- -± Ó-Ó± ðð , ±?√ , œ
1% -Ú±Ö ° œ ø-±?√... ±Ú° √√ , ±1 Î-0-Úø1> Ú± -øÓ-flj±Ó- 1P±fljÀ1 è-ÀSè±øMè√ -Ú±ø flj±i , ±Úµ-í«ÀÚ èCE?
√œ Ó-flj±i , ?√ -øÓ-flj±Ó- 'ø -Ú± 851 81nΠ Î-0>-Ú À?√À èCEð±S±±œi , #flj±?√ -øÓ-flj±Ó- 1± ±Ú±ÀÊ√
è 1±-øÓ- ?√...i, èΔ-ífl≈F .?√...i ±1nΠ èj1e.?√...i
Ú±À~À1 øÓ-øÚ±Ú .?√...flj±-... 1% -Ú± fljÀ1° , 5?√ ' øÓ-flj±Ó-fljø-
Úœ fljF √√ è±Úµ , ±1ð¶i ±1nΠ èø À±±flj Π«?1œi ±1nΠ Ú±1± , lÓ-œÓ« √√ èflj-ú œ ±Ó-1øeÚœi Ú±À~À1 .
œøÓ-flj±-... 1% -Ú± fljÀ1° 18 ' øÓ-flj±Ó- fljø-1 ± ~-^ ?œøé-ÀÓ- 1% -Ú± flj1± 'ÀÚflj .œøÓ-flj±-...1
ø -Ó-1Ó- è1± ±Úø¶i, è1± ±À±-Úø¶i ±1nΠ è1± ±øÚ-Ú±, í ø-À- Π -±À± Î-0À-±À ±...° Ó-±√-Úø1 CE-íÀX Ò «1
~√√± ±Ú , •x?√± . Ó- 'ÀÚflj -øMè√Àð±S1 , ± √√±1 CE?√±± ± , ° 'Ú...-±?√1 ðð±Ó-±flj Ú± ±Ê±√«ÀÚ % -±ø1±Ú
CEð±S 1% -Ú± fljø1øÁ√ ° ΔÊ√ÚÓ ~«ÀÓ-± 'ÀÚflj CEð±S , -¶@Ó-Ó- 1% -Ú± flj1± CE?√±± ± , ° # √√À-±11 Î-0-Úø1>
-iUÀÓ-± -øMè√flj±-... , -¶@Ó- -± Π±Ó- Î-0-Ú t° ±R ~...± , Ú ððü 1° -øMè√ ~ flj .œøÓ-flj±-... , ~√√1
Ê√ø1 , ÀÓ- ?√1±% -ÀÓ- Ê√œ± ±1nΠ -iËpi1 ø ~Ú1 flj±± CEflj±± Δ √√ÀÀ√ CEÚøfljΣ

öð±%œÚ , -¶@Ó , ±ø √VÓ...1 ø-í ¶ , ~" √V Í-Ø-Úø1 öð±%œ... '±1n¶ -Ú±(±Ó-...1 'ÀÚflj ÚÓ≈-Ú ø-í ¶ ,
'±Ø≈øÚflj , -¶@Ó , ±ø √VÓ...Ó-í '±' Ú CE √V±±± CE?V±± ± , ° √V , ±Ó CEflj± ~±S ±Ø≈øÚflj , -¶@Ó-1
CEfljÓ-À-í±1 †Gflj±-í...1 ø-í ¶À , À √V Í-Ø-Ú~± flj± Δ √VÄÄV° ±Ø≈øÚflj †Gflj±-í... , ~" √V 1%-ø , Ó-í , ~" √V 1 'Ú...Ó-~
Δ √VÄÄV Í-Ø-Úø-í ' Ó-±sœ1 , ±ø √VøÓ-...flj ?≈Ú±Ó [1889-1964]° 1±É√¶ö±Ú1 ÉV , -Ú≈1 øÚ-í , œ , ±ø √VøÓ-...
flj-1±fljœ1 öðfljÓ-Ú± ~√VÍ ' -A' Ó≈1± Ú± ~ ±face° CEÓ-À±ÀÓ-é ~ÀÚ± ~√V1œí , è , ≈1 -±1Ó-œí ,
èø-íÀ , ±ø Úœøø-íöð ±-Ú±-í ±ø?√ †Gflj±-í... 1%-Ú± fljÀ1° Ó-?≈√-Úø1 ~ ±faceA?VÄ° ø-íø-íB ~MèVflj flj±-í...1
1%-Ú±1 ÉVø1 , ÀÓ-±Ø≈øÚflj , -¶@Ó , ±ø √VÓ...1 -±G±1 %-ø √Vfljœ fljÀ1° CE , °√VÄ-í±11 'Ú...Ó-~ √VÍ
èÉV , -Ú≈1Ó-í-í fi , è , ±ø √VÓ...Ö°-í fi , èCE-±ø-íÖ°-í fi , èfljø-í ± , «±Üflj fi , è ±Ä √Vfœ1±ÉVÚ fi ,
è , Ó-œ , 5?V œí , è e ÉV :œøÓ-í , è -í-èδL- öðøÓ-í , è -øMèV e ~fi °√VÓ-...±ø?V° Í-Ø-MV√1 öðA?V 1 -í26≈√ ±
'æföœ [1918] CE , '±Ø≈øÚflj , -¶@Ó , ±ø √VÓ...Ó-öðÓ-œflj±Rflj †Gflj±-í...1 1%-Ú±1 jZ±1± flj ÚÓ≈-Ú Ø±1±1
'øøÚ fljÀ1° CEÓ-~ , flj± œÚ , ±ÉV ±1n¶ 1±ÉVÖÜøÓ-íø-í , øøÓ-Ó-Ø± ø-í-í °flj± , ~" √V fljÈ-±é-í fljø1 ø-íø-íB
†Gflj±-í... 1%-Ú± fljÀ1° CE , °√VÄ-í±1 ~√VÍ ñ èæflj?VøL-í-MV√ fi , èqflj-í-MV√ fi , èCE?V°?VÓ-í fi , èV? , ~...qÚfljœ , ~fi ,
èø-í±-öðÓ-±Úø¶1œ , -í °√VÓ-...±ø?V° CEÓ-À±Ó-1 1%-Ú± , ~çð èöðÓ-±øÚÚœí Ú±1 , -flj ÚÓ- , -fljø Ó-Δ √V
'±ÄÄV° 1±ÜTM-ÚøÓ- -Ú≈1¶@±1öð±5 1±ÉV¶ö±Úœ , ±ø √VøÓ-...flj √Vø11± ~ ±%-± ~ °√V [1936-2018] ~Ø≈26√±
Ú±Ä Å1 ±flj œøÓ-íflj±-í... 1%-Ú± fljÀ1° 1±ÜTM-ÚøÓ- ±ø-Ú.CEÉV ±s≈ flj± ± 1 -Ú1± è%-±øÈ«øÚ-ÀfljÈ- 'Ú-
'Ú±1í -Ú≈1¶@±1 ± -í flj± ~Ø...öðA?V 1 ÉV-í -Ú≈11 ø-í?≈√ ¶œ í Ó-œ -Ú≈øÚ± ?Vœøé-ÀÓ- [1942] èøçÜø ±±
'±1n¶ è ± -í-íœí Ú±1 ?≈√±Ú †Gflj±-í... öðì , Ú fljÀ1° ø-íöð y 'e±1 1 , ±Rflj -í...øøÚø-í ¶ , flj 1%-Ú± èøçÜø ±±í1
~"¶U «œ-íÚ± 'Ú≈-Ú° fljø-íÀ , flj±-í...±ÚÓ- øÚÉV1 ÉV±øÓ- , Ö « ±ø?V1 -íÚ Ó-...± flj±1 flj 'ú1 öðøÓ- 1±Ø±1
CEöð 1 '±?V « ±øÚ %-øÄÄV° ±ÀfljÄ , ~øøÚ ø-í ¶ , flj †Gflj±-í... è ± -í-íœíÓ- fljø-í±1±fljœÄ , ± ±øÉVflj
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, Úœ-í-Ó- CE √V±±± 'ÀÚ±-í?VÚ± , ≈µ1Öflj öðflj± fljø1ÄÄV° ±Ø≈øÚflj , -¶@Ó-ÉV-Ó-1 ø-í±...±Ó- -ÚøGÓ-
öðÀÚ-%-1 1±Ø±-í-í-øS-Ú±í-œÄ , [1949] è-œÓ-Øœæ1 fi Ú±Ä Å1 ±flj œøÓ-íflj±-í... [1±-flj±-í...] 1%-Ú± fljÀ1° öð±
%-œÚ ±1n¶ Ú-íœÚ œøÓ-íflj±-í...1 ±ÉVÓ- 'ø-í-Ú± -± ±1 jZ±1± fljø-í±1±fljœÄ , ÉV-Ó-1 ?V± «øÚflj ?VøøÚ-í-
œ1 ÉVø1 , ÀÓ- çðLö±ÚÓ- -í±±À-í±Ø1 øÚ «± fljø1ÄÄV° flj«È-íflj1 , -¶@Ó- , ±ø √VøÓ-...flj ±Ó-±-íØ±Úœí ±1n¶
'ÀÄ [1962] è , ±-í-í √V1œí Ú±Ä Å1 ±flj †Gflj±-í... 1%-Ú± fljÀ1° Í-Ø-MV√1 öðA?V 1 '± œ-í-í ~≈ÄVø ~ø-í-íø-í?V...
± , 1 , -¶@Ó-ø-í-í±1 'Ö...±-Úflj Í-Ø-Ú1 ±Úµ ±faceÄ , %-ø±ø1±Ú †Gflj±-í... 1%-Ú± fljÀ1° CE , °√VÄflj °√V±Ú
~√VÍ ñ è-g?VÓ-í fi , è±±Ú1 , Àµ -í , èCEfljÄÄöL , ~fi ±1n¶ è -±1Ó- Ó-flj fi° CEÓ-À±ÀÓ- è±±Ú1 , ?V ~fi †Gflj±-í...±ÚÓ-
-íÓ-± ±Ú , ±ÉV1 CEÚÓ-± , flj 1 √V± , ...±¶U?V %-ø1S -flj± fljø1ÄÄV° èCEfljÄÄöL , ~fi flj±-í...±ÚÓ- flj«1 %-ø1SÄÈ-±
'±Ø≈øÚflj ?VøøÚÄflj±ÀÄ1 ?V±ø , √V Ø1±1 -ÀÓ- -±1Ó-œ , Ú±1œ1 ø-í-í Ó-± , -Ú≈1n¶ ¶1jZ±1± ≈øFÓ-±-
CE ±ø ¶Ó-± Ú±1œ Ó-Ø± ?Vø Ó- , flj 1 ~"«-í...Ø± , ≈µ1Öflj -flj± fljø1ÄÄV° è -±1Ó- Ó-flj fi †Gflj±-í...±ÚÓ-
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fljø1ÄÄV°
~" √V± Ä √V±-ÚØ...± , e±Ø1 ±faceÄ , èøø± ±ø , -±Ä-Ú± Ú± ~ flj±-í... fi -í≈ø± ±flj±-í... öðì , Ú fljÀ1°
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¶@Ó-1 ø-íø-í Ü-ÚøGÓ- ~" -flj1 ~±øflj ± ±ø:flj [1886-1965] CE?VÄ° èø-íÉV , ~" √V1œí Ú±Ä Å1 ±flj œøÓ-íflj±-í...
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V...ø-Ú , -¶@Ó-1 Ú±Ø±1±Ó- †Gflj±-í... -í ±Ú flj±-í... , ±ø √VÓ-...1 1%-Ú±Ó- 1Ó-Δ √V '±ÄÄV° 5.10 , ±1±-
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í?V1 , "MèV , ~" √VÄÓ- †Gflj±-í...1 ~" -íœÉV CE-Ú±±± ± , '±1n¶ CE-ÚÄ1±øflj , ±ø √VÓ-... , ~" √VÓ- "√V" , ±1
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1ø%-Ó- è ±Ó-Ä%-Ó-1 fljø@œ CE ±±í Ú±1 †Gflj±-í...±ÚÄflj †Gflj±-í... -Ú1·Ú1±1 öðÖ çðLö1±Ä-Ú ¶Sœflj±1 flj±
~√V , ° , ±ø √VÓ-... ?V-Ú-íflj±1 ø-í-í ' Ú±Ø fljø-í±1±ÄÉV öðÖÄ ±Gflj±-í...1 -íø øÚ1±-Ú fljÄ1ñ è±Gflj±-í... -í-Ä± flj±-í...
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Δ-íø-í Ü... øÚ« , fljø-í-í -Ú±ø1° CE , °√VÄ-í±1 ~√VÍ ñ 'e±ø1fljÓ-± , -±-í-í CEflj± ~Ó-± , -±± öð±Ó-± ,
, œøÓ-±Rflj±-í , öð , ±?V Ó-Ø± ~±Ø≈ « èì ≈MèVÓ-± , ?V± «øÚflj -±±Ø±1± , fljÄÚ± öð±Ó-± , ÚœøÓ-ø-é-± ±ø?
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 ^-±| CE-í±À° ° ^-±| ðÈ-±' -fljÓ- 1%-Ú± flj1± "√√", ° ð√√', ±Ó- Ú±', fljÉ√Ú ðÈ√Ú flj± «...flj± ~íøðX° ±Ú ø-íÈ-
 "√√", ° CEÓ-»"À°" ð√√ 1-~ =Ó- Í-ð-Úø¶ðÓ- Δ° √√ øÚÈ√1 'Ú~ ^-±1 'Ó-í± '±Ú1 'Ú~ ^-±1 ø-íΠ', ° ± ±øÈ√flj1, ij±øÓ- í...
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 ° ± ±øÈ√flj1 >%-1Ó- ððflj±ø Ó- fljÀ1° "ð√√", ±Ó- ' -±1 -í± -íøe1 1,1 'ø-í...?Ú± flj1± "√√", ° ±1 -í±À-íø-í±,
 -í«Ú± ±1nΠ CE° À° «-í«Ú±1 ððÀ°, ±È√Ú "√√", ° ^-±11 ø-í, -íø fljø-íøfljæÓ- "√√-í± ±À° "ð√√", ±Ó- ðð±',
 CE-íøÁ√Öflj ^-±1Ó-øe -íøM√√1 ððÀ°, ± "√√", ° øg -Ú± %ø-ø ððflj±11 ø°-Ó-1Ó- "ð√√", ±Ó- ~± ±1nΠ øÚ-í«√√, øg
 ?~√È-±1 ððÀ°, ± '±±'...fljæ°, ° ~ÁÚ±1?Ú1 ?√øøÚ1 -Ú1± "ð√√", ±Ó- ?√√ ððflj±11 ~±, ...±-1, ~±À° '±±'...flj° 1.4.4 -í...
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 ¶ace-Ú±S1, -±...± flj' ±1nΠ -Ú~±1nΠ -Ú±S1, -±...± CE-íøÁ√ "√√", ° "ð√√", ±Ó- ^-«-±1nΠ ø-í«-», øg Ú±Ó±Àflj°
 -í...±À°, ±-Ó- > ±S ðÈ-±' ð√√' -flj° "ð√√", ±Ó- ¶ace flj±1| CEÚ±À° √√±± ±X1 -í«Ú± flj1± "√√", ° "ð√√", ±Ó-
 CEflj±ø fljæ -íøM√√1 ððÀ°, ± flj1± Ú° √√', ° -í...±À°, ±1 Ú±', fljÉ√Ú CEflj±ÁÚ± ððø, X -í- 11±È√ø° Π° -í± CE?√±Ó-±
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 -Ú±, øg1 ø°-Ó-1Ó- ø-í«-», øg1 ððÀ°, ± flj1± Ú° √√', ° ~±flj±1Ó- øÓ-øÚÈ-± -flj Ó±Àflj° "ð√√", ±1 ððø° -fljÓ- ~±
 '±1nΠ ððøÓ-~±, øg, øjZÓ-øe', -fljÓ- ^-«-», øg
 7 '±1nΠ Ó-Ó-øe', -fljÓ- øÚ-í«-√√Ú, øg ððÀ°, ± flj1± "√√", ° ð√√ ððflj±1 1+-ÚfljÓ- -í±1È√Ú Ú±', flj ø%-øSÓ-
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 ~±À° ððÀÓ-...fljÉ√Ú Ú±', flj1 ððÀ°, ±È√Ú -Ú°Óflj -Ú°Óflj "√√-í± ±À° "ð√√", ~±flj±11 ~" 1, CEflj± -íøe1 "√√-í± ±À° ±1nΠ ±Ú
 1, ~"√√ "ð√√", ±1, "√√À° ±øe -í± -1, 1+À-Ú Ò±øflj-í± ±À° "ð√√", ±Ó- CEflj±ø fljæ -íøM√√1 ððÀ°, ± flj' ±1nΠ
 Ó-±1 ~ÀÓ- -í±fljæ øÓ-øÚ±È-± -íøM√√1 ððÀ°, ± Ò±øflj-í± ±À° "ð√√", ~±flj±1Ó- èø-íø±í Ú±~1 'Ó-ððflj±øÓ- ±1nΠ
 èððÀ° flj±Ú±1 'ÀÓ-±-ÚÁé-í-Ú1 ððÀ°, ± Ú±Ó±Àflj° "ð√√", ±Ó- Í-ð-ÚÁ° ±ø-Ó-±1 ?√øøÚÁ1 CEÓ-1ø-íø-íøeÓ...-1
 ~±À° '±±'...flj° ±Àflj± "ð√√", ±Ó- ±', Sæ ±1nΠ Í-ðø° ùflj± Á√µ1 ðð±Ó±Ú...1 ~ÀÓ- ø-íø-íø Á√µ1 Δ-íø%-SÓ-±1
 ~±À° "√√-í± ±À° "ð√√ 1+-Úflj øS' -±1, øSflj-ÚÈ-± ±1nΠ øSø-íø± "√√-í± ±À° "ð√√", ±1 ððø° ±-flj -í±1
 , øÈ-íø±Ó- , øjZÓ-øe', ±-flj ±1, øÈ-íø±Ó- ±1nΠ Ó-Ó-øe', ±-flj %ø-±ø1, øÈ-íø±Ó- CE° √√±±± "√√-í± ±À°
 >-ÚÁ1±Mè√ øS' -±1 's' ð√√ Ó° ' -±1, 'Ó° ' -±1 ±1nΠ flj± ~' -±11 flj±± -íøÈ√± "ð√√ÁÁ±ø øSflj-ÚÈ-± 's' ð√√
 ¶±± ^-±ø±flj, flj±øS' ±1nΠ Δ?√±È√ ±"ð√√ øÓ-øÚððflj±11 flj-ÚÈ-íø -íøÈ√± "ð√√ÁÁ±ø øSø-íø± 's' ð√√ CE%-Ó-Úflj±Ó-
 'À%-Ó-Úflj±Ó- ±1nΠ CE%-Ó-Ú±À%-Ó-Úflj±Ó- ±"ð√√ øÓ-øÚ ððflj±1 ø-íø± -íø-Ú±±flj -íøÈ√± "ð√√ÁÁ±ø 'Ó«±»
 ±"ð√√Á-í±11 -íøÚ±, ~±flj±1Ó- Ò±øflj-í± ±À° 1.4.6 øí~ øí~ "√√" 1+-Úflj1 CE, "ð√√ÁÈ-± ððflj±1, 'íÓ- ~±', ±,
 "ð√√È√±, , -çø±, CEè±Ò ±ø?√1 jZ±1± -í...çø° √±?√', ° ~Mè√ -í...øMè√1 CE%-øÚ±1 -í±Ú "Ó-± ø%-øSÓ- "√√",
 '±1nΠ 'íÓ- øÚ, «±Ó- , Í-ð(√ø±-Ú±Ó- , %-f çø° √√, , "«çø° √√ '±ø?√1 -í«Ú± Ó±Àflj° øí~1 "ð√√øÓ-íøM√√ ðð±...±Ó-
 "√√-í± ±À° "ð√√", ±Ó- CE1Á±1, ' -øe -í± ~" 1, "√√-í± ±À° ±1nΠ ±Ú 1, À-í±1 -1, 1+À-Ú Ò±øflj-í± ±À° "ð√√", ±Ó-
 %ø-±ø1È-±' -flj Ó±øflj-í± ±À° "ð√√ø-íø 1+-ÚfljÓ- ø-íø@yflj ±1nΠ ððÀ° flj1 ððÀ°, ± '±±'...flj Ú° √√', ° "ð√√", ±Ó-
 CE° Π±~È√Ú CE?√±, .g±, 'é, 1±é, , , -Ú«, " -Ó-, CEððÓ-, ø-Ú ±%-±ø?√ 'Ó-...ðL Í-ðXÓ- ððflj±øÓ-1 Ú±', flj Ó±Àflj°
 CEflj±ø fljæ -íøM√√1 -í±ø° √√Á1 ±Ú, flj± ± -íøM√√ "ð√√", ±Ó- Ò±øflj-í± ±À° ø-í«-», øg1 -í±À?√ ±Ú, flj± ±, øg
 "ð√√", ±Ó- Ò±øflj-í± ±À° ±ðL, "√√±, ... ±1nΠ ' -±11, 1-í±ø° √√Á1 ±Ú, flj± ± 1Á, "ð√√ "ð√√", ±Ó- ðð±ø±ø± ±Ú Δ° √√
 Ó±øflj-í± ±À° 1.4.7 "ð√√" √√±~: "ð√√" √√±~: Ú±~ 1+-ÚfljÓ- ø-íΠ', -íø <øÓ- "√√±ø, flj ±1nΠ flj±øÓ- , È-Ú±1, -ø°||
 "√√-í± ±À° "ð√√", ±Ó- %ø-±ø1È-±' -flj Ó±øflj-í± ±À° "ð√√" √√±~: Ó- øÓ-øÚÈ-±, øg Ó±Àflj± ~±, ððøÓ- ~± ±1nΠ
 øÚ-í«-√√± ±"ð√√ 1+-ÚfljÓ- Ú±', fljÉ√Ú ±1nΠ ððøÓ-Ú±', fljÉ√Ú CE?√±Ó-± ±1nΠ ~±Ú±~ √√ ø°Àflj±ÁÚ± ðÈ-±' ð√√
 "√√-í± ±ø-íø-íøø° CEflj±ÁÚ± Ó1±-íø±øøÚ', ~Ú± "ð√√° 'Ó«±» °ø?√ Ú±', flj CE?√±Ó-± "√√", ððøÓ-Ú±', flj± CE?
 ±Ó-± "ð√√" √√-í± ±ø-íø, CEÓ-ÁÚ CEflj±ÁÚ± øÚ', ~Ú± "ð√√° øflj± Ú±', flj ±1nΠ ððøÓ-Ú±', flj ?~√Á° ±È√ÁÚ° ð√√

CEfli "ò√√±Ú ±Ú 1+-Ùfli '±1nΠ Ì-ò-Ù1+-Ùfli CEfli "ò√√±Ú ±Ú ðàð, X 1+-Ùfli '±1nΠ Ì-ò-Ù1+-Ùfli 1-ø-ΠÀ, 'Ó-~Ó-
 -ì«Ú± ð?√, ± "√√ì ñ 'ø-:±Ú fl±jòL ~fñ ~√√±fli±ø fli±ø ?√±, 1 jZ±1± 1-ø-1ø%-Ó- "ò√√ ±Ú, -ì«À|á- Ú±È-fli±
 "ò√√, ±1 1-ø-Π, -ì« ~√√±-±1Ó-1 -ì«-Ù-ì« ±1nΠ -ÙΩ-Ù±1±1 -Ù1± CE ±±± Ú±È-fli±Ú1 Ú±, fli Δ "√√AA√
 "√√øðÚ±-Ù±1 1È√± ?≈√ Π...òL '±1nΠ Ú±ø, fli± ~√√ø-Π« fli±1 -Ù±ø Ó-± fliÚ...± fl±jòL ±± ?√1±%-~ ÀÓ-
 'fl±jòL ± ±øÚ 1-ø-±ø S '±1nΠ 'o1± CE Úfli±1 fliÚ...±ø øfli± Ú±È-fli±ÚÓ- fli±1 ±| Ó- -Ù±ø Ó-± fliÚ...±1+À-Ù
 Ì-ò-Ù1±ø±-ÙÚ fli±1 Δ "√√AA√± Ú±È-fli±Ú1 ~" 1, ' -±1± Ú±, fli ?≈√ Π...òL ±È√Ú ÓæÀ1±?√±M√√ Ú±, fli±, ±Ó-È-± ' -
 fli±ø-ø @Ü... ± "ò√√ Ú±È-fli±Ú1 1-ø-Π, -ì« ±ÀÚÒì1ñ ðàð ~-fli±Ó- ~', ±Ó«æ 1È√± ?≈√ Π...òL "ò√√ ~', ± fli±1-ì«
 '±ø "√√ fli±1 ≈øÚ1 ±| Ó- ðàð± fli±1± CE Ó-øÓ-, ± CEÓ-~' .À√- Ó-±1 1-ø-1± -Ù±Úøø?√ Ófli± ±±ø±Ó- 'Ú, ~, ± ±1nΠ
 øðð, ±ø?√±À1 Δ, ÀÓ- fl±jòL ±fli± CE?√±± -Ù±, ° fl±jòL ±1 ðàðÓ- CEÓ-~' 1 'Ú ±fli± Π«Ó- "√√, ' ±1nΠ CE ~±À ±1±
 ±È-±1 ±|, Δ CEÓ-~' fl±jòL ±1, ij±±Ó- Ì-ò-Ù±ø±Ó- Δ "√√ Ó-± "ò√√ 1-ø-ΠÀ, ' ÀÓ±ø%-Ó- Ó-Ò... ± ± fli±1±
 øjZÓ-æ, ' -fli±Ó- 1È√± "ò√√ -Ù±Ú1 ±| Ó- "√√±, ≈À ± -Ù± "ò√√ ±| 1 Ý-ø-Π, fli 1 jZ±1± CE "√√±± :1 øÚ Lai ~À ~±
 CEfli±ÀÚ± fli±1±1Ó- 1È√± ±Ó-± "ò√√?√Ó- ~±À± CEÓ-~' fli ±øÓ- -Ù±ø±, ± "ò√√ ø?√± CEÓ-~' 1-ø-Π fli±
 -Ù±ø±, ± "ò√√ øÚÀÈ√, ±1øÓ1 'Ó- ±| ÀÓ- "ò√√ Ó±Àfli± Ó-Ó-æ, ' -fli±Ó- 1È√±fli fl±jòL ±1 CEð±Ó- øÚ ±ø7ij-Ó-
 Δ "√√ Ófli± CE?√±±± "√√, ° ø-±@yfli Ú± 1 'ÀÓ«±-ÙÀé-±-Ùfli± ðàð, ±1 È√ø1, ÀÓ- -fli±È-±1 ±1yøìÀÓ- "ò√√
 'fl±jòL ±± ?≈√ Π...òL1 CEð±Ó- -Ù±ø1, ±ø± Δ "√√ -Ù1± -ì«ø ?√ «fli± È√ÀÚ±± "√√, ° ~" -fli±Ó- 1È√± "ò√√ fl±jòL ±1
 '±ø±1 -ì«È√±, ±1nΠ fl±jòL ± "ò√√ ~Ú1 -ì«± 1È√±fli -ì«Mè√ fli±1± fl±jòL ± "ò√√ -ÙΩ-ÚSÓ- 1È√±Ö ~Ú1 fli±
 ø À± ±1nΠ, ±æÀ, fli 'Ú, ~, ± ±1nΠ øðð, ±ø?√± "ò√√ -Ù±ø± qÚ± "ò√√ 1È√±±, ij±±Ó- Ó-±1ø-ÙÀ√Ó- 1È√± "ò√√
 ±g±ø-ì«± "√√ ðàð±±ø?√±, ° øfli± CE-ÀÓ-~æ1 ðàð± Ó- ~±À, ±À1 ø~Ú1 -ì«± "√√, ' ±1nΠ 1È√± "ò√√ :1è-±
 fli±1-ì« > ± "ò√√ ±, ° %-Ó-~Ò« -fli±1± ±1yøìÓ- ø-±@yfli± ðàð, ±1 jZ±1± 'Ú, ~, ± ±1nΠ øðð, ±ø?√±1
 fli±ÀÓ±-Ùfli±Ú1 È√ø1, ÀÓ- 1È√± "ò√√ fl±jòL ±fli± CEfli "ò√√ø±Ú ±ÚÀÓ- 1±È√±Ú±æÖ øÚ, ±1 ðàðÓ-|nΠøÓ-
 11 ø?√1 ±È√...Ö Ì-ò-~øÓ- CE ±±±1 fli±± ðàð±±ø Ó- "√√, ° ~" -fli±Ó- ?≈√-ì«±, ± ±øÚ1 ±| 1 ðàð± CE?√±±± "√√, °
 CEÓ-~' fl±jòL ±1 fl±jòÈ-11 -ì«ø "√√1Ó- 'ÀÚfli, ~, 'À-Ùé-±1 'òLÓ- CEfli±ÀÚ± > ± "ò√√ Ú "√√± é-ìÓ-
 fl±jòL ±fli ±ø-±-Ù ø?√±, CE ø-Ó-1Ó-ø-À, ±1 fli±± ~ÚÓ- -±ø-ì«±ø± fli± CEÓ-~' fli±
 ÀÚfl±± fli±1À CE, "ò√√È√ÀÚ CEÓ-~' fli [fl±jòL ±fli] -Ù± "√√ø1 ±-ì«ø-ÙÀ√Ó- øðð, ±ø?√±1 'Ú±À±ÒÓ-À "√√ CEÓ-~'
 fli, CE CEfli±ÀÚ± ø-:±Ú -ì«ø%-è CE?√±±-ì«-Ù±ø±À À "√√ ~ÚÓ- -Ù±ø-ì«ø "ò√√ -fli±ÀÓ- "ò√√ fli±1± ≈øÚÀ, Ó-æÖ«
 w'ì1 -Ù1± ±ø "√√ fl±jòL ± CE ±... -Ù±S1 Δ, ÀÓ- ø-ì«±, ± Δ "√√ 'òL, Q± CE "√√±± fli±± -Ù±, ±1nΠ -Ù±øÓ- "√√
 -ÙÀì-±±1 -ì«±ø±
 fli±1± -Ù± ~-fli±Ó- fl±jòL ±, ~øìÀÓ- ±| -ì«±, æ 1±È√ ?≈√±1Ó- Ì-ò-Ù±ø±Ó- Δ "√√ 1
 È√±fli, ±é-± fli±1± øfli± ?≈√-ì«±, ±1 ±-Ù1 -ì«±-À-1È√± "ò√√ fl±jòL ±fli ~ÚÓ- fli±1± CEÚ±±ø±À ° fl±jòL ± "ò√√
 øÚÀÈ√ 1È√±fli ~ÚÓ- CE-Ù ±-ì«±, é~ Ú "√√ ° CEÓ-øÓ-, ± fl±jòL ± "ò√√ 1È√± "ò√√ ø%-è1+À-Ù ø?√, ± ±
 ~√√øì-ÀÈ-± CE?√±±±-ì« CE±±ÀÈ√±ÀÓ- CE, "ò√√ÀÈ-± CEÚ±À "√√±±± CE?√ø± ±%-ø1Ó- "√√, ° CE ΠÓ- Ì-ò-Ù±, 'Ú±-Ù±
 "ò√√ fl±jòL ± "ò√√ Ó-±1-Ù1± Ì-ò-~øÓ- '±À "√√ÀÓ- 1±È√-ÙÓ-ø± fli± CEÈ√...±øÓ-À, CEÓ-~' fli± ±, °
 Πá- -fli±Ó- ðàð± fli ±1 'ÀÓ«±-ÙÀé-±-Ùfli± jZ±1± ±À√~1ce, ± ±È√ÀÚ 1È√±1 Ú± Ófli± fl±jòL ±1 ø-:±Ú1+-Ùæ
 '±, ±√√øì-ÀÈ-± ø-ì«Sæ fli±1-ì« 'Ú± ±À√1 CE-ÙÈ-1 -Ù1± Ì-ò-ø >±± CE?√±±± Δ "√√AA√± CE, "ò√√ÀÈ-± -Ù± "ò√√ CEÓ-~'
 1È√±1 >%-1Ö Δ Δ CE?√±±±±Ó- 1È√±1 fl±jòL ±1 ðàðÓ-, fli± ± fli±± ~ÚÓ- -ÙÀ1± ~" -fli±Ó- 1È√± "ò√√ fl±jòL ±1
 ø-ì« "√√Ó- ?≈√ø±Ó- Δ "√√ -Ù1± CE?√±± ±, ° CE, "ò√√, ~, ÀÓ- "ò√√ "ò√√f1, ±1ø± ~Ó-ø-À, ' SnΠ øÚÓÚ1 1È√±fli± Δ
 ±, °, 5' -fli±Ó- ~±Ó-ø 1 Δ, ÀÓ- 1È√± ?≈√ Π...òL "ò√√ CE "√√ fli±È-Ó- ðàð± fli±1±ÀÓ- øÓ-
 Ú±È-fli±ø, -±±À fl±jòL ± ±1nΠ CEÓ-~'À ±fli± -Ù±S, -ì«?√~Ú1 'Ó-, ±é-±± "√√, ° Ó-±ÀÓ- "ò√√ ~√√ø-Π« fli± ± ...
 -Ù ±1nΠ ø?√øÓ-1 ± -ì«±±?√Δ ?≈√ Π...òL "ò√√, -ì«?√~Ú ±1nΠ fl±jòL ±fli± ~±Ó-ø 11ÓÓ- Ì-ò-ø±-
 "√√øðÚ±-Ù±1Ö ±S± fli±1± "ò√√, ±ÀÓ- "ò√√ Ú±È-fli±, ±5
 ° Ú±È-fli±ø, 'é-ì 'Ú±, ø1 "ò√√, ±Ó- -Ù±%-È√Ú fli± «...Ó- øÚÀ, ± Δ "√√ Ófli± -Ù±1nΠ Π %-ø1S CE?√±± Δ-À√-
 ~"√√ø-Π« fli±1, ø-ì«?√~Π fli±, «±e1±, ±1jZÓ- ±1nΠ CE-ÀÓ-~æ± "ò√√, ±Ó- -Ù±, øg, 'ÀÓ«±-ÙÀé-±-Ùfli, 'Ò«øðf'j±øÓ-
 '±ø?√1, ±μ1 ðàð, ± fli±1± Δ "√√AA√± ~" 1, ' -±11 ~ÀÓ- ±Ú 1, À-ì«±1 -1+À-Ù Ì-ò-Ù±ø±-ÙÓ- Δ "√√AA√±
 ø-ì«?√~Π fli± ±%-1ìÓ- "√√±, ..., ~, ± -ì«Ú±Ó- -ì«e11, %-Ó-~Ò« -fli± fl±jòL ±1 ø-ì«?√±, Ó- fli±nΠ ±1,
 "ò√√Ó-...±ø?√, ±μ1 -±±À Ì-ò-Ù±ø±-ÙÓ- Δ "√√AA√± Ú±È-fli±1 Ú± ±fli±1Ó- > Ú±È-fli±ø, 'é-ì 'Ú±, ø1 ø-ì«±, -ì«d1
 >-Ù1Ó- ø-ì«øM√√ fli±1± Δ "√√AA√± Ú±±ø± CEÚ±±fli±ø ø ±1 ±È-±1 1+-Ùfli øÓ- fli±1± Δ "√√AA√± Ú±È-fli±1 ðàð±±±Ú±1
 ðàðfli±1 -ì«ø-Ó- ±ÀÚ?√À1 ±Ú ±Ú é-ì, ~"√√ ~-fli±1 ±À±Mè√ ø "√√%-±-ÙÓ- Ì-ò-Ù±ø±-ÙÚ fli±1± Δ "√√AA√±
 CE, "ò√√-ì«À-ì« "ò√√ fli±±ø?√±, 1 ø-:±Ú fl±jòL ~f, -ì«fli±1 ±1, -ì«À|á- Ú±È-fli± ~"√√±fli±ø-ì«±, 1 ±øüü-ì«±, ±ø?√M√√±,
 'ø-À-Π fli±, ðàðÓ- ~±, -ì«ÀÚ±1±, l1 CE-ì«ø, -"√√±1, -ì«±-øÓ-1 Ì-ò-M√√1± %-ø1Ó- "ò√√Ó-...±ø?√ Ì-ò-ø± fli±
 Ú±È-fli±
 12 ~26√fli±øÈ-fli± f ~"√√±fli±ø-ì« fli± ø-ì«ø%-Ó- "ò√√ ±Ú CE|á- ðàðfli±1± ~-fli±1 ±±aÓ- Ì-ò-À~± fli± ±Ú ðàðfli±11
 , fli± ± é-Àì "ò√√ "ò√√, ±Ó- ±À±±± ~26√fli±øÈ-fli± f ?√ "√√È-± -fli±ø-ø @Ü "ò√√, ±Ó- %-±1nΠ?√M√√ ±1nΠ
 -ì«òLÀ, Ú±1 CEð± fli±ø "√√Úø -ì«Ú±

flj1± Δ √√AA√° ððflj111 ~ é-ì 'Ú≈, 1ì flj01 %~±1nΠ?√M√√flj mÊ√Ú ~É±pìl Ú±, flj ±1nΠ ~, òLÀ, Ú±flj Î-07jijø, Úœ
øÚ±±, œ ±1±
fljœ ÒÚ ≈MéV± CE~ì ...± Ú±ø, flj± 1+-ÚÓ- Ì-0-Ú¶ö±-ÚÚ flj1± Δ √√AA√° ððflj111±Ú1 ø-ì Π, ~id: ~^flj1, •Ú"« fljÄÚ±
ðð, "Ó-ø ø-ì Π, ~id 'Ú≈, ø1 ~-flj±1 Ú...±, Ú±~1 ððÖ ~-fljÓ- ~, òLÀ, Ú± √√ flj±1, ø-ì È- ±1nΠ CE%~È-1 ~Ú1±
√√±Ó-, ±ø1-ì Ö %~±1nΠ?√M√√1, 1Ó- ððÀ± fljÀ1° ø-ÚÁ√Ó- %~±1nΠ?√M√√ √√ ø-ì? "√ Πflj Δ ÆS, 1 jZ±1±
~, òLÀ, Ú±flj øÚ1±-ÚÀ?√, 1Ö ~Úøí- ~, ±, ° ~, òLÀ, Ú± √√ CEÓ-~"1 ~ì"œ, ± ±-~ -flj±1À-~±1 "√√", ±Ó- ΔÖ
±, ° ðð, -SèÀ CE?√±±±± "√√", CE ~, òLÀ, Ú± %~±1nΠ?√M√√1 ððøÓ- ~±, MéV°? "√...Ó-~flj1, -~±± √√flj Ú±~1
øjZÓ-œ, ~-fljÓ- ÊVœøflj± ø-ì %~±ø1 "√√± mÊVÁÚ %~±1nΠ?√M√√1, 1Ó-, -~±± √√flj1 %~±1nΠ fljÀ1° %~±1nΠ?
√M√√1 ø-ì-Ú?√1, ~, Ó- CEÓ-~" Ê≈V±± CE± Ó- ø 5 Δ √√ ±~±1 ÒÚ ø?√-ì CEÚ±±±ø1 ~Ú ± √√ ~, òLÀ, Ú±1, 1Ó-
CE, ± ±, ±1nΠ ~, òLÀ, Ú± √√ CEÓ-~"flj Ê≈V±±1œ1 ~Ú1± Ý-ì ≈M√√ fljÀ1° øgÀ26v?√ Ú±~1 Ó-Ó-œ, ~-fljÓ-
ø-ì « flj Ú±~1 mÊVÚ ~1±" √√ ~, òLÀ, Ú±1 ø ø-1œ ~?√øÚflj±flj ~± ~Ú± √√øÁV ~±1nΠ Ó-~± √√flj øÚ-ì Ö %~±1nΠ?
√M√√1, 11 ~Ú1± ~, òLÀ, Ú±1 ~-flj±1À-~±1 %~±1 flj01øÁV ~?√øÚflj±- ø-ì « flj Ú±~1 %~±1nΠ?√M√√1, 1Ö ~±ø √√ flj±øµ Öflj±
~±1nΠ ~?√øÚflj±1 flj0±1 ~Ú1± ~, òLÀ, Ú± √√ CEÓ-~"À ±flj1 CEðð~1 ø-ì ΠÀ, ~ ~Ú± √√ ~±1nΠ ø-ì « fljflj ~?
√±øÚflj±flj ø?√À, ° %~±1nΠ?√M√√1, 1Ó- ~±fljÀ ~, òLÀ, Ú±1 ~-flj±1 CE √√1nΠ±flj Δ √√± √√±flj±1 ±À ~±1nΠ
~ÚPœ±1 1P±± œ √√±1±~± flj ø?√-ì Ö Δ ÆS, flj ~Úøí- ~, ±, ° ~, òLÀ, Ú± %~±1nΠ?√M√√1, 1Ö ~±ø √√ flj±øµ Öflj±
CE1± √√À, Úflj ~Ú±, ° ø, CE, ±11 ~±~± œ Ú±~Ú± √√ fljµ± ~±ø ~ ~Ú± √√ ~, òLÀ, Ú± √√ CEÓ-~"1 ~-flj±1À-~±1
CE1± √√ÚÀ, Ú1 ~±~± œÓ- ~±1± √√ ø?√ CE, ±11 ~±~± œ øfljøÚ-ì ø?√À, ° ~±ø?«√Ú Ú±~1 ~Ú≈ ~-fljÓ- ~, òLÀ, Ú± √√
±.1±fljœ ø ~, ±ø1flj±1 ~±± Öø1 ~ì Π≈ìÓ- øÓ-øÓ- CE, ± ±, ° Ó-±Ó- CEÓ-~" flj±À-Ú±1, ±ÊV, ~± √√ ÚÓ≈~Ú
mÀÊV±1 ø-Úøø 1±øÓ-ÀÊ~± fljÊ~±, ° ðð-ì √√ ø-ì-Ú «, ~Ú±~1 Πá-~ -fljÓ- %~±1nΠ?√M√√ √√ ~, òLÀ, Ú±flj ~
CE~Ú±±±1 Î-0ÀVÀ ... m±Ú Î-0?√...±ÚÖ ~±, ° ~, òLÀ, Ú±À, ± ±-ì Ö » ± √√ ~±ø √√ ~± ÀÓ- flj±11 ~±~± œÓ-
Î-0À1-° ~. ÀÓ- ~± «flj, 1ÊV± ~Ú± flj, ~ìœ1flj, %~±µÚflj, ~ø-ì « flj ±ø?√1 flj±ø √√Úœ CE?√±±±± "√√", ° ± «flj±~Ú" √√1
Ú±~1, 5 ~-fljÓ- ~± «flj Î-0?√...±ÚÓ- Î-0-Úø¶öÓ- "√√", ~±1nΠ %~±1nΠ?√M√√1 11±~ÚiB √√, ~ø?√-ì Ö « ±Ú1
~ √√±, Ó- ~± «flj Ó-~±1 ~Ú1± ~±Ó-ø1» ±, ° ~, òLÀ, Ú± ±ø √√ CEÚ±À-Ú±±± ±±±±?≈±±Ó- %~±1nΠ?√M√√ Ó-~±1 ~Ú1±
8øÁV ~±, ° ~, òLÀ, Ú± CE ~±Ê-~flj Ú±~1 @Ü ~-fljÓ- flj±À1 ~, òLÀ, Ú±1 ~Ú ÊV, flj01-ì CEÚ±±±ø1 CEÓ-~"flj ~±ø1-ì Ö
Î-0?√...Ó- CE √√±±±Ó- ~, òLÀ, Ú± À%~±Ó-Ú Δ √√ ~ÚÀ1° flj±À1 m√√ CE?√± Π %~±1nΠ?√M√√flj ÊV±ø-Ú ø?√-ì
~±ø ~ÚÀÓ- ø-ì-±- flj01øÁV ~ø?√, -~±± √√Àflj ~Ú± √√ ~, òLÀ, Ú±flj, ≈¶ö flj01 CEÓ-~"À ° ~...± √√±1 Ú±~1 Ú± ~-
fljÓ- flj±11 %~±1 ~Ú1-ì Ó- %~±1nΠ?√M√√ Ú...±, ±, ° Ö ~±-ì ~± √√, ~±1nΠ Ó-~±Ó- %~±1nΠ?√M√√1
ø-ì-Ú1œÀÓ- ðð ± CE ±±±Ó- CEÓ-~"flj Ó-Ú- ~Ú?√, √√ CE?√ ±ø1L flj01-ì Ö '±À?√ ø?√À, ° ~, ~√±1 Ú±~1 ?√ ~-
fljÓ- %~±1nΠ?√M√√flj ~ Ó- ø?√-ì Ö Î-0?√...Ó- CE √√±±±1, ~, ÀÓ- √√
13, -~±± √√flj1 Δ, ÀÓ- ~, òLÀ, Ú± CE, √√ ~±-~± √√Ó- Î-0-Úø¶öÓ- "√√", ~±1nΠ, fljÀ ± flj0± flj, ° ± «flj± %~±1nΠ?
√M√√flj ~Ó≈~...?√G1 ~Ú1± CE1 √√± √√ ø?√ mÊVÚ Î-02%~ ø-ì Π, ~±1±À-Ú øÚÀ, ± fljÀ1° flj±À1 øÚÊV1 ~-~ ¶öœflj±1
fljÀ1° CE ΠÓ- %~±1nΠ?√M√√1 Δ, ÀÓ- ~, òLÀ, Ú±1 ø-ì±± √√ √√, ° m±Ú ððflj111, fljÀ ± é-À1 √√ √√, ±Ó-
~µ1 ~±À± ððøÓ-Ú-ø Ó- Δ √√AA√° %~±1nΠ?√M√√ mÊVÚ Öœ±1 ðð ±øLflj Ú±, flj ~26flj0È-~flj f±Ú ððflj111
Ó-Ó-œ, ððflj±1 'Ò«±» Ú±ø, flj± CE~ì ...± ±1nΠ flj± ÊV± Î-0-À ~, √√ø øfljÊ-, ø-ì È-, CE%~È-, ?√...Ó-~flj±1
√√Ó-~±ø?√ %~±ø1SÀ-~±1, ~µ1 ~±À± Î-0-Úø¶öÓ-Ú-ø Δ √√AA√° øÓ-Àflj, fljÀ ±
ø?√ 1 ~Ú1± %~±1 ~26flj0È-~flj f m±Ú Î-0»flj±ø ððflj111 ~±ø flj±-ì ~Ú±ø1° √√, ±1 Î-0-
Úø1» ~± Ó-œ ±Ö± f, ~Ú≈@Ü ~-ø ΠÓ-~ f ±ø?√ ððflj111 Î-0?√± √√11° mÀÚ?√À1 ±Ú ±Ú 1+-Úflj1 ø-ì ~±-À-~±11 > Î-0?
√± √√1 CE~Ú±±± ±, ° œ ± Ö≈flj1 ~±, CE, Å øgflj± √√1, ~Ö...~ì...À, ±, ±ø?√ ~ì...À, ±, ~Ú=1±S, ~≈~ ÖÜ f
~±flj±1, øS-Ú≈1±?√± √√ øí-~, flj±, ~ À ±1ø-ì ÊV, "√√ √√±", ø «@Ü±- ±øM√√ ~-flj ± ø-ì flj± ~ìœÖœ ±1nΠ
fljµ-Ú«Àfljø, Ö"Ó«~%~±ø1Ó-~ f ±ø?√ ðð √√, Ú1 Î-0?√± √√11° mÀflj±√À1 Î-0-Ú1+-Úflj, ~"√√ CE~Ú±±± ±, °
Ú±øÈ-~flj± ±È-~± √√Ó-Öflj ððø, X Î-0-Ú1+-Úflj° øÓ-Àflj m±Ú Ú±øÈ-~flj±1 ø-ì ΠÀ, ~±À ±%~±1 flj1± √√ì - 1P±± œ
- √√ «~ìÖÚ1 jZ±1± 1ø%~±1nΠ?√M√√1, 1Ö ~±ø √√ m±Ú øÓ- ððø, X Ú±øÈ-~flj± CEÓ-~"øðð, ?√ø «flj± Ú±~1 ±Ú m±Ú Ú±øÈ-~flj±
~±1nΠ Ú±~±Úµ f Ú±~1 m±Ú Ú±È-~flj± 1%~±1 flj01øÁV ~ø flj± 1P±± œ CEÓ-~"À1, ~ìÊVÚ ø-ì ø?√Ó- 1%~±1nΠ?√M√√1 ~-
flj ≈MéV m√√ Ú±øÈ-~flj±Ó- ~-flj±1 ±À¶a±MéV, fljÀ ± é-À1 √√ Î-0-Úø¶ö±-ÚÚ flj1± Δ √√AA√° ø, - √√ 1
1±ÊVfl±±1œ 1P±± œ ±1nΠ Î-0?√, Ú1 ðð, flj±ø √√ÚœÀ, "√√ ~" ø-ì Π, ~id "√√", ±1° ø-ì Π, ~id mÀÚÓ111 CE -
ððÖ ~-fljÓ- Î-0?√, Ú1
Lace CE Æ.g1±, À1 ±ÊV...1 Î-0iBøÓ-1 ~±-À-~±1 ø, - √√ 11±ÊVflj± ±1
œ 1P±± œflj Î-0?√, Ú1 ~Ó- ø-ì, ± flj1±-ì ø-ì %~±1nΠ?√M√√1 CE, À, À √√ Î-0?√, Úflj 1P±± œ1 ððøÓ- ~±flj±øÚ flj1±-ì Ö
~LaceÀ, Î-0?√, Ú1 ~ÚPœ ~
ì±, ~ì?√M√√± øCü?√*± Δ √√ ~Ó- ~±ø ~ Î-01± ~ì-ø-ø1 ðð%~±1 fljÀ1° ~

fljÄ ~ ^-±1Ö-œ°
Ú±Ë-flj1 Î-ð»-ÛøM√v1 ø-ï-ΠÄ° , ø-ïø-ï-ß ~
Ö-ï-ï±?√ ±-ï-ï-± ~ ð√vÄÄv° øð±%-œÚ ^-±1Ö-œ° , ±
ø"√vÖ-...1 "ð√vøÖ-~√v±, flj øðÖ±ÚÖflj øÖ-øÚË-± ^-±-Ö- ^-Ä-±±± ~√v° , Æ°ÀÚñ Î-ðæv³ flj± , ^-~...Ö±Ú flj± ~ ±1nΠ
'³, ±±?√ flj± ° flj±ø?√±, 1 [4 Ö« ðÖ-flj±1] -Û-ï-«³Ö«-œ flj± ÄÄv±±±Ö- , -¶'øÖ- , ±ø"√vÖ-...1 øð±° , fljÄ ±Ä-ï-±1
øðÖ±Ú , ±ø"√vÖ-... ±±±1 Î-ðæv³ Δ"√vøÄv° ° flj±ø?√±, 1 -Û1± ± ~√v° Π«1 [12 ðÖ-flj±] ø?√ÚÖ"Àflj , -¶'øÖ-
, ±ø"√vÖ-...1 -Ûø1-Û"l«Ö-±1 flj± ~ ±1nΠ ± ~√v° Π«1 ø-ÛÄv1 -Û1± SÄ° , ±±?√ ðÖ-flj±Ö"Àflj '³, ±±?√1 flj± ~ ï-ø° Æflj±±±
~√v° , ° øð±flfj flj±ø?√±, 1 ~-1 ø° , flj ~ , ±ø"√vøÖ-...flj1 1%-Û±³ œ-ï-Ö«-~ ±Ú Î-ð-Û t Δ"√vÄÄv , Æ , "ð√v , flj 1
ø ^-Ö-1Ö- Û±Ë-...flj±1 ^-± , 'Ú...Ö-~ ° ^-± , 1 flj± ± #øÛ-Û-ï-« øðÖ" ðÖ-flj±1 -Û1± #øÛ±1 øðÖ" ðÖ-flj±1
ø ^-Ö-1Ö- ï-ø
ø" 'Ú ~ ±Ú flj± ~√v° , ° flj±ø?√± , Æ|á- ^-±1Ö-œ° , Ú±Ë-...flj±1, flj 1 'Ú...Ö-~ ° #øÛœ° , %-Ö-~Ö« ðÖ-flj±1 85-ï-
'œ° , 1Ëv± ø-ï-Sê ±ø?√vÖ-... %-f851 1±Ëv , ^-±1 ø-ïø"øÛ 1±Ëv flj±ø-ï flj±ø?√±, 1 , ±Ö-øË- Ö-±1 flj±øÖ-1 ø ^-Ö-1Ö-
øÖ-øÛ±Ú Ú±Ë-flj Æ-Û±³ ± ± , ° Æ , "ð√v Æflj"ð√v±Ú SêÄ ~ ± ø-ïflj±øçüø S, ø-ïSê Ä ±-ï-« ° , ~ ±1nΠ 'ø-ï-
±Ú fl±jôL ~ f°
øÖ-øÛ±Ú
Ú±Ë-fljÄÖ- flj±ø?√±, 1 Ú±Ë-... ΔÚ-Û≈l... øðøÖ-Û-ø Ö-Δ"√vÄÄv° ^-±1Ö-œ° , "ð√vøÖ-~√v± , ±1nΠ -Û≈1±-ï-M√v1
-Û1± Ú±Ë-flj1 flj±ø"√vœ , -çø"√v flj± Δ"√vÄÄv ° ø?√v
Ú±Ë-...flj±Ä1 ¶fljœ° , Î-ðæv±³Ú , -Ä° ±ËvÚ ±1nΠ -Ûø1 ±Ë«vÚ , È-±"ð√v øÖ-øÛ±Ú Ú±Ë-fljÄÖ- flj ±Rflj Æ , Äµ« « øð?
√±Ú flj±ÄÄv° 2.2 Î-ðÄV ... [Objectives] ^-±1Ö-œ° , Ú±Ë-flj1 -ïœËv Æ-ï-?√1 , -ï-±?√ , "Mêv , ~"√vÄÖ-øÛø"√vÖ-
Δ"√v ±
øÄv ~ ï-ø" -ÛøGÖ- , fljÄ ~ Ö- Æ-Û± Πl fljÄ1 °
ø?√v øð±%-œÚÖ-~ Ú±Ë-flj1 øÚ?√ «Ú Ú±Ë-...flj±1 ^-± , 1 Ú±Ë-±flj³ œÖ-Ä"√v Æ-Û±³ ± ± , ° Æ , Ä ^-±...1 ø-ï-Π° ,
Æ ^-± , 1 -ï-ø" ¶fljœflj'Ö- ÆÖ-1±Ú Ú±Ë-flj "ð√vøÖ-~ÄÖ... ±ø³¶'øÖ-Δ"√vÄÄv° ±"ð√v , ~"√v Ú±Ë-fljÖ- Ú±Ë-... ±¶a1
ø-ïøð ø-ïÖ±Ú1 øð ^-±³ ¶fljœÛ1-ÛÖ- -Ûø1 øé-Ö-Ú "√v-ï-±ø1 ø-ï-Û1œÄÖ- ±"ð√v Ú±Ë-fljÄflj"ð√v±ÄÚ ^-± , 1 ¶fljœ
Ú±Ë-... 1œøÖ-1 , ±é-... -ï"√vÚ fljÄ1 -ï-Ä-ï- ^-± , 1
Ú±Ë-flj±³ œflj flj±ø?√± , ±ø?√ Ú±Ë-...flj±1Ö-Öflj -Û'Öflj ¶flj ø-ï-^-±-Ö- ±Ä° ±%-Û± flj± ~√v° , ° ±"ð ø-ï-^-±-øË-
'Ö-... 'Ú flj±±1 'ôLÖ- ±-Û≈øÛñ l Ú±Ë-flj1 Î-ð»-ÛøM√v , °¶Äg Öflj± ø-ïø-ï-ß -ÛøGÖ-1 ~Ö-ï-±?√ , ~"√v1 ^-Ö-
-Ûø1ø%-Ö- "√v-ï- -Û±ø1-ï , l Ú±Ë-...flj±1 ^-± , 1 -Ûø1%- , -Û±-ï , l Ú±Ë-flj√v1 Î-ð» , °¶Äg Èv±øÛ-ï -Û±ø1-ï , l
Ú±Ë-flj1 ±-ø-flj1 -Δ-ïø"øÛ...1 ø-ï-ΠÄ° , :±Ú ± ^- flj±-ï , l ±"ð√v -ø-ï-^-±-øË-Ö- Ú±Ë-...flj±1 flj±ø?√±, 1 jZ±1±
1ø%-Ö- Û±Ë-flj
Æflj"ð√v±Ú1 '±Ä° ±%-Û± flj±1 Δ"√v
ÄÄv° ~ ±³ø-ïflj±øçüø S, ø-ïSêÄ ±-ï-« ° , ~ ±1nΠ 'ø-ï-±Ú fl±jôL ~ 1
ø-ï-Π° , -ïd -Û'Öflj -Û'ÖfljÖflj ±Ä° ±%-Û± flj±1 Δ"√vÄÄv° flj±ø?√±, 1 Ú±Ë-flj1 , ±Ö±1 Δ-ïø"øÛ... , Ú±Ë-...flj±11
Ú±Ë-... ΔÚ-Û≈l... '±ø?√ ø-ï-Π° , Ö- ± ± flj-Û±Ö- flj±1 Δ"√vÄÄv° 2.3 - , -¶'øÖ- Ú±Ë-flj1 Î-ð»-ÛøM√v -Û1•Û1±-Ö-
~Ö-ï-±?√ ^-±1Ö-œ° , -Û1•Û1±"ð√v , fljÄ ± ø-ï-?√...± ±1nΠ flj ±1 Δ?√ø³flj Î-ð»-ÛøM√v ¶fljœflj±1 fljÄ1° Ú±Ë-...flj ±Ä1±
ÆÖ-ÄÚ ¶flj ¶fljœ«œ° , Î-ð»-ÛøM√v1 -Û1•Û1± ±øÛ Æ ±³ ± Δ"√vÄÄv° Æ , "ð√v -Û1•Û1± ~ÄÖ- ø-ï-± , flj± ~√v° , Æ
± , ~ , Ö- Æ?√³-Äl , 'øðÛfljÖ«-± -ï-Ëp±flj , ±é-±» fljø1 ÆÖ-»"Ä ±flj1 Δ?√øÛflj Èvœ³Ú1 ¶fljÄ, ±± ± øÛflj) %%-ï-ï-Ö
'±Ä° ±?√ øðÄ ±?√1 Î-ð-Û± , Î-ðæv±³Ú flj±1-ï-Ö" 'Ú≈Ä1±Ö flj±1Ä° -ï-Ëp±"ð√v ÆÖ-»"Ä ±flj1
ÄÚ±1?Ú1 -ï-±Ä-ï ¶flj 'ø-ï-Û± Ú±Ë-...Äv³?√1 , 'øðÛ flj
ø1Ä° ° Ö-±1 -ï-±Ä-ï ÿ-Äç' ?√1 -Û1± -Û±|±- , , ±Ä³?√1 -Û1± .œÖ- , È≈vÄ³«?√1 -Û1± 'ø-ï-Ú° , ±1nΠ 'Ö-ï-«Ä³?√1
-Û1± 1 , , -çø"√v flj±-ï-Ëp±"ð√v -Û± = Æ±?√ 1±Ä-Û Ú±Ë-...Ä³?√ , 'øðÛ flj±1Ä° ° Æflj±³ ± Δ"√vÄÄvñ

Ó...Ó- ¢ ¤√√Á-+1 Î-0-Ú±?√±Ú1 Î-0-Úø¶öøÓ- %-fl≈jÓ- -ÚÀ1° ø-+1± "√√, "MèVÓ- Ú'Ó-...1 Î-0À~+ ±ÀÁ√° , ±~À? √Ó- œÓ-1 øð±%≈~ ¢ ¤-Ú«~ ±Ú° ~√√±-ÉÖ-±Ú±á-±ÚÓ- 'øCú -Úø1Sé~ ì fljø1 ~≈áÓ-œ, fljÀ Ú'Ó-... flj±1± ø-Ú±Ú ±ÀÁ√° CE, ±Sè, 1, ~, Ó- CESeÓ-±-ø-ÀSèÓ-+1 flj±øÉV, ±1 'ø-Ú', -+ÉVÁ-Ú, Ó- -Ú≈Á1±ø√√Ó- '±1nΠ ËV~ ±Ú-ÚPœ1 CE Åøfljflj, - ±-Ú, 'ù À Ò :Ó- ~Ó- CE, ±1±1%~1Ó- 1±ÉV ø√√Πœ1 'Ú' 'ø-Ú', 1±ÉV, " Ó- -Ú± ±À± ±1nΠ 'ø-ø-ΠMèV 1ÉV±1 ÉV, 1 'ø-Ú', -+ÉVÁ-Ú, Ó- 1ÉV±1 1Ó±Á1±√√ ±1nΠ ø?√øC ËV, 1 'ø-Ú', '±ø?VÀ', yªÓ- -ø-ÚÁVÖ Ú±É-flj±ø-Ú, fljø1-Ú Ì-0», ±√√œ CE ±fljflj 'Ú≈Àøð1± CE ±± ¤√√øÁV° ÉV± «±Ú -ÚøGÓ- CE±+11 ?√Á1 ø%-øL±ø-Á?√ Ú±É-flj1 >-Ú1Ó- Çðœflj øð ±± ø-%-±±ø1 -Ú± ¤√√ÁÁV°, -¶@Ó- Ú±É-fljÓ- , ÀÚ -+...ª√√+Ó- ¢Ú, ¢øÚflj± ±ø?√ s1 Î-0»-ÚøM√VÖ ~é-...

fljø1, -¶@Ó- Ú±É-flj1 ÉVj ±1nΠ ø-flj± Ó- Çðœflj Ú±É-flj1 øð ±± ¶øœflj±1 flj±± "√√, ° øfljç ±-1Ó-œ, Ú±É-flj1 CEé-SÓ- ø~ Ú±øL -+± ø-Á, ±±øL Ú±É-flj1 Ó±1± Ú± ¤√√° Çðœflj Ú±É-flj1 øÓ-øÚ <flj...1 ø-Á, ±±øL Ú±É-flj1 Ó±1 ±± Ú± ¤√√° Çðœflj Ú±É-flj1 øÓ-øÚ <flj...1 Ó±1±>, -¶@Ó- Ú±É-fljÓ- Ú± ¤√√° Ó-?≈√-Úø1 ±-1Ó-œ, Ú±É-... ±¶a1 jZ±1± 'Ú≈Á ±ø?VÓ- ~-+...ª¶ö± Çðœflj Ú±É-...±ø-Ú, 1 CEé-SÓ- CE?√±± Ú± ±, ° ¢ÀÚ 'ÀÚflj Δ-+?√ ...1 -+±Á- Çðœflj ±1nΠ ±-1Ó-œ, Ú±É-flj1 ±ÉVÓ-, •¶g ¶ö±-ÚÚ fljø1-Ú CEÚ±±ø1° CE fljÎ-ÀÚ, ø-ÚÁ('±ø?√ -ÚøGÁÓ- ±-1Ó-œ, Ú±É-flj1 Î-0æVªÓ- Çðœflj øð ±± ¶øœflj±1 fljø1ÁÁV° >-Ú1Ó- '±-+ÁÏ- ±± ø-øø-+iB ~Ó-+±?√ ~øMèV ~MèVÓ-± ø-%-±± fljø1 %~± ¤√√ ¢ÀÚ ø, X±øLÖ ±ø√√-Ú±ø1 CE ±-1Ó-œ, ±ø√√Ó-...1 -+fl≈jÁÓ-, -¶@Ó- Ú±É-Áflj ÉVj ± ± fljø1øÁV° Δ-+ø?√flj, ±ø√√Ó-... ±1nΠ øSè, ±- flj±GÓ- Ú±É-flj1 -+œÉV øÚø√√Ó- Δ√√ ±øÁV ±1nΠ -Ú1ªÓ-œ flj± Ó- øðøÓ- ±-+±Ú Ú±É-...flj±1, flj 1 "√√±Ó-Ó- ¶ö±Úœ, 1-1+Á-ÚÁ1 ±-1Ó-œ, Ú±É-flj, "X Δ√√ øÚÉV1 ÉVj ~ø 1 ø-flj± ± ± fljø1ÁÁV° '±R" ...±, Ú øðüü 1°, -¶¶@Ó- Ú±É-flj1 Î-0», •¶Ag ±-1Ó-œ, -Ú1-Ú1± CEfljÁÚ Ó±1±1 øð%-Ú ±ÀÁVΣ [50 É-± s1 ø-Ó-1Ó- Î-0-M√√1 ø ±flj]

..... 2° Ú±É-flj1 Î-0»-ÚøM√VÓ-, -+±?√, "S1 'ª?√±Ú CEfljÁÚÓ1± Σ [50 É-± s1 ø-Ó-1Ó- Î-0-M√√1 ø ±flj]

..... 2.4, -¶@Ó- Ú±É-flj1 øðflj±1Á ±-?√ øð±%-œÚ ±-1Ó-œ, ±ø√√øÓ-...Ó-±øNflj, fljÀ flj±-+...flj ±≈√É-± ±-Ó- ±- fljø1 ±À ±%-Ú± fljø1øÁV° |...flj±-+... ±1nΠ ?√ ...flj±-+... 1+-Úflj ±1nΠ Î-0-Ú1+-Úflj CE ±-Á?√?√ ...flj±-+...flj ±≈√É-± ±-Ó- ø-Ú-ÚMèV° 1+-Úflj ?√√ øðflj±1 CE ÀÚñ Ú±É-flj, øðflj1, ±-Ú, -+...À, ±, ±, ±flj±1, øÌ, ±√√±, -flj, -+œÖœ ±1nΠ øð√√, Ú° CE ÀÚñ 1+-Úflj1 øðflj±1 CE ±-?√ Ú±É-flj øðflj1 ±-Ú -+...À, ±, øÌ- -flj -+œÖœ øð√√, Ú, ±flj±1 ÷√√±, Î-0MèV øðøÓ-ø-Ú 1+-ÚfljÁ1, ≈fljœ, ±, ≈fljœ, ± é-Ú Ú±É-... ±¶aÓ- øÚ1+-Ú fljø1 ø?√, ± Δ√√ÁÁV° Î-0-Ú1+-Úflj± CEÓ-ÁÚ?√Á1 >-1øÈ- øðflj±1 øÚø?√@Ú fljø1 øðøÓ-ø-ÚÁ1 ¶ø1+-Ú- é-Ú øÚ1+-Ú flj±1 Δ√√ÁÁV CE ÀÚñ Î-0-Ú1+-Úflj CE S±É-flj, Áflj øð¶ö±Ú flj±ª... 1±, flj ç-ø?VÓ- ø-Ú ±ø, flj± øðflj1œ ±-øÚflj± Ú±øÉ-flj± CE ±-á-œ Ú±É-...1±, flj Î-0~±-Ú... CE øð-±Ú, - ±- Ú ø ãflj ±≈√ «ø~flj± "√√~œ

2.5 Ú±É-...flj±1 ±, flj±ø?√±, 1 -Ú-+«ªÓ-œ Ú±É-...flj±1, flj 1 ø-Ó-1Ó- CEfljª ±, ø-1ø%-Ó- Ú±É-flj, ~"√√ Á√√, •Ú"«Öflj CE-Ú±ª± ±, ° yÚø-Ú- øÓ-flj±1 'øøL -Ú «±, Ö Åflj, -¶@Ó-, ±ø√√Ó-...1 ±, 1 Ú± øð, - .1+Á-ÚÁ√√ CE-Ú±ª± Δ-øÁV° flj±ø?√±, -+± ±-Á±ø?√, ±ø√√øÓ-...Áflj øÚÉV1 øÚÉV1, ±ø√√Ó-...Ó- Ú±É-...flj±1 ±, 1 ø-Ú Π, ° øð -, Î-0À~+ ±-+± ± ¤√√ÁÁV° ± Ç±ø1flj 1±ÉVÀ ±Á> ±, 1 Ú±É-flj, ~"√√1 ø-Ó-1Ó- ¶øöü-+±, ¢? √M√√±1 CEjã-Q1 flj±ø ø ±ÁÁVñ ±, Ú±É-flj %-ÀSèø-ÚÁ26VÖflj- øé-Á5 -Ú1œøé-Ó≈~ f° ¶øöü-+±, ¢?√M√√, ... ? √± "√√ CEflj± ≈±-Ú -Ú±ªflj-ºº ≈±±1 flj±ø CE ±1±ÉVÀ ±Á1 Î-0À~+ flj± ±, fljø-1 Ú±É-flj %-Sè1 Ú±É-, ~"√√ ¢ ¤√√ 'øÓ-flj±1 1" ?√ fljÖ CE ±flj%-fl≈jÓ- -Ú1± Ú±øÁV° CE, Å ±-+... -Ú-Ó- 1909 %-ÚÓ- CEfljÁ1 ±1 øS-+f~1 -ÚøGÓ- -Ú-ÚøÓ- ±¶aceÀ, CEÓ-1±Ú Ú±É-flj1 -Ú±G≈ø ø-Ú ±øª@±1 fljÁ1° 1912 %-ÚÓ- ±¶ace Î-+±, √√1œ, ± ¤√√ øS-+f~ ÇðLöÀ ±Ó- ¢ ¤√√ Ú±É-flj±flj ¤√√±Ú øðflj± fljÁ1° Î-0», 'Ú≈, ø1 Ú±É-flj±flj ¤√√±Ú ¢ÀÚ?√Á1 ±-+± -Ú±ø1- [1] 1± ±, 1 ±±ø±1Ó- 1ø%-Ó- - [1] 'ø-À-Πflj ±1nΠ [2] øðøÓ- ±, [3] ~"√√± ±-1Ó-1 >-Ú1Ó- ±±ø±1Ó- - [3] ~Ó-... ±-+±, ±, [4] ?"√√Ó-ÀÈ-±»flj%, [5] ?"√√Ó-+±flj..., [6] flj« ±1 [7] Î-01nΠ ±e, ±1nΠ [8] -Ú=1±S, [3] ±-ªÓ-Ó- "√√ø1-Ú- 1 ±±ø±1Ó- 1ø%-Ó- - [9] -+± %-ø1Ó-, [4] -Ú"√√»flj±1 >-Ú1Ó- ±±ø±1Ó- - [10] -¶øöü-+±, ¢?√M√√ ±1nΠ [11] øðøÓ-:±À Ä-Ç1±,], [5] ÉV±Ó-flj1 ±±ø±1Ó- 1ø%-Ó- - [12] 'ø-± ±1 flj - CE ±flj flj±ø ±±ø±1Ó- 1ø%-Ó-, [13] %-±1nΠ?√M√√ [flj] Î-0MèV Ú±É-flj Á-+11 ±ÉVÓ- CEfljÓ-Á-+11 ±-ÚøÚflj Ó-±»-Ú «1, ~Ó-± CE?√±± CE-Ú±ª± ±, - CE ÀÚñ [1] ¢ ¤√√ Ú±É-fljÁ-+11 øð±, ±-±, èÚ±µ...Àø¶ Ó-Ó- øðøª øÓ-, "SÒ±1Í- ¢ ¤√√ øÚV« Ú±Á1 ±1y Δ√√ÁÁV° [2] flj« ±1 f Ú±É-flj1 -+±ø√√Á1, -¶@Ó- Ú±É-fljÓ- CE?√±± øðø¶±±Ú±1, øÚ è¶ö±-ÚÚ±1 -+...ª√√±1 %-fl≈jÓ- -ÚÁ1° [3] CEfljÎ-0±Ú ±Ú Ú±É-fljÓ- [¶øöü, øðøÓ-:±, øðøÓ- ±, -Ú=1±S] ~e CE±±fljÓ- ~±-±-flj±11 ±±ÉVÁ1 ≈±-Ú±S1 Î-0À~± fljø1ÁÁV° [4] Ú±É-flj±-+1Ó- Ú±É-...flj±11 Ú± ± ¤√√ [5] øð±, Á-+11 Ú±É-flj1 ¶ ø±-ÚÚ±Ó-, "SÒ±Á1 è±-+f f ± ± «~ù±Úf ø-+±-Ú, ±ø° 'Á', øflj±≈± ≈ø, ø-+±-ÚÚ-+...ÀÇð 's ¤√√ª |+', ÁÓ-º 'e -Ú' ...±ø± ¢ ¤√√?√ Á1 Ú±É-flj ±flj± fljø1ÁÁV° [6] Ú±É-flj CEflj ¤√√±Ú1 ±-1Ó- -+±flj...Ó- 1±ÉVø, -"√√1

Í-òÀ~† fljð1AA√ - "ò√√ ±- , ±1 ñÚ° «±òL±- ø" √√ -í?≈√ø-ig...fl≈iG ± f° [†] Ú±È- flj%~Sê1 Ú±È- fljÀ-í1Ó- Ú±È-...
CEfljÀ ~ CEfljÓ-À-í11 , ±... CE?√±± ± , ° CE'ÀÚñ [1] CEflj'ò√√±Ú Ú±È- fljÓ- ^-1Ó-1 Ú±È-... ±¶ace , ø-í0Ø Í-ò , ¶, Ú
fljð1AA√ [2] è-í± %~ø1Ó-íÓ- flj- , ±ø?√1 -í0 1e =ÀÓ- CE?√±±± Δ' √√AA√
Ó-?≈√-Úø1 Ú±È- fljÀ flj'ò√√±ÚÓ- 'òL1- , ±... CE?√±± ± , ° [3] ¶¶öü-í± , ±?√M√±ÚÓ- ' , ' Ú CE?√±±± Δ' √√AA√ [4]
è-Ú=1±SÍÓ-?≈√1± √√±Ú1?√' ... ±AA√ [5] ¶¶öüÓ- ' ±1n¶ -í± %~ø1Ó-Ó- -Úø1%~±1Áflj 1É√± flj è¶¶± ± œí Ú≈-í≈ø
ë'± «-Ú≈SÍ -í≈ø , À·¶±ÓÚ fljð1AA√ [6] Ú±È- fljÀ-í±1 ^nÓ-± ± œ° øð±À , ø , À-í±1Ó- øÚøçí ... øðø-í ... øÚÀ?«√' Ú±
CE?√±± ± , ° [7] '± flj± ^-í±ø- ¶Ó-1?√Á1 ¶¶-ÀÓ-±»øMè√ øð±À , "ò√√ CE?√±± ± , ° [8] flj±≈fljœ øð' -íøÓ-À , ø-í: ±-ÚÚ
ø?√-í0 Δ' è flj'ò√√ √√ CE ^-í± flj±=ÚÀÓ-±1jZ±1 ~'Ú... fl≈1n¶ÀÓ-í' ±1n¶ èøÚÀ-í?√...Ó-±- øÚÀ-í?√...Ó-±-
~' √√±1±É√ , í' ±ø?√ 1%~Ú± CE-Ú±± ± ± , ° [9] èø-É√ , í1 %~ø1S -íUÀflj'ò√√±Ú Ú±È- fljÀÓ- CE-Ú±± ± ± , ° ±ÀÚfl≈í±
' ±1n¶ 'ÀÚ flj , ±?√' ... "ò√√ Ú±È- fljÀ-í±1 CE' ±À flj' √√±Ú-À1 flj'øÓ- Ó-± flj -í≈É√ ± ± , ° ¶¶öü-í± , ±?√M√±ÚÁ1 CE' 1%~flj
É√Ú ' ±ÚÀ-í±1 Ú±È- fljÀ1± 1%~flj Ó-±
flj -í≈É√ ± ± , ° 2.6 ^-í± , 1 Ú±È- flj , ~" √√ ?"ÚÓ-í± flj... - -Ú±G± -íÙè- "ò√√ , øg1 øðø¶± ± -í-í± ± "ò√√ flj' -ú flj ?"ÚÓ-
ø" √√%~±À-Ú CE fljÀ1±1 %~ø1Ó- -Úí-í± , ° Ó-±1 1±É√ , ^-í±Ó- flj' -ú ' ±1n¶ ?≈√Á' «±ÚÚ1 ~ ±É√Ó- -í±?√±Ú≈-í±?√
" √√ , ° ?≈√Á' «±ÒÀÚ ç flj' -ú flj -í±œ flj±1-í± CE flj±±±Ó- ç flj' -ú "ò√√ ø-í±1 ±-ÚÚ Ò±1 fljÀ1° CEÓ-øÓ- , ± Ó-Ó-1±øÜTM "ò√√
ç flj' -ú flj øÓ- fljÀ1 ' ±1n¶ flj' -ú flj ±òL fljÀ1° ±øðL1 øð , ±- í
i...Ó« " √√ , ° "ò√√ -í...±À , ±. CE||œ1° - flj|« ^-í±1 f - ± "ò√√±Ú Ú±È- flj -í...±À , ±. CEÚ Í-ò» , 'øøÜ flj±ç CE , "ò√√ Δ'
-ÚøGÓ- , flj' ± flj' -ú Ú " √√ , ° Ú±È- fljÓ- flj|«1?√±Ú œ' Ó-± -í«Ú± fljð1AA√ flj|« "ò√√ ' ... %~±ø' Ó- 1Ó-Ó- Í-òøí-
~X' ±S± fljÀ1° ±ÀÚÀÓ- ±É√Ú øð± flj' -ú -í± ¶œ -íÈ±píÀ Í-± , √√1 ø' -é-± fljÀ1° flj|« "ò√√ CEÓ-» flj ± "ò√√ .1n¶ ,
" √√±Ú-œ , CE , ±1± ±ø?√ ø?√-í± CE±±ÀÉ√ ø fljç -íÈ±píÀ ø , À-í±1?√±Ú ' -í-í0 ~ ±øðL " √√ , ° CE' - ¶Ó- flj|« "ò√√ flj-í±
fl≈iG' ø?√-í± CE±±É√±Ú-í±È±píÀ , cøÜ " √√ , ° -íÈ±píÀ?√±Ú Δ' CE' ±±±1 ø-ÚÀ√Ó- CE?√±±?√Ó- ±É√ÁÚ ' øMè√ ±-Ú±Ó-
flj|« flj ø?√Á' , ø" √√ flj|« "ò√√ " -í± , CE' "ò√√ ± "ò√√ Á√' Ú± fljð1 flj-í± %~ " √√1 fljð1 øÚÀ° ~ Ò... -í...±À , ±. -
± "ò√√±ÁÚ ± -
i...±À , ±. CE||œ1 Ú±È- flj± ± "ò√√ Ú±È- fljÓ- , ÀÈ-±± fljÀ%~ ~ ± flj1 øð±Ó- -À' -í±É√Ú1 -í±À-í± ±È-± -íÈ±píÀ1 ' í1± flj Øø1
øÚ , ± , ~ , ÀÓ- ~ Ò... -í±G± ^-í±œ 1 ~ ±±± ± ±
œ " √√ , ° " -í±œÀ' -íÈ±píÀ -í±S flj ±ø1 CEÓ-» flj Δ' ^-í±-í0 flj , ° ± "ò√√ Δ' ?≈√' "ò√√ ø-ÚÓ-± -í±S1 , - , ¶« " √√ , °
CE' - ¶Ó- ?≈√Á' , ± Δ' ø" √√øí- ±·¶±1 %~ø1 -í± , Ò-ø ø" √√øí- ±·¶±- ^-í±œ 1 , ~ ± , ~ Ú±È- flj1 "ò√√øøÓ- Ú-° Í-ò1n¶ ^-í±e -
± "ò√√±ÁÚ ± -í...±À , ±. CEÚ Í-ò» , 'øøÜ flj±ç Ó-±À flj Δ' -í±øGÓ- , flj' ± flj' -ú Ú " √√ , ° "ò√√ , ±1 ø-í±øø fljÓ- øÓ-øÚÉ√Ú
Δ , øÚ flj ^-í±œ ' ±1n¶ ?≈√Á' «±ÚÚ1 ~ ±É√Ó- ± :?√± ≈X -í«Ú± fljÀ1° ~ " ' ÇÓ- ± " √√Ó- ?≈√Á' «±ÒÀÚÁ1 -í±1 , ±é-±±
" √√ , ° Ó-±1 -í±Á√Ó- Ò-Ó-1±øÜTM øð' -íøÓ-À , ?≈√Á' «±ÒÚ flj %~±-í± " ±À' √√ø ø-ÚÀ√Ó- 'ú Ó± ± "ò√√ -í±G± flj
~ ±ø1?≈√É√' , flj 1É√± -í±øÓ- -í± -í±øÓ- ±± , ° ?≈√Á' «±ÚÚ1 ~ 'Ó≈-... " √√ , ° -í±=1±S - "ò√√ , ±Ó- øÓ-øÚÈ-±
' Ç' ±AA√ "ò√√ , ± flj±1 CE||œ1 Ú±È- flj± ?≈√Á' «±ÒÀÚ ±È-± : fljÀ1° :1 'òLÓ- ?≈√Á' «±ÒÀÚ CE^± flj ø flj-í±?√±Ú ø?
√' , ±1 øðøÓ-|n¶øÓ- ø?√Á' , ° CE^± ,
-
Ú±G± , flj' flj 'ò«1±É√... ø?√-í± flj' , ° -í±G± , flj' flj -í± %~ø1 ±øÓ-1 ø' -í±Ó-1Ó- ø-í± %~±ø1 ±øÚ ø?√-í± -í±ø1Á'
CEÓ-» Á' ± flj flj ø?√-í± -í±ø' ?≈√Á' «±ÒÀÚ flj' , ° CE , "ò√√?√
Á1 CE' ± çø" √√1 , ° Ó- CE' √√±± ± ≈XÓ- -í±G± , flj' ±1 ±R øð flj±' CE' √√±±±Ó- ?≈√Á' «±ÒÀÚ -í±G± flj 'ò«1±É√... ?√±Ú
fljÀ1 "ò√√ ~ " √√± ±-±1Ó-1 -í±1± -í±Ó flj , È-Ú± ± -í± %~ø1Ó- - "ò√√ ±Ú -í± %~ø1 Çœ' , ± Ú±È- flj± ^-í±-í± -í±≈1±ÍÓ-
øð±5 flj' -ú -í± ... flj± 1 , È-Ú± CE fljÓ-À-í±1Ó- Í-ò-ÚÈ√œ-í±... flj± ± "ò√√ Ú±È- flj±Ú 1ø%~ø1 Δ' √√AA√ 1' ' ÇÓ- flj' -ú
É√ij , 'À' ±?√±1 , 1Ó- -í± flj flj Δ' ± " √√± flj- , 1 CE' ± ± , ± -í± , øjZÓ-œ' , ' ÇÓ- CE?√±±± Δ' √√
AA√ 3' , ' ÇÓ- flj' -ú -í± ~ œ ± CE?√±±± Δ' √√AA√ 4Ó«' - fljÓ- flj ± œ' , ?√' Ú , 5' ' ÇÓ- %~±Ú≈1 ~ ±øøÜ fljÀ1 flj' -ú -
-í±1 ±1 ~ ±X , flj- , -í± , Í-òçøÀ , Ú1 -í±≈1±ø -À' -í± flj ±ø?√ , È-Ú± -í±ø«Ó- Δ' √√AA√ flj' -ú ± flj±Ú≈fljœÓ«-ÀÚÁ1 Ú±È- flj
CE' - ¶Δ' √√AA√'
ø' -À' -í± flj - "ò√√ Á√' , ' Ç1 Ú±È- flj± "ò√√' , ±1 fljÓ± -í± 1± ± ± , ì1 ø flj , ?√- ' 1± ± ± , ì1 ø flj øøg...± , ≈μ1 ' ±1n¶ ^-í±X
flj±G1 , È-Ú± "ò√√±1 Í-ò-ÚÈ√œ-í±... Ú±È- flj1 -í±ø' -í±01?√' ... , 2' , ' ÇÓ- " √√Ú≈ ±Ú1 , ±1 ~ , ¶, Ú ' ±1n¶ ^-í±ÇÓ-
, œÓ-±Á1 , ±é-±Ó-1 , È-Ú± ' ±AA√ 3' , - fljÓ- " √√Ú≈ ±Ú flj -í±œ fljÀ1° ø-í± -í±œ -í± flj ^-í±Ç±1-Ú1± -í±ø" √√øø±1 fljÀ1°
CEÓ-» 1± ±Ó- ' ì1 ~ , ° 4Ó«' ' ÇÓ- 1± ±1 ' Ç± øðÁ- , 5' ' ÇÓ- 1± ±Á1 , œÓ-±É√' , flj±1-í0 (CE%~øÚ± fljÀ1° 6á- - fljÓ-
1± ± flj 1±Á' -í± fljÀ1° CE , "ò√√ ' ÇÁÓ- 1± ±1 ø' -À' -í± flj " √√ , ° Ú±È- flj±Ú -í±œ11 , øð±Ú° "ò√√' , ±Ó- 1± ± flj ø-í± ≈Ú1
' Ó-±1 -í±ø' ... flj± Δ' √√AA√ øðøÓ- ± - "ò√√ , ±Ó- ' Çœ' , ± Ú±È- flj± "ò√√' , ±1 , È-Ú± ^-í± 1± ± ± , ì0- CE-Ú±±±
, œÓ-± " √√111 -í±1 ± ± -í± -í± , ° X , ±ø1Ó- 1' ' ÇÓ- 1± ±1 -í± -í± ~ ' Ú ' ±1n¶ 2' , ' ÇÓ- ?√' 1Ó1 ~ ' Ó≈-... -í±ø«Ó-
Δ' √√AA√ 3' , ' ÇÓ- ^-í±Ó-1 øðøÓ- ± ?√' «Ú CE?√±±± Δ' √√AA√ 4Ó«' - fljÓ- 1± ± ±1n¶ ^-í±Ó-1 ~ ±É√Ó- CE?√±±
, ±é-±± " √√ , ° 5' - fljÓ- Á√ΩÁ-í± œ , œÓ-± flj " √√1 fljÀ1° 6á- - flj1 ±ø?√ÁÓ- 1± ±1 ¶±± , ±Ó-Ó- È√È-± , ≈1 ~ ' Ó≈-...
" √√í ° ~ " - fljÓ- , œÓ-± flj 1± ±Á1 " √√1 flj±1 É√±øÚ ^-í±ÁÓ- 1± ±Á1 ≈X flj±1-í0 -í±...±-Ú flj' ±Á' , ±É√Ú fljÀ1° 7' - fljÓ-
1± ± flj -í± flj±1 ±Á' É√ij ¶±ÚÓ- Í-ò-ÚÈ√œÓ- Ó-± -í±ø' ~ ±Ó- , flj± ±Á1 Δ , ÁÓ' -í±Ó- Ó-± -í±ø' ±Á' √√' ±1n¶ " √√±Ú-Ó-
1± ±É√... ^-í±1 øðø...±-Ú« fljÀ1° ø± ±1 flj - "ò√√ Á√' , ' Çœ' , ±
Ú±È- flj± "ò√√ É√±Ú-Ó- flj1 , ±0≈1 -í±Ú1Ó- CE' -øÈ- flj±1 1ø%~ø1Ó- "ò√√' , ±Ó- 1É√± flj±øðLÀ' -í±É√1 fljÚ... ± ±1n¶
~ " √√±1±É√ CE , Åø-í11 -í±S ' ø-í± ±11 øð' , fljÓ± -í±ø«Ó- Δ' √√AA√'

ø-1 ±1Àflj æÈ-± √±0-œ1 flj-1 1 -Ù1± flæj1œæflj 1é-± fljÀ1
° Ó-±1 Ù- Ó- flæj1œæ 'ø-1 ±1flj1 œøð-Ó- -ÙÀ1° œÓ-»À ± flj1 œøð- œ-±-ÙÀÚ %ø-ø Ò±Àflj° 3 , 'ÇÓ- œÓ-»À ± flj1
œ-±-ÙÚ ø-~ , ° 5 ~ ÇÓ- ø-1 ~ √-ÙœøÏ-Ó- flæj1œæÀ , '±R ~ √-Ù...± fljø1-1-Ï Ì-0?√...Ó- ~ √ , ° ø-±1flj
Ì-0-ÙøøÏ-Ó- Δ ~ √ œÓ-»flj 1é-± fljÀ1° 6á- ÇÓ- flj± œ1 1±Évflæj ±À1 flæj1œæ1 -Ù±øÏ çð ~ √ fljø1-1-Ï '±À ~ √° ±ÀÚ
, ~ , ÀÓ- œ-Àø-1 1±ÀÈv 'ø-1 ±-Ù ~ MèV Δ ~ √ flæj1œæÀ ~ ±Évflj œ?√± fljÀ1° ±È-±À , 'ø-±1flj 1±òLÒ«±ÙÓ-
ø-1øøÏ-Ó- ~ √ , ° œÓ-øÓ- , ± œ?√-1ø-Π« Ú±1?√ Ì-0-ÙøøÏ-Ó- ~ √ , '±1nΠ 'ø-±1flj 1±Év-Ù±œ1œÀÓ- '±ÀÁv -1ø-
, fljÀ ± fljØ± flj , ° Ó-±1 -Ù±ÁvÓ- flæj1œæ ±1nΠ 'ø-±1flj 1ø-1 , ± ~ √ , °
ø-1ø-1-1, ±øÏ-1
Ú±È-±flj±Ù 'ø-1-Ù±-1ø-ø , ~ ±ø^Ó- ~ √ , ° -øðøÓ-:± œ-À-g1± , Ì - æ'øv√ %ø-±ø1 'Çœ , ± Ú±È-±flj±Ù -1' ~ √»fljØ±1
-Ù1Ó- œ-1øÈ-± fljø1 1ø%ø-Ó-ø-1 ~ ±À , Ì-0?√ , Ú
fljØ±flj Ì-0-ÙÉvœ-1... fljø1 -øðøÓ-:±À-À-g1± , Ì ±1nΠ øÏöü-1± , æ?√M√± 1%ø-Ù± fljÀ1° æ'øv√ Ú±È-±flj1 ~ ÇÓ- Ì-0?
√ , Ú ~ √±0-œø%ø-±flj±1Ï ~ ± , ° Ó-±ÀÓ- ø%ø-øòLÓ- Δ ~ √ ~ Lœœ œ-À-g1± , À 1Év±1 , ≈1é-±1 -1...æÏ± fljÀ1° ±ÀÚ
'æÏ±ÀÓ- 1Év±1 ±-1±œ , ± MèVÚ Δ , øÚÁflj ~ Lœœflj ÉvÚ±'øv√ œ-1-0?jijø , Úœ1 1Év± øðÀ?√...±Ó-1 Δ , øÚÁflj -1µœ fljø1
øÚÁÁv° œÓ-øÓ- , ± ~ LœœÉvÁÚ 1Év±flj Ì-0X±1 fljø1-1-Ï '±À , ±ÉvÚ fljÀ1° 2 , '-fljØ- 1Év± øðÀ?√...±Ó- ±1nΠ 1±œ
'e1±æÓ-œÀ , -1± , æ?√M√±1 ø-1 , ±1 ø-1-ΠÀ , '±À ±%ø-Ù±fljø1 Ò±Àflj±ÀÓ- MèVÚ ø-1-Π , ±'øv√ ÉvÚ±À 'ø-√ œ-
1Év± Ì-0?√ , Úflj -1µœ fljø1 'Ú± Δ ~ √ÁÁv° Ó-Ó-œ , 'ÇÓ- œ-À-g1± , À 1ø-1?√-Πflj -1 , òLÁflj Ì-0?√ , Úflj Ì-0X±11
~ Lal± fljÀ1° 4Ø« ÇÓ- Ì-0?√ , Ú ±1nΠ -1± , æ?√M√±'øv√ -1±æÓ-œ Ì-0?√ , Úflj 'Ú± , 1 fljø1-1-Ï œ-±±Ó- œ-À-g1± , À
Ó-±Ó- -1±Ø± ø?√-1-Ï Δ-1µœ ~ √ , ° ø-ÙÁvÓ- ~ √±À , ÁÚ Ì-0?√ , Ú -1± , æ?√M√±1 ø-1 ±1nΠ ~ øMèV øÏœflj±1
fljø1 ~ , '±1nΠ œ-À-g1± , Ìflj ~ fljø fljø1 ~ -e±1 ±ø%ø-1 , ij±Ú ÉvÚ± , ° æ'øv√ Ú±È-±flj flj Ú±È-±...flj±11 œ-1á- Ú±È-±flj
øÏöü-1± , æ?√M√±1 -Ù-1-1-ÙœÏflj± -1ø-1 -1-Ù±ø1 Ú±È-±flj±Ù -1œ1 1 , øðØ±Ú-1 øÏöü-1± , æ?√M√±1 - æ'øv√±Ù
~ ± , 1 œ-1á- Ú±È-±flj± 'øv√ Ì-0?√ , Ú fljØ± øðøÓ-:± œ-À-g1± , Ì 1-Ù1-1-Ùœ fljØ± Ì-0?√ , ÁÚ -1± , æ?√M√±1 ~ √11
fljø1 ±øÚ ø-1 , ± fljØ1À ~ ±1nΠ œÓ-»-1± , æ?√M√±1 øðøÓ- ± , MèV Δ ~ √ -Ùø1° œÓ-» 1±Évflj «À-1± øðøÓ-
'±fljÚœ , ± ~ √1° , ≈À ± -1øøÉv , ± òL 1Év± ±1nΠø1À , 1±Év...1 ±flj±- çð± , fljø1À° Ó-±Àflj œ?√ø± œ-À-g1± , À
1±Év... Ì-0X±11 -1±À-1 øðÀ , ±ÉvÚœ , -1...æÏ± çð ~ √ fljØ1À° œÓ-»-1± , æ?M√±1 , ~ Ó-Ú '±?√± , fljø1 ~ Ò1 1±ÉvfljÚ...
±flj Ì-0?√ , ÚÏ ø-1 , ± flj1±'øv√ ~ Ò1 , ~ √± , Ó- 1±Év...1 ~ √-1' = ÀÈ-± Ì-0X±11 '±%ø-øÚ 'iÀ° æ'øv√ ±%ø-øÚ
flj± «fljø1 fljø1-1-Ï œ-±±± -Ù?√Áé-1-Ù œ-±±± fljØ±1 œ-1øÈ-ÀÓ- Ú±È-±flj øðøÓ- Δ ~ √ÁÁv° Ú±È-±flj 1 ~ ÇÓ- -
Ùø1-1É±Évflj1 œ-1-Ó- œ-À-g1± ,
Ì ±1nΠ ±æøðLflj±1 œ-1-Ó- -1± , æ?√M√±1'øv√ ±-1±flj1-Ù1± Δ ~ Ò1 1±Év...~ √1 %ø-1Ó- Òflj± Ó-À-Ù±-1-ÙÓ-
Ì-0-ÙøøÏ-Ó- ~ √ , ° ±Ú ~ √±ÀÓ- 1±Évflæj ±1œ -ÙΩ±æÓ-œÀ , ø-1œ ±1nΠ ±Ú œ-±flj1 Δ , ÀÓ- Ó-À-Ù±-1-ÙÓ-
Ïflj± 1±Év ±Ó-±flj œ?√± fljø1-1-Ï '±À ~ √° 1±Évflæj ±1œÀ , øðØ±œœ flj flj flj±flj øflj ±À ~ ±ø-1-1-Ï '±3√±Ú
ÉvÁÚ±±Ó- -Ùø1-1É±Évflj1 œ-1-Ó- Òflj± œ-À-g1± , À 1œÓ-»1 %ø-1Ï Δ-1øÉv1 -ÙœÀ , flj -
1øø-1-Ùø1%ø-1 , ø?√ ±æøðLflj± œ-1ø-1± , æ?√M√±1 flj Ú...± , 1-À-Ù øfljÀ±vø?√Ú 1±ø±-1-Ï 'Ú±À1± Ò fljø1À°
-ÙΩ±æÓ-œ
œÓ-»1 fljØ±Ó- , ijÓ- ~ √1° ±ÀÚÁÓ- ±-1±flj1 -Ù1± MèVÚ -1Èp%ø-±1œ Ó-±Ó- » ± ø'√° œÓ-» fljÀ œ-
œ-À-g1± , Ì ±1nΠ -1± , æ?√M√±1'øçü?√*± Δ ~ √ ~ Ò-1... -11 flj1±Ó- Ì-0?√ , Ú œ-±flj±Ó-1 Δ ~ √ -Ùø1ÁÁv° 2 , '-
fljÓ- -1-ÙΩ±æÓ-œÀ , -fljµ±flj œ±ø Òflj± , ~ , Ó- MèVÚœ œ%ø-È-œÀ , ÉvÚ±À 'ø-√ œ-1-0?√ , Ú ±1nΠ
-ÙΩ±æÓ-œ1 ø-1 , ±1 -1±À-1øÏ Δ ~ √ÁÁv° Ó-±Àflj qøÚ -1± , æ?√M√±1 ~ Ò-1-òLjZæiZ Ì-0-ÙøøÏ-Ó- ~ √1° Ó-Ó-œ ,
'ÇÓ- -ÙΩ±æÓ-œ1 ø-1 , ±1 ±À , ±ÉvÚ ~ √ , ° ~ √±1±œ1 'øv√26v±Ú± , ø1 -1± , æ?√M√±1'øv√ ø-1 , ±1 e ~ ± ±
±ø-1-œ , ± ~ √1° -1øøÓ-1 ø-1 ~ √-1øø , ~ ±Ú -1± , æ?√M√±1'øv√ œ , 'øv√ flj± øÚ , ±ø1Ïflj fljø1À°
%ø-1ø-1-0« ÇÓ- Ì-0-Ù-1-ÙÓ- ø-1%ø-11 flj1± , ~ , ÀÓ- -ÙΩ±æÓ-œÀ , -ÙøÓ- Ì-0?√ , Ú œÓ-øÓ- , ± -1± , æ?√M√±1-Ó-
'± , MèV± -1øø Év±øÚ-1-Ù±ø1À° -Ù± ~ ÇÓ- Ó-±1 Ù-Ó- œÓ-»1 ~ 1 ø-1-Π± , ° œ-À , œÓ-»1 -1±À-1
, ~ ^ . ~ √-1...± øðøÓ- fljø1 ± √±ÀÓ- ±æøðLflj±flj ±1nΠ ±Ú ~ √±ÀÓ- 1Év±flj -ÙΩ±æÓ-œ1 , ≈±1 fljØ± ÉvÁÚ±±
~ √ , ° œ-Ù±ÚÁÓ- 1Év±'øv√ Δ-1-0MèV ~ ...±Ó- q'øv√ -ÙΩ±æÓ-œÏ 'À-Ùé-± fljÀ1° ±ÀÚÁÓ- -1± , æ?√M√±1'øv√
-Ùø1øøÏ-Ó- -1øøÉv 1Év±1 øðüü1 Ì-0M√1 ø?√À , ° 1Év±1 ~ √±0-Ó-ø-øø ø?√ -1± , æ?√M√±1'øv√ > ±'øv√ œ-±±Ó-1
Év±'øv√ , ±1 -Ù±'øv√ -1± , æ?√M√±1 flj ø-1%ø-±À1° ±ÀÚÁÓ- -1 , òLflj ±ø ~ √ > ±'øv√ 1Év±1 w [Σ] ±'Ó-1±-1-Ï ~ P fljÀ1°
5 ~
Ç1 œ-1-√Ï 1±ÀÈv...±X±11 -1±À-1 1Év± Ì-0?√ , Úflj , À%ø-1-Ï ~ √1-1-Ï œflj±± ~ √ , ° Ó-±1 -Ù±ÁvÓ- 1±Év... Ì-0X±1
œ-1-√±± -1-1± ±ÉvÚ± ± , ° 6á- ÇÓ- Ì-0?jijø , Úœ1-Ù1± ~ √± œ%ø-È-œœ flj±≈fljœ1 , ≈±
ÀÓ- -Ùø1-1É±Évflj œ-1-œ œ-À-g1± , À 1±
Év , ^ -±Ó- Ì-0-ÙøøÏ-Ó- Δ ~ √ -ÙΩ±æÓ-œ1 -Ù1± Ú...± , 1-±-Ù± ±-1øøðLflj±flj , 1±'øv√ -Ù±-1 ø-1%ø-±À1° Ó-±ÀÓ-
, fljÀ ±1 ~ √ , ... œ-1-?√ ~ √ , ° Ì-0?√ , Ú ±1nΠ -1± , æ?√M√±1 -Ù±øø ~ « Ú ~ √ , ° Ú±È-±flj±Ù ~ ± , 1 fljØ± -1-
Ì-0-ÙøøÏ-Ó- -ÙÚ1 œfljÀ ~ øð?√ «Ú fljÀ1° 1 ~ , 5 , 6á- Ç œflj 'øv√É-± Ú±È-±fljœ , flj ±-œfljÀ ~ %ø-1 fljøð?√
Ú±È-±fljÓ-1 , ~ -flj±1 , Ávµ ±ø?√1 , ≈-Π -1...æ'øv√ ±1 %ø-1œ±Ó- -ÙÀ1° %ø-±1nΠ?√M√± - æ'øv√ Ú±È-±flj±ÙÁflj ^ -1 , 1
'øðL 1%ø-Ù± -1øø œflj±± ~ √ , ° 'øv√ , ±Ó- %ø-±ø1

~≈øÚ1 '±|~1 -Ú1± ±Ê√Úœ Ó-Úø¶¶ÚœÀ°, ±Ê√Ú 'í1± Δ 1Ê√±1 >%-1Ó-Í-Úø¶¶öÓ- "√", ° CE, "ø√√ 'í1±ÀÈ-± ±øÁ√
'±', ≈, Í-Ú-Ú« œ1 -Ú≈S° ±-Ú~≈Mê√ CE "√√±±1 ^-", Ó-Í-Ú-Ú« œÀ°, 'í1±ÀÈ-±flij %...°Ú ~≈øÚ1 '±|~Ó-ΔÔøÁ√°
-Ú≈S1 ~≈±?√' «Ú CE "√√±±1 ^-À· ~À· 1Ê√±1 -Ú1± ø-ÚÀ26√?√ CE "√√±±1 ^-", Ó-Í-Ú-Ú« œ ø·, ~±Ú "√√" ° Í-Ú-Ú« œ1
ø-ÚÀ26√?√Ó-1Ê√± "ø√√ -Ú±Úøø¶ö '°· ¶Ú flijø1-ÚÖ ~Ú¶ö flijø1À° ° ±ÁÚfl±± ± '°¶ö±ÀÓ- "ø√√fÁ ±flij -Ú1± Ú±1?√ ~øÚ
'±À "√√" ° ±ø "√√ -Ú≈1nΠ1-Ú±flij CE?√±-?√±Ú± ≈X1, -Ú±?√ø?√À", ° CE, "ø√√ ~≈XÓ-Ú≈1nΠ1-Ú± "ø√√ CE?
√±Ó-±, flij flij, "√√±", flijø1-Ú ±ø-Ú-Ú≈ø Ú±1À?√ flijÀ° ° ~ÀÓ-± "ø√√ÀÈ-± q^", -Ú±À?√±ø?√À CE "ø√√flij
-Ú≈1nΠ1-Ú± "ø√√ ~≈XÓ-, "√√±", flij1±1 ø-ÚøÚ", Ó- ±°7ijjœ±Ú Í-Ú-Ú« œ1 ~Ó- flij± flijÈ-±-Ú±ø1-Ú± ± "ø√√, -Ú±?
√Ó-1Ê√± '±1nΠ Í-Ú-Ú« œ, c@Ü "√√" ° "ø√√f" ø√√ ±, ≈, flij ~±±1Ê√ -Ú?√Ó-øÖá- flijø1À° ° Ê√œ±Ú1 -Ú±flijœÀÀ√±±
-Ú≈1nΠ1-Ú± "ø√√, ≈±· ¶¶±26√...1 ~±Ê√Ó- flijÈ-±À° ° Ú±È-flijœ", -ø-Ú±Úñ èø-ÚSèÀ ±-Ú« œ, í flij±ø?√±, 1
-Ú± "%-È-±?Ç1 CES±È-flij CES±È-flij ·Ú± Í-Ú-Ú1+Úflij1 øðÀ -?√Ó- çðLö, ~"√√Ó- CE-Ú±± ± ±", ° -Ú≈1nΠ1-Ú±1
'±1nΠ Í-Ú-Ú« œ1 ±±...±Ú ÿ-ÀÇ?√, ~"√√± -±1Ó-, ø-Ú ~≈Ú-Ú≈1±, -ÚΩ-Ú≈1±, ~», ...-Ú≈1±, ^-±·°Ó- ±1nΠ
flijÓ±, ø1», ±1 ±ø?√'ÁÚflij çðLöÓ- CE-Ú±± ± ±", ° øflij ^-±-Ú, ^-±~Π±, Δ ~œ, 1, Á ±Ê√Ú± ±1nΠ Ú±È-flijœ",
øðøSè, ± ±ø?√1?√ø@ÜÀflij±1-Ú1± flij±ø?√±À, "ø√√", ±flij Ú-ÚœÚ 1+ÚÓ-Í-Ú-Ú¶ö±ø-ÚÓ- flijø1ÀÀ√°
ø-ÚSèÀ ±-Ú« œ, Ó- ^-1Ó- ~≈øÚ1 ±-Ú, flij±øÓ-Àflij, 1 øÚ, ~, Í-Ú-Ú« œ ~Ó-±1+ÚÓ- -Úø1Ó- CE "√√±± ±1nΠ
-Ú≈1nΠ1-Ú±1 øð ±-Ú ±ø?√ flij±ø?√±, 1 ¶¶Ó-La flijäÚ± øð, "Ó-ø flijøäÓ-Ú-Ú-Ú±À-Ú±È-flij1 flijÓ±-Ú-Ú-Ú
øð ^-±À-Ú±»-Ú±?√flijÓ-± CE?√±± ± ±", ° Ú±È-flijÓ- ~-±11, Ày±: ±1nΠ ø-Úøð y1, ≈μ1 ø%-ÚSì ?√±ø, √√ Òø1ÀÀ√° ° ø?√
"ø√√", ±1 ^-±~Π±, ± Ú"√√", Ó-Ú±ø-Ú Í-Ú, ±Ó- CE, Áá-°Ó-± -Úø1 øé-Ó-° , 1nΠ, 1nΠ Á√μ1 øðÀ, ±À· "ø√√", ±flij
1nΠø%-Ú-Ú"Í« flijø1 Ó-Ú-ø ÀÀ√° flij±ø?√±À, ø-Úø @Ü -Ú«Ú±%-Ú±Ó≈-1œ øð?√ «Ú flijø1À » Ú±È-flijœ", -ø-Ú±Ú1
?√ø@ÜÀflij±1-Ú1± "ø√√ "ø√√ Í-Ú»flij@Ü Ú"√√", ° ±À· ... "ø√√", ±1 flijø-Ú-Q-flijäÚ± Í-Ú2%-øð¶11° øflij Ú±È-flijœ",
øSè, ± œ Ó-±Ó-ø øð ° ø-ÚSèÀ ±-Ú« œ, Ú±È-flij1 Ú±, flij -Ú≈1nΠ1-Ú± Δ "√√ ÒœÀ1±?√M√√° ±" -Úœ1, ø-Ú...
±Ó-, ~"√√+?√", ±1nΠ é~Ó-± ± œ° CEflij±ÁÚ± CEflij±ÁÚ± CEé-SÓ-èø-±:±Ú- fl±jðL ~fí1 Ú±, flij ?≈√Π...
ðLÓ-ÖflijÀ, ± CE|á-Q ± ^- flijø1ÀÀ√° ?≈√Π...ðL øðÖ 1Ê√±, ø-Ú%-Ó- CEøð œ° CEÓ-»1 %-fl±jÓ- 1±Ê√flij± « øðÖ",
ø-Ú%-Ó-À "√√ øð", ° ¶gœ, flij±ø øflij -Ú≈1nΠ1-Ú± øðÖ CEøð œ, Ó-±1 ø-Ú%-Ó-À "√√ 1Ê√±° CE, "ø√√
CE "√√Ó≈-Àflij CEÓ-»" -Úø?√Ú Òø1 1±Ê√Ó±Úœ1-Ú1± ±"Ó-1Ó- ±øÁ√° ° Í-Ú-Ú« œ Ú±È-flij1 Ú±ø, flij±ø ±" ±øÁ√
1+Ú±°Ó-œ ±1nΠ ø±Ó-œ° CE?√±œ ±1nΠ ~±Ú±œ øð-ÚøM√√1, -ø"Í" ±1 ±Ó-ø-Ú?√... ~±Ú° 1Ê√± "ø√√ ±" flij Í-Ú-Úflij±1
flij±1 øðøÓ-?√±Ú ¶¶1+À-Ú CEøð øÚÀ-Ú?√Ú flijÀ1° 1Ê√±1 øðøÓ- Öflij± ^-œ1 CEøð 1 -Ú±À-Ú ±" øÚÊ√1 Ú±Ê√±Ó-
ø qÁflij± ±"Ó-1Ó- 1±ø±øÁ√° ° ±" flij, -Ú«?√± Í-Ú2%-fl±j -Ú≈ 1+ÚÓ- CE?√±± ± ±", ° "ø√√", ±1 -Ú±ø "√√À1> flijø-ÚÀ",
fi œÚ1œ, flij≈flijœ, øÚ-Ú≈øflij± ±1nΠ ø-Ú?"√Πflij1 %-ø1S ø%-ÚSì flijø1ÀÀ√° øflij ± "ø√√À-Ú±1 %-ø1S ø, ~±Ú
øð ^-±± ± œ ±1nΠ, ± Ú"√√", ° ø-Ú?"√Πflij1 %-ø1S ±1nΠ ø%-flij1°

fi'ceU1ce1%o-ø1S1 ø-riÀ' ΠQ "øvV', ±ÀÓ- CE' øÚÊv1, ≈± CEÚø%ø- ¶ø± ~øe1, ≈±1 -riÀ-ri-ø-ri«' ce1' .Ó- ø ~Ú1
'Ú≈' øÓ- ø?VÀ' ° CE, À' , Í-ø-ri«' ceÓ-Øflj' <' ceU1ce1%o-ø1S1 ~"√VQ' øÓ- CE-riøÁv° 3° ø' -ri: ±Ú' fl≈jòL' ~fñ ø' øvV
Ú±Ê-ri±Ú1 øðØ' 'ÇÓ- "√Vøð¶Ú±-ri≈11 1Êv± ?≈√' Π...òL' "øvV' ~' .', ± fljø1 flj• ~øÚ1 '±|' Ó- øðÁ° fljÀ1° flj• '1' ±|' 1 Í-ø?
√...±ÚÓ- 1Êv± "øvV øðØ' , ø?√± '±1nΠ' 'Ú, " , ±1' .Ó- ' fl≈jòL' ±flj CE?√± -ri± , ° "√VÍ-riÀÓ- øÊ-ri CE' -ri±À' ±1± ' ±ø' √V
' fl≈jòL' ±1%ø-ri±ø1-riÀÚ Í-øø1 Ú≈-ø1-ri ÀÁ1° CE' -ri±À' ±1±1' ^' -ri, .Ó- -ri-øeÓ- Δ' √V' fl≈jòL' ±' "øvV' 1é-ri± flj1± -ri≈ø'
' ±Ó«-ri±?√ fljø1-riØ' Ò1±Ó- ?≈√' Π...òL' .Áv1' ±' 11-riÚ1± > ±' "øvV' ±ø' √V CE' -ri±À' ±1±ÀÊ-ri± CE±ø?√ -riÚ-ri± , ° øðØ' ?
√' «ÚÁÓ- ?≈√' Π...òL1 øðØÓ- ' fl≈jòL' ±' ±fljø' Π«Ó- "√V' , ° ?≈√' Π...òL' "øvV' , ±øeÀ' , flj , flj' 1-riÚ1±' ~ -riÚ±À' CE' 'øÚμ...
, ≈μ1ce' fl≈jòL' ± , ø-riú' ø' S' ±1nΠ CE' Úflj±1À' √V ?≈√ø' √VÓ-ri± flj• ~øÚ1 Ú' √V' , ° fl≈jòL' ±1 -riÚø1%ø-ri , CE-riÚ±±1
ø-riÚø-riÓ- 1Êv±À1± ~Ú CEÓ-ri>1 øðØÓ- ' ±fl' jøÚ' "√V' , ° øjZÓ-øe' , 'ÇÓ- ?≈√' Π...òL' "øvV' -riø≈ ø-ri?√' Πflj1' ±.Ó- CEøð' 1
flj±ø' √VÚce ø-riø¶' Ó- -ri±À° -ri«Ú± fljÀ1° øÍ-flj CE , "øvV' , ~ , ÀÓ- 1Êv±1 , ij±øÓ- ?≈√Ê-ri± , ~ , ...± "øvV CE?√± ø?VÀ' , °
Ó-riÚø¶øe, fljÀ' CEÓ-ri>flj øfljÀ≈√ø?√Ú' ±|' Ó- Ò±øflj : Í-ø»-riÚceÍ-ri Úflj±1ce 1±é-ri , flj flj øÚØÚ fljø1-riØ' 'Ú≈À1±Ø
fljø1À' ° ±Úø-riÀÚ "øvVfðø¶ö1-riÚ1± -ri±1ce -ri, ≈ Ó-øe1' ±À?√' ±øÁV' CEÓ-ri>Í-ø-riÚ-ri± , -riÚ±1±' , Í-riø» , °Ó-
Í-ø-riÚø¶ö1-riÚ±øflj-ri ±À' ° ?≈√' Π...òL 1±ÊvØ±ÚceÖ' Í-ø' -riøÊ-ri Ú-ri' ° CEÓ-ri>1 -riÚø1±ÀÓ«-ri Í-ø» , °Ó-ri Í-ø-riÚø¶ö1-riÚ±
Ø±øflj-riØ' ø-ri?√' Πfljflj -riÚ-ri± "øvV ø?VÀ' , ° ø-ri?√' Πfljflj ±ÀÓ-ri 1±1ce -ri, ≈ Ó-ri±1ce1' ±.Ó- CEÓ-ri>1 CEøð' 1
flj±ø' √VÚce -ri...MèV ÚfljÀ1, Ó-ri±1 -ri±À-ri CEÓ-ri> ^' -ri±ø-riø%ø-øòL ø-ri?√' Πfljflj CEøð' 1 flj±ø' √VÚceÀÊ-ri± CEØ' ±' ce fljø1
CEflj±±± -ri≈ø' À' √V fljÀ' ° Ó-riÓ-øe' , 'ÇÓ- ?≈√' Π...òL' "øvV' fl≈jòL' ±1 flj± ±±¶ö± ~flj± "øvV øÚ1ceé-ri fljø1ÀÁv°
' fl≈jòL' ±' "øvV ø-ri1' √V1 CE-ri>√Ú±Ó-ri Í-øM√V5 Δ' √V -riÚ≈√' 1 -riÚ±Ó-riÓ-ø%ø-øí-ø' À±ø CE' ΠÓ-ri>≈VÀ' , ± .g-ri«
øðØ±' ÀÓ- øð' , -riÚ±' Ó-ri ±±X' √V' , ° %ø-riÓ≈-riÓ' 'ÇÓ- 1Êv± "øvV 1±Êvflj±' «-ri' Ó-ri- øÚÊv-riÚ≈1ceÖ' øðØ-ri...±' ~Ú fljÀ1°
CE' ±±±1 , ~ , Ó-ri ø-ri1' √V-ri...øØÓ-ri' fl≈jòL' ±flj ¶Ú' øÓ-ø%ø-ri è ¶ø1±À-riÚ øÚÊv1' ±, ≈√VøÍ-riÀÊ-ri± ø?√ ø' "øvV?√À1' ±ú
' ±, ø?VÀ' ñ i CE' ±1 Ú±' Ó-ri ø' ~±Ú' ±±1' ±ÀÁV ø , ~±Úø?√Ú1 ~"1Ó-ri ~"øvV CEÓ-ri± ±flj Δ' ±' ±' ø flj± ?≈√' Π...òL' "øvV fljØ±
~ÀÓ-ri flj± ~Úfljø1À' ° ?≈√' Π...òL1 ø%ø-riòL±Ó-ri' fl≈jòL' ±' "øvV Ó-ri-j' , Δ' √V Ò±Àflj° øÁÚÁÓ-ri ?≈√-ri«± , ± ~øÚ' fl≈jòL' ±1
>%ø-ri1Ø' ±ø' √V ø' -rié-ri± ~±À' ° ø%ø-riòL±Ó-ri Ó-ri-j' , Δ' √V Òflj± CE' √VÓ≈-ri' fl≈jòL' ±' "øvV ?≈√-ri«± , ±1' ±øÓ-ri...1 ø-riÚÁÚ
~Ú-flj±i ø?√-ri CEÚ±±±ø1À' ° ?≈√-ri«± , ±' "øvV CESe±Ø±ø¶ö1-ri Δ' √V' fl≈jòL' ±flj ø' "øvV?√À1' ø' -ri ±-riÚ ø?VÀ' ñ i' ±1
ø%ø-riòL±Ó-ri Ó-ri-j' , Δ' √V Ó-ri "øvV' øÓ-øØflj -riÚ ±Ú fljø1ÁV, CEÓ-ri> CEÓ-ri±flj ^' ≈ø' ±-riøi?≈√-ri«± , ±1 ø' "øvV' ø' -ri ±-riÚ
qøÚ' Ú , ~ , ± ±1nΠ øðØ' , ø?√± "øvV CE?√Àø1' ±ø' √V ~øÚ1 >%ø-ri1Ó-ri é-ri± ø' -rié-ri± ~±ø' À' ° ~øÚÁ' , CEÓ-ri>À' ±flj1
flj±fl≈jòÓ-ri-ø' ÚøÓ-ri ø1±-ri CEÚ±±±ø1 fljÀ' ñ i' ø' -ri: ±Ú CE?√ø± 1Êv± "øvV' fl≈jòL' ±flj ø%ø-riøÚ -riÚ±-riøi flj• ~øÚÁ' ,
CE , ±' Ó-riøeÓ«1 -riÚ1± øðØ-ri...±' ~Ú fljø1' ±|' Ó-ri' fl≈jòL' ±1 .g-ri«-ø-ri-ri±' √V1 fljØ± qøÚÁ' ° ~øÚÁ' , ' fl≈jòL' ±flj ¶ø± ~øe1
' : "√VØ' -riÚ-ri± "øvV ø?√-riØ' CE' ±-Êv± fljø1À' ° fl≈jòL' ±1 ø-ri?√± , 1 , ~ , Ó-ri Ó-riÀ-riÚ±-riÚ1 Êvce³-Êv, %ø-ri1± "øvV-
ø%ø-riø1fljøÓ-ri, .Áv-ÁvøÚ' ±Ê-ri±À' , CE' ±flj
Ó-riø' , ~±Ú' √V' ° fl≈jòL' ±' "øvV ø%ø-ri1- , "√V%ø-ri1ce, flj flj øø1 ΔØ CE' ±flj±fl≈j' "√V±?VÀ' , Á1' ±|' Ó-ri...±' fljø1À' °
-riÚ≈' 'ÇÓ-ri CE.ÀÓ-ri~øe, ±e«1-ri' ±1nΠ' ±1jZÁÓ-ri' fl≈jòL' ±flj Δ' ?≈√' Π...òL1 1±Êv?√1-ri±1Ó-ri Í-ø-riÚø¶ö1-riÚ± "√V' , ° øflj± ?
≈√' «-ri±...1

øfli -Ûø1"√±,º -u±È-ÀÓ- flj1-ru±Ó- fl≈jòL ±1 "√±Ó-1 '±,≈√± 1-Û1± ¶úøÓ-ø%- è ¶§1+-Û ?≈√ ±...òL"ø√ ø?
√' ± ±,≈√±øÍ-ÀÈ-± > ±"ø√ -ÛÀ1º Ò±, ~, Ó- fl≈jòL ±1 ±È√?√1-ru±1Ó- Í-0-Ûø¶Ó- "√±º øfliç 1È√±"ø√ ±øÓ-→"fliç
øðÓ-...±±...±Û flj1Àº ø fl≈jòL ±"ø√ ø%-Û ¶§1+À-Û ±,≈√±øÍ-ÀÈ-± Í-0ø" ±"ø√ ø?√-ø-ø%-±ø1Àº ø fljç ±
≈√±øÍ-ÀÈ-± "√±Ó-Ó- ÆÛ-Û±"ø√ fl≈jòL ±"«-±:í"Û±?√Ó-± fl≈jòL ±fliç Ó-±ÀÓ-±ø1 ΔÓ ±"±-±,æ, flj
¶§-¶ø±ÛÖ øð¶ø±Û flj1Àº ø Ó-±1 ø-Û%-Ó- Æfli±ÀÛ± Δ?√ª- øMèVÀ" fl≈jòL ±fliç ±fliç ±1 ø-ÛÀÛ Í-0±"ø√ Δ
±"º,º -±±-±ÇÓ-±È√Û ±±V"1øe", ±"ø√ 1È√±1 Û±"øÇÓ-±,≈√±øÍ-±È-± Æ-ø%-Ö ÒÀ1±ÀÓ- Ò1± -ÛÀ1º ±
≈√±øÍ-ÀÈ-±1 Δ, ÀÓ- ~±V"1øe", ±fliç 1È√±1 %-ø-1Ö"Û±"√",º ±,≈√±øÍ-ÀÈ-± Æ?√±±1"À"À 1È√±1"Ó-ø-1, ~çø
È-Û± %-ø-Sè ¶úøÓ-ÛÈ-Ó- ±±"ø"√ Í-0ÀÍ-ø" fl≈jòL ±1 øðøÓ- flj1± ø-ø%-±11 -u±À-1 1È√±1 ~Û"Û±ø-5"√",º 5"
'ÇÓ-1È√±"ø√ øfliç ±ÀÛø"Û± ±1 Δ?√Ó-...fliç -Û1±"Ó- flj1ø1"ø√ ±± ±fliç ±1 ±Û øðÓ-...±"Û flj1Àº -u±È-ÀÓ- g ±?√Û
-Û-ø-Ó-Ó- ~1øø%-1?√"Û ± ±-1'ÀÖ"±"Ó- øðÀª" flj1Àº ±"Ó- -Û±S"1Ó- ±1n¶ øðø", ± -ÛPøe fl≈jòL ±1
"Ó-1È√±1, ±é-±"√",º ø-ÛÀV"1øeø%-1 ±"ø-ø±?√ ±"±-± flj1ø1?≈√ ±...òL"ø√ -Û±S-ÛPøe, ~øÍÀÓ-
1±È√Û±Ûøe"Í-0-ø-Ó- ±À"√± Û±È-±fliç flj1±-±id1 Í-0ø", ñ ~√± ±-±1Ó-1 fl≈jòL ± Í-0-Û±±...±Û -Û1Ó- flj1ø±?
√±, 1 è"ø-±:±Û fl≈jòL ±"±Û±ø1Ó-ø-ø" -uÓ- -ÛøGÀÓ- ~Ó- Æ-Û± ±"¶ flj1Àº ø flj1±±Û ±Û ~ÀÓ- è-ÛÛ-Û±1±1
fl≈jòL ±1 Í-0-Û±±...±Û ± øð ±± -Ûø1ÀÀVº øfliç è-ÛÛ -Û±1±1 fl≈jòL ± Í-0-Û±±...±Û flj1ø±?√±, 1 øð ±± flj1ø±?
√±, 1 -u±1Ó- -Û1±ÀÈ-±, yª Û"√",º -u- è-ÛÛ-Û±1±1 çøLøfli±À1 è fl≈jòL ±1'ÀÛ flj1± -ÛÛ -Û±1±1Ó- , -À ±
fliç1ÀÀVº øfliç ~√± ±-±1Ó-1 fl≈jòL ± Í-0-Û±±...±Û flj1ø±?√±, 1 -Û"ø1º ±ÀÓ-Àfliç Ó-±1 øð ±± flj1ø±?√±, 1 -u±1Ó-
-Û1±ÀÈ-± ±Àfliç ±"¶± ±-±ø±fliç Û"√",º øfliç ?≈VÀ", ±È-1 flj1±Û±Û ±"ø1È√±"ø√ %-±À"Æ?√± ± ±, è"ø-±:±Û
fl≈jòL ±Ó-í ø flj1±-±ø"Ó- ±ÀÀV, ~√± ±-±1Ó-Ó- Ó-±fliç Æ-Û±± Û± ±",º ~√± ±-±1Ó-Ó- fl≈jòL ±1
-Û±S"ø√ ±V", -u±1Ó- ±ø1ø?√", ±1 ø-Û%-Ó-À"√ fl≈jòL ± -ÛøÓ-."√Ö" ±",º øfliç flj1±ø?√±, 1 Û±È-±fliç Ó-
-Û±SÈ√j1 ±'ÀÓ- "ø√ fl≈jòL ± -ÛøÓ-."√Ö" ~Û flj1Àº ~√± ±-±1Ó-Ó- ?≈√ ±...òL"ø√ ±fliç -Û-±±?√1"±, Ó-
fl≈jòL ±1"Ó- ±g-ø"ø-ø-±"√Ó- Æ, ± ±-±"¶ §øe flj1± flj1Àº Δ?√ª-±±øe Æ"√±±±Ó-À"√ ±øÓ-→" fl≈jòL ±fliç ±g-ø-
ø-ø-±"√ flj1±",º øfliç flj1±ø?√±, ±≈VÀ", ±Àfliç ±g-ø-ø-ø-±"√Ó- ±-ø X Æ"√±±± Æ?√±±±"ø√"ø√", ±1
-u±ø"√À1? ≈√ ±-±, ±1 ø"±-±Û, ±,≈√±øÍ-øð±ø5 ±øø?√ flj1ø±?√±, 1 ¶§fliç, flj1±±? ≈√ ±...òL flj1 flj1 - flj1
flj1ø± ~±1-Û1± ±≈MèV 1±±1 Í-0ÀVÀ" ...À"√ flj1ø±?√±, ±, ±"ø√À-±1, È-Û± Û±È-±fliç Ó-±1±1± flj1ø1ÀÀVº Û±È-±fliç", ,
-ø-ø±Û±Û Û±È-±... ±¶afli±1 ±-1Ó- ~øÛ1"ÀÓ- Û±È-±fliç Ó- ±øfliç ±"øe", ± ±È-±"ø√À-±1 ø1 fl≈jòL ±
Û±È-±fliç Ó-ø-ø?√... ±Û± Û±È-±fliç1 ~" flj1ø±"√Ûøe Δ"√ÀÀVñ ≈√ ±...òL ±1n¶ fl≈jòL ±1 Æøð" flj1ø±"√Ûøeº
È-Û±1 < flj1... Û±È-±fliç ±ÛÓ-ø-ø?√... ±Û± Û±È-±fliç1 ~" - flj1ø±"√Ûøe, ≈%-±1
n¶1+À-Û ±-±"± ±"ø√ øÛ", ±Ó- flj1ø±fliç ±g-ø-ø-ø-±"√", ø"±-±Û, ±,≈√±øÍ-±"±1 ±øø?√ øðøÓ-flj1", È-Û±"ø√
"ÀÖøÛ", "√±", flj1ø1ÀÀVº Í-0MèV, È-Û±À-±1 flj1ø±1 flj1±±-øð, "Ó- ±1n¶ Æ, "ø√À-±1À Û±È-±fliç ±Û Æ, Àª-ø-±
-u±X flj1ø1ÀÀVº, È-Û±1, ±Ó-øðøÓ-±Ó-1?±øøÛÀfliç ±1-Û1± ø-ø%-±1 flj1ø1 %-±À"Æ?√± ± ±, Æ-±-ÛÛ-ø-ø-±"√,
fliç"1"±, Ó-?≈√ ±...òL1 ±"± -Ûø1Ó-...±, ±≈√ ±-±, ±1 ø"±-±Û ±øø?√, È-Û±"ø√ flj1±-±id1 øÓ-ÛÛ-ÛÛ-ÀÖøÛ
, øøÛ flj1ø1ÀÀVº Æ-±-ÛÛøe", ±g-ø"ø-ø-±"√ fl≈jòL ± ±1n¶ ?≈√ ±...òL1"ÛÓ- ±-øe1"±, ±1n¶ ø%-òL±, ±±1
flj1Àº 1±È√±?√1-ru±1Ó- fl≈jòL ±1 øðÓ-...±±Û ±1n¶ Æ-ÀÓ-øe1 jZ±±1 1È√±fliç ±"±±, Û± ±øø?VÀ", Æ, "ø√ ±"±1n¶
ø%-òL± flj1±"«...Ó- -Ûø11Ó- flj1Àº Æ-ÀÓ-øe, ±ø-±-±1n¶ ±1jZÓ- ±øø?VÀ", 1È√±1 øð", 1 flj1ø±"√Ûøe øð ±1
flj1ø1-±" P flj1Àº ?≈√ ±...òL1"òL1Ó- Ó-±~±"òL«jZiZ ±À-º Ö"±", ±1n¶ Æ ±fliç ±, Ó- fl≈jòL ±fliç øðÓ-...±±Û
flj1ø1À" > 1È√±1"òL1 fl≈jòL ±1 øðøÓ- , ~À-±?√Û±Ó- È√±ø1Ó- -Ûø1Ó-...MèV ± Δ"√ ±-± fl≈jòL ±"ø√ Í-0±%-¶§À1
flj1±ø-±" ÒÀ1º Û±È-± ±¶æe", -ø-ø±Û±Û ±-±1-Û1± è"ø-±:±Û fl≈jòL ± ±±Û Æ±à Û±È-±fliç Æ-±-±:±Û, ~øe-±±
'±1n¶ ±ø"«√øðø"ø"±:±Û fl≈jòL" f Àj]"
ø"±:±Û fl≈jòL" f Û±È-±fliç1, ~øe-±±?√±ø,√ Ò1fliçº ±Û"ø"±:±Û fl≈jòL" f Û±È-±fliç1 %-ø±-±"±-±Çi ±±à-ø
øðøÓ-±-±?√ flj1fliçº È-± flj1ø±?√±, 1 Û±È-±fliç, ~"√± ø-±"¶À", ±À ±%-Û± flj1fliçº Í-± flj1ø±?√±, 1 Û±È-±À-±11
Δ-øø"øÛ... ±À ±%-Û± flj1fliçº 2.8 flj1ø±?√±, ±M√±1 Û±È-±fliç 2.8.1"±fliç - ~26√flj1øÈ-±fliç" f ~26√flj1øÈ-±fliç" f flj1ø±?
√±À, ±M√±1 ≈1.1ø%-Ó- Û...Ó- øðø, X Û±È-±fliç"±fliç"ø√", ±1 1%-ø, Ó-±-±ø È√Û± ±",º Û±È-±fliç1
øðø¶±±Û±ø øð±5 ø-±1]"
Û±, ±À1"±fliç Û±À"±È√Û 1È√± ±±øV"º øÓ-→"√±øø¶ø-±...±Ó- ±:±Û%-è± ± ±-± flj1ø1øV"º øÓ-→"±-±ÀV1?√"√
ø?√Û È√øe", ±"ø√ ±±øV"º -Û±ÀÓ-±fliç ±1È√ø, -"√±, ÛÓ- -u±±", øÓ-→"øçÛÓ- øðÀª" flj1Àº Æ?√± ±, ±?√"Û"±fliç
Æ-±?√±øø?√ ø-ø?√...± ±1n¶, ±fl≈j ±1 flj1 ±Ó-øÛ ±Û±Ó- ±±øV"º øÓ-→"ù"À"Ö": , ±Û± flj1ø1øV"º ±"ø√ ø-±1ø±ø±
"±fliç1 øÛÈ√"√±Ó-1 jZ±±1 ±%-Û± Û"√", -ø± -ÛøGÓ-, flj1± flj1, ±¶§µ -Û±±1±1Ó- ±h"±-±-±... -u- 11"1È√±
ø, ±flj1 Í-0À± ±±ÀVº ÆÛÀfliç ø, ±flj1±"±fliç ±øø Æfliç ±± ± Δ"√ÀÀVº øÓ-→"1 flj1± ±-±-±-2", Ó-±±øe"±, À",
"√±À" flj1ø±?√±, ±, ±-4ø"øð-±±" øÓ-→"flj1 ±-±, 1 Δ, ÀÓ-Í-0À± flj1ø1À"À"√ÀÓ-Û±"øÛ"øð-±±±-±-±À
øfliç ±-±...± - flj1±1, "S -±øM√±Í-0"±fliç1 Í-0À± flj1ø1ÀÀVº øÓ-→"1 ±1 flj1ø±?√Gøe", > flj1±-±...?√"Ó-ø"±Û-øeº
Ó-À ±ø±Û -Û?√...±-± flj1 - flj1±11 Í-0ø?√±"√±1"ø?√ÀÀVº øÓ-Àfliç ~26√flj1øÈ-±fliç 1%-± flj1ø±"À ±flj1 ±1 flj1ø±"√±-±
flj1±-±id - ~26√flj1øÈ-±fliç øðflj1"ø-ø1 1%-Û±±"ø√", ±Ó-±?√"√È-±"Ç ±ÀÀVº %-±1n¶?√M√± -u±±j ±øø flj1 ±1n¶
-u, òL Æ, Û± Í-07jijj", Ûøe1 ÒÛ±±... Æ-±...±-±"À ±flj1 Æøð" flj1±
flj1 Í-0-ÛÈ√øe... flj1ø1 Û±È-±fliç ±1ø%-Ó- Δ"√ÀÀVº

Ú±, flj røðflj CE-U%r±-Ø±1ce ríË±pjl, ~±Ór..., Ú±ø, flj± %rø1S³Órce Ú±1ce rí± CE-rí...± ±1nπ 'e±11, ððØ±Ú
"√v-rí-±À.º Ú±, flj Òce1 ðð ±ðL CE"√v±±± Í-òø%-Ór-º ~"26√fljØ-È-fljÓr-º "ò√v, fljÀ ±À-rí±1 'é-í'±AA√º "ò√v
Ú±È-flj±ÚÓr-º?≈√È-r±, È-Ú±, ±ðL1± ~±À³ 'Çl flj±± Δ"√vAA√º røðflj %r±1nπ?√M√v' ±1nπ CE-rí...± rí, ðLÀ, Ú±1
CEðð"-ÚØ1l', Ú±È-flj1 'øðflj±ø1flj fljÓ± ríº 1' 'Ç1-Ú1± 10' 'ÇÖ" "ò√v, È-Ú± ø-ríø¶'Ór-º 7' 'Ç1 ðð±"√v-rí-Ú" «
'±1nπ 8' -fljÓr-± «flj±-Ú"√v1l1 -Ú1± 1±È√ÓÚØÓ-flj, ~, ...± ±1nπ 1±©ÚTM ø-ríø±±1, "í«ºÓr" "ò√v øSé, ± fljØ1AA√º 7'
'ÇÓr-º %r±ÚÁflj 'ø-rí« fljflj ø-ríø±±1 Δ, ÀÓr-È√øÍ-Ór fljÀ1 '±1nπ?√v' ~-fljÓr-CEÓr-º"flj CE, "ò√v 1±-ÚÁÓr-CE?√±± ±,º
2.8.2 ø-rí ± ±?√M√v - ~±±1±é-r, 'Ú...±Ú... fljØ-rí-Ú±È-r...flj±11?√vÀ1 ø-rí ±±?√M√v±1 ø-rí πÀ', > øØflj fljÓ± È√Ú±
Ú±± ±,º ~±±1±é-r, Ú±È-flj1 ððð¶±±Ú±Ór-CEflj±±± Δ"√vAA√, ±ðL-ríÀÈ-Ú" 1?√M√v1 Ú±øÓr-À, flj ±1nπ ~"√v±1±È√
~±¶@1?√M√v1 -Ú±ÀÓr-flj ø-rí ±±±?√M√v" "ò√v ~±±1±é-r, Ú±È-flj 1%-Ú± fljØ1ØÁ√º øfljÀ≈√ ±Ú -Ú±G≈ø ø-ÚÓr-
CEÓr-º"1 Ú± ø-rí ±±À?√± ±1nπ ø-ÚÓr-1 Ú± ~Ú±Ø±-º±ø CE-Ú±±± ± ±,º ø-rí ±±?√M√v1 flj± ± -ÚØGÓr, flj ±flj Ór-
Ú"√v,º CE-ríØÁ√' r± -ÚØGÁÓr Ú±È-flj1 -1Ór-rí±flj...Ór Í-òø±ø±Ór-%r±f51, ^r±Ór ø-rí ±±?√M√v -ÚØGÓr-1±À-Ú
'±øÁ√' ríøø ~±À-ríø CEflj±±± Δ"√vAA√ CE?√' Ór-CEº26√1 Í-òø±-ÚceÍ-rí-rí±øÍ-r CE ±±±Ór-±±±Ú ø-rí ~±À³ 1È√±1
~"øM«√v Øø1 -Ú±ø±ce±Úflj CEº26√1 flj-rí 1 -Ú1± 1é-r± fljØ1ØÁ√º ø-rí ~±±1±é-r ~"øM«√v %-r±f5 Ú±À È√Ú±È√±Ór-º
CEÓr-ÀÚ %-r±f5" "ò√v -Ú±ø±ceÓr-ø%-r1flj± ±, Ú flj1flj, CEÓr-º"1 "√v"√vce-rí,√v"√vce1 ç-ríøX "√v±fljº
rí±1± ±√vce ±rÀ ±ÁÚø¶Ú± ~-ÚØ-ríØ±±ø¶ØÓr, ...±Ú±1±-Ú±-º, ... ðð±?√òLÀflj±øÈ-r-øð ~, -ÚØ1-Ór-±ø±øÍÀ,
~"Ór-Ø±Sceº CEºØ26√1nπAXÈ√... ±Ú± ~-È√ ~"Ø±Ú±, -øÍÓr-± 1±È√"ÀM«√v-, çZg~"-Ór...ø%-r1±º±~ ~"√vce
- -Ú±øØ±±± %-r±f5-ºº "ò√v, ±1 -Ú1± 'Ú± ~±Ú fljØ1-rí -Ú±ø1 CE" %-r±f5 ø-rí ±±?√M√v1 -Ú±á-À-Ú±-πflj ±øÁ√º
øÓr-Àflj ø-rí ±±?√M√v1 ±ø±± «r±± f5flj± Ór-Δ"√vØÁ√" ríøø flj-rí -Ú±ø1º CE, À, "√vÀ CEÓr-º" 2', %-r±f51 flj± 1 [±-
380-413] CE ±flj ±øÁ√º %-r±f51, ~, Ór-ÚÚ, flj ± 1±Sé"l Δ"√vØÁ√º CEØÚÚÁflj±ÁÚ±À³ "ò√v Ór-CE-Ú±-πflj fljØ1AA√º
È√v, ±± ðð"-øÓr-À, > "ò√v Ór, ~"ØÚ fljØ1AA√º Ú±È-flj1 fljÓ± ríð - ø-rí ±±?√M√v" "ò√v ±flj ±S ~±±1±é-r, Ú±È-flj
1%-Ú± fljØ1ØÁ√' ±1nπ Ór-±1 ~±ÀÈ√vÀ1 CEÓr-º"1 ððøÓr-± ððflj±ø Ór-Δ"√vAA√º CEflj±ÁÚ± CEflj±ÁÚ± -ÚØGÁÓr flj-rí
CE±±ÀÈ√ CE CEÓr-º" èCE?√±ce %-r±f5í ±1nπ èø ~, ±ø1flj -ÚØ%-M√vflj Ú±À ~±Ú ±±±Ú Ú±È-flj 1%-Ú± fljØ1ØÁ√º
øfljç "ò√v-rí ±flj1 CEflj±ÁÚ -Ú±G≈ø ø-Ú ±ø±ø±ØÓr-CE"√v±±± Ú±± "ò√vº 1' 'ÇÓr-CE?√±± ± ±, CE" Úµ-rí-ÚØÚ fljØ1
1±é-r, flj-rí ce ~"Ór- fljØ1-ríØ %-r±flj...?√v"rí ððøÓr-: "√v,º "ò√vøÓr-ÀØ... CEÓr-º"
Ú±Ór- %-r±f5 CE"À" «...flj ~.Ø1 ø, -"√v±, ÚÓr-ríU±± "ò√vAA√º CE, À, Úµ 1±È√v -ÚØ1, ± 1'Ú±Ór-1±é-r, flj %-r±f51
Ú±ce, ± fljØ1-ríØ %-r±flj... "ò√v ø-ríØÓr-CE%-øÚ± fljØ1AA√º "ò√vøÓr-ÀØ... 1±é-r-À, %-r±f5flj ±ø1-ríØ ~flj1 flj1±
ø-rí πfljÚ...±1 È√ø1, ÀÓr-
-Ú±-í«ÀÓr-ú 1flj -ríØ flj1± ríøø ø ~Ø...± ðð%-r±1 fljÀ1º %-r±flj... CEððø1Ór- %-r1 ^r±f1±, À1 1±é-r, 1 ø-rí-ú ð¶ CE ±flj
Δ"√v -ÚØ1AA√º 1±é-r-À, CEÓr-º"1 -ÚØ1, ± -rí«flj øÚ1±-ÚM√v±1 ±±øÓr-1Ór-CElá-ce %-r±Ú?√±, 1, 1Ór-1±À±º fljÈ-r±√±,
%-r±Ú?√±, 1 ø-rí-ú ð¶ CE ±flj± øø?√Ú±±Ú ±È√Ú -r± Àflj %-r±Ú?√±, 1 -Ú±?√ø Ór-1±é-r, 1 Ú± ±øÇÓr-±,√vøÍ-
CE-Ú± ±,º øÚ-Ú"Íflj Ú±À ±5%-Á1 CE, "ò√vÀÈ-r± ríøÈ-øø øÚ %-r±flj...1 "√v±Ór-Ór ø?√À,º %-r±flj... "ò√v %-r±Ú?
√±, flj 1±é-r, 1 -ÚØ1, ± -rí«flj CEÓr-º"1 "√v±Ór-Ór, ~Ú«Í fljØ1-ríØ '±À?√' ø?√À,º %-r±Ú?√±, CEÓr-øÓr-±
%-r±flj...1 ±À?√' 'ú ce flj±1 fljÀ1º CE, "ò√v -Ú1±ØÀÓr-Ú1±Øce fljØ1 %-r±Ú?√±, flj CEçð5±1 fljØ1 flj±1±±1Ór-±±X
fljØ1Àº "ò√v'ÇÀÈ-r± ~±± ± ± -Ú±À -ÚØ1ø%-Ór-º 2', 'ÇÓr-1±é-r-À, %-r±flj...1 -Úflj±1 fljØ1-ríØ "P-Ú1"√v,º
f5%-r1 ø-rí±Øflj1 -Ú1± È√Ú±-í CE %-r±f5flj -ríØ flj1±1, fljÀ ± πÍ-r ~La %-r±flj...1 çZ±± ø-rí-Ú-rí flj1± "√v"º
CEÓr-øÓr-± 1±é-r-À, ÚÓr-ÚØflj CEfljÀ ~1%-Ú± fljØ1Àº CEÓr-º" %-r±f51 Δ-ríØ-r±ø flj1 -Ú±?√-ríøÓr-øÚÈ√1 f5%-r1flj
øÚÀ, ± fljØ1Àº Δ-ríØ-r±ø flj1 ðð ðð¶ qøÚ %-r±f5 ±1nπ %-r±flj...1 ±È√Ór-± ÀÓr-ø-ríÀ1±Ø "√v", Ór-±1-rí-À-rí P
fljÀ1º %-r±f51 ÚÓr-Δ-ríØ-r±ø flj1 ðð ðð¶À, ððøÓr-øSé, ±1, øØÚ fljÀ1 ±1nπ %-r±f5 %-r±flj...1 ððøÓr-1nπØÚ
"√v",º Ór-±Àflj CE?√ø± 1±é-r-À, ±ÚøµÓr-√v,º fl±j, ~-Ú±1Ór-ððÀ³ flj1±1, ~, Ór- %-r±f5flj ±ø1 CE-Ú±-ríØ 1±é-r-À,
f5%-r11, "√vÀ ±-Ór-øflj -ríøe1 πÍ-r ~La 1%-Ú± fljØ1ØÁ√º øfljç?"√1?√v ce %-r±flj...1, È√±-Ór-±1 -Ú-Ór-CE, "ò√v
πÍ-r ~La -rí...Ø"√v,º èfljÓr-flj flj ~√v -í Ú±À ~3', 'ÇÓr-CEfljÀ ~±√vce"À"√v±»,º øÚÀ-ΠØ flj1± fljØ± Δ %-r±flj...
'±1nπ %-r±f51 ±È√Ór-flj±øø -ø-ríÀ1±Ø CE?√±± ø?√À,º Ór-±Àflj CE?√ø± 1±é-r-À, øÚÈ√1 fljÈ-r-CEfljÀ ~, Ú± CE"√v±±±
ríøø ±rØð, ±?√ ± ± fljÀ1º èððÀ ± -Úí Ú±À 4Ø«'ÇÓr-1±é-r-À, øÚÈ√1 ÚceøÓr-rí...Ø CE"√v±±± ríøø Í-òø-Ú øt
fljÀ1º 1±é-r-À, Úµ1 ø, -"√v±, Ór ~, ÀfljÓr-ø-flj -ríU±±-ríØ "P fljÀ1º ~, ÀfljÓr-ø-À³ øÚÀÈ√ 1±é-r, À1, ±é-r±» fljØ1 ~"Ór-
ø-ÚÓr-1' -flj±1À-rí±1 ø-Úøg-ríØ ø?√À,º èfljÈ-À ±-í Ú±À 5' 'ÇÓr-È-Ú± "ò√v %-r1 ~ø-ríµ± -Ú±,º Ór-±Ór-
~±øÁÓr-CE ± ±1nπ ~Ç±11 CE-Ú1±À1 Δ, ÀÓr-ø, X±Ø«flj Ø1± -Ú1±Ór ~, ÀfljÓr-ø-1 ~ÚÓr-1±é-r, 1 ððøÓr-À, Àµ"√v1
^r±-rí-ÚÁÈ√º 1±é-r, ððfljÓr-ÀÓr- %-r±f51 ø"√vÓr-±flj±.πÈ-rce ríøø ^r±ø ~, ÀfljÓr-ø-1±é-r, 1-ríÚ1± "±Ór-ø1 ± ±,º
%-r±flj... fljÈ-r CEfljÀ À -Ú± ØÀ1º 1±é-r, À1 ø-rí-À1±Ø CE"√v±±±Ór ~, ÀfljÓr-ø-CEÓr-º"1, "√vÀ ±-ce 1È√v±, flj 1 flj-rí-Ór-
-ÚÁ1º èfl±jÈ-r-Ú± í Ú±À ~πá-r 'ÇÓr-1±é-r-À, %-r±Ú?√±, 1 ðð-ríøM√v ~r±øÈ√v-ríØ fl±j, ~-Ú±1Ø' Í-òø-øÓr-±À"√vº
CEÓr-º"À1, ±é-r±» CE"√v±±± CE ±flj ±È√Ú1 ~±À± 1±é-r-À, %-r±Ú?√±, 1 ±, íB ðð± Ú± 1 -rí-Ø-ø1 -Ú±,º è, -çð"√v-rí-
Ú±À ~7' 'ÇÓr- %-r±G±À %-r±Ú?√±, flj ~"Ór-ø?√-ríØ -ríØ...~"ø"Ø Δ" ± ±,º CEÓr-º"1 -ÚPce ±1nπ -Ú±SÀ, ± CEÓr-º"flj
'Ú±, 1l fljØ1-ríØ øÍ-1±- fljÀ1º øÚÈ√1 'òL1e -ríø±flj ø-rí-Ú?√v1-Ú1±, 1nπ±±-ríØ 1±é-r-À, øÚÀÈ√, È-Ú± ¶ö Ór-
Í-òø-Úø¶ØÓr "√v", ±1nπ %-r±flj...1 -rí-ø?√-ríø± CE"√v±±±1 ððøÓr-1nπøÓr-ø?√ %-r±Ú?√±, flj ~±Mè√ fljÀ1º CEÓr-º"
%-r±flj...1 fljØ± ÀÓr- %-r±f5 CE"À" «1 ~LaceQ -Ú±?√ ¶±ceflj±1 fljØ1-ríØ, íjØÓr-ø?√À,º "ò√v ø±øÚÁÓr- %-r±flj...1
ÚceøÓr-±, Ú±-rí... øGÓr- "√v",º

Ó-º è ± ð²flj±øçüø S fí Ú±È-ñlj ~" %º-ø1S, ~"√Δ √VÄÄñ Ú±, flj- 'øçüø S, ø-º?√ ∏flj- Æ-ÄÓ-~, "SÒ±1, 1e ± ±1
'±%º-±' « ì ?√±, '±1n∏ √V1?√M√V, ~"√V±1±lœ Ò±ø1lœ '±1n∏ √V1±±Ó-œ, ø-º%º-±1-ÚøÓ-~ ^-ºÓ-œ ÆfljÄø fljœ,
-º √VÓ-ñlj- 'øçüø S1 Lœœ, øÚ-Ú±øflj±, %º-øfflj±- "ø√V1±±Ó-œ±?√±, œ, -ifl±-º-º flj± ±ø?√º flj±ø?√±, 1 øðÖ
Ú±È-~ √VÄÄ > 'øð±, -øflj %º-ø1S -fljÚ Æ √V±± Ú± "ø√Vº "ø√V", ±Ó-Ú±, flj 'øçüø S -ºœ1 Æ ±X± √VÄÄ > Æøðø flj
1+À-ÚÄ1> Æ?√ø±-Ö -Ú±>º Ú±È-ñljÓ- ÆfljÄø fljœ± %º-ø1SÄÈ-± øð-ºº èø-ºSÈÄ ±-º-º œ', ~ fí
Ú±È-Ó-Ú±, flj -Ú±1n∏1-º±, Ú±ø, flj±-Í-º-º œ, ø-º?√ ∏flj- ±-º-º flj, -Ú±1n∏1-º±1 -
ÚPœ- fí œÚ1œ, -Ú±1n∏1-º±1 -Ú±S- '±', ≈, ~"√± ≈øÚ ^-º-º, "ø√V ±ø?√Ä", "ø√V øðÖ±Ú %º-ø1Sº Ú±È-ñljÓ-
-Ú±1n∏1-º± ÒœÄ1±?√±M√V øðflj'øÓ-1 Ú±, fljº -Ú±1n∏1-º±1 ø%º-Sì fljø-ºÄ, øðÖ ~ÄÓ- Æøðø flj ø-ÚÄ√Ó-Ä √V
1ÈV±1 1+ÚÓ- -fljÚ fljø1ÄÄVº Æ, Ä, Ä √V -ºUø?√Ú Òø1 1+ÈVÖ±Úœ± -Ú1± ±Ó-1Ó- ±øÄVº ø-ÚÄ√Ó- -Ú±Sflj
1+ÈV... -º±1 ø?√Í-º-º œ1 -º-º, ≈Ä±Ä1 ø?√Ú 'øÓ-º-º±ø √VÓ- fljø1øÄVº è'ø -º:±Ú fl±jòL ~ fí Ú±È-Ó-~ √V±fljø-
flj±ø?√±Ä, øðøÓ-ÄÈ-± %º-ø1S "ø√V 'øÓ-º, ≈µ1Öflj -fljÚ fljø1ÄÄVº ~ √V± -º±1Ó-1 1ÈV±?≈√ ∏...øL1 %º-ø1S ±1n∏
'fl±jòL ± Ú±È-1?≈√ ∏...øL1 %º-ø1S1 ±ÈVÓ- Æflj±ÄÚ± ø' Ú± "ø√Vº fl±jòL ± Ú±È-1 Ú±, flj 1ÈV±?≈√ ∏...øL 'Ó-...øL
?√±ø, Q -Ú1±, ì, -~œ, øÍ-ñlj ø, X±òL -º-º -Ú1±, ÒœÄ1±?√±M√V ±1n∏ ±ÈVÚ øðflj'Ó- Æøðø fljº øðÖ -fljº-?
≈√ ∏...øL1 øðÄº, Δ-º ±Ú, 1 'Ú±Ä1±ÖSÈÄ ~' ± -Úø1Ó-...± fljø1 1ÈV±1 S±fljÓ«-º±1+À-Ú ±?√±ø, Q -Ú± ±Ú
'±ø?√ ÆÓ-Ä±Ó-1 %º-ø1S1 øÚ?√ «Úº ø-º?√ ∏flj ±-º-º...1 %º-ø1SÄÈ-± √V±, ...1ø, fljº fl±jòL ±, 'Ú, "±, øðø, •ø?√±
øÓ-øÚ>1±fljœÄ', ~ -º, œ, ± ±1n∏ -Ú1+Ú±º 1ÈV± "ø√V -ºÚ Ó-º±1 -º-º ø1ÈV± "ø√VÄÄVº fl±jòL ± ÄV- Ó-º±,
Ó-1n∏-Ó-ì1 ±ÈVÓ- Í-º±, √V1 Δ √V Æ, "ø√V, fljÄ ±Äflj ^-º-º-º çüœ1 Æ¶ßÄ √VÄ1 Òø1 1±ø±ÄÄVº flj±ø?√±Ä,
'fl±jòL ± flj -º±±Ú1 'øjÓ-œ', 'øøÚ -º±ø ΔfljÄÄVº 'Ú, "± øðø, •ø?√±Ó-Öflj -º±±flj, '±Ú1 'ø' √VÓ- ø%º-øL± Úflj1±
'±1n∏ Ó-»-Ú1º ~ √Vø ∏« flj• ≈øÚ -º± flj± ...-º ≈øÚ1 %º-ø1SÄÈ-± %º-øº-º« -fljÄÓ- "ø√V ±ÄÄVº -ºÈpº-º±1œ
Æ √V±±, ÄQ ø-ÚÓ-1 -º"l?√±ø, Q -Ú± Ú fljø1ÄÄVº fl±jòL ± flj ± √V«¶ö... ÈVœºÚÓ- ÆfljÄÚ?√Ä1 ±-º±ø±-º-º
±ø-º-º Ó-º±Ä1± -Ú1± ~' ±-º-º ± "ø√VÄÄñ èqln∏¶¶, ... &1n∏Úf flj1n∏ øðø, ±œ -ºøM√V-, -ÚPœ ÈVÄÚ...i
[%º-øº-º« -flj]º fl±jòL ± Ú±È-1 øð ≈±... %º-ø1È-± ÆÚ±flj fljø-ºÄ', flj• ~øÚ1 ~±ÄÓ- "ø√V ø?√ÄÄVº Δ-º±Ú,
'±e«-º, ±1jÓ-º, Æ-ÄÓ-~ ±ø?√ Ý-ø ∏ fl±j ±1, flj 1 ^-º-º flj±> 'Ú...º-º Ú±È-ñlj±ÚÓ- øðÖ -ºœÈV Æ1±-Ú1 ø-º±Ú, 1
-ºMèV-º...1 ÈVø1, ÄÓ- √V, ° Ú±1œ %º-ø1SÄ-º±11 ø -º-º-º ±Ú?≈È-º± %º-ø1S Δ √VÄÄV Æ-ÄÓ-~ œ ±1n∏
, ±Ú± Ó-œº Æ-ÄÓ-~ œ flj• ~øÚ1 ±l'Ó- Öflj± ±Ó-º-º~...± Ó-º-ºÚ¶œ ±1±fljœº ±1n∏, ±Ú± Ó-œ Δ √VÄÄV
'fl±jòL ±1 ±Ó-º Æ Úflj±1 øðø, ±œº ± "ø√V %º-ø1SÄÈ-±1 Æ ±Ä-ø?√ Ú±È-º...flj±Ä1 Ú±, flj-Ú±ø, flj±1 -Ú±Úø ~'Ú1
-ÚÖ, ≈%º-º fljø1 ø?√ÄÄVº, ±Ú± Ó-œÄ, øÓ-1¶øø1œ ø-º?√...±1 'øÖflj±1œº Æ, "ø√V ø-º?√...±1 ÈVø1, ÄÓ- ∏á-º-
fljÓ- fl±jòL ±1 ø-1" √VÓ-1 ÈV±?≈√ ∏...øL "ø√V, fljÄ ±Í-º», ±1ÈV...º-º -Úø1 √V±1 flj± ±1n∏ 'Ú±º-5 1ÈV±1 "√V+?
√, 1 -º-º-º Æ Úflj±flj ÈVÚ± "ø√VÄÄVº Ó-º±Ä1 "ø√V -º-º ∏n∏øÓ-Δ √VÄÄV, 5' -fljÓ-º "ø√Vf1, ±1øÖ ±Ó-ø Ä',
¶¶«1±ÈV... Í-ºX±11 øÚø ~ÄM√V 1ÈV±?≈√ ∏...øLflj ¶¶«Ö' Δ ÄÄÄVº, ±Ú± Ó-œº %º-ø1S flj±ø?√±, 1 ¶¶, -Ä ±ÈVÚº
flj±ø?√±Ä, øðøÓ-ÄÈ-± %º-ø1S Ú±È-ñljœ, ?√øøÚÄflj±1 -Ú1±Ä √V, -Ä ±ÈVÚ fljø1ÄÄV ±1n∏ øðøÓ-ÄÈ-±1
Í-º-ºÚ¶ø±-ÚÚ, ~, ±Ä-ÚÈ-º Æflj±ÄÚ± ±È-º %º-ø1S1 'ºÓ-±1± "ø√V?√ «fljflj ±øÚ ø?√, ±Ú± "ø√V -º1=, fljÄ ±Ä1
"√V+?√, '±flj ∏«ì fljø1-ºÖ, é-º Δ √VÄÄVº ÈV±øÚ Ö» ± √V± - flj±ø?√±Ä, ÆÓ-º"1 Ú±È-º, ~" √VÓ-º, 1n∏-Í-º±, √V1
øðøÓ-ÄÈ-± %º-ø1S øðÄ, ±ÈVÚ1 ø-ºøM√VÓ-Ä √V Í-º-ºÚ¶ø±-ÚÚ fljø1ÄÄVº ~" çÄLöÓ- ÚÖflj± Æflj "ø√V-º±È-º± %º-
ø1S

flj±ø?√±, 1 Ú±È-ñljÓ- Æ-Ú±± ± ±, ° ±R ~" ...±, 'Ú øðüü 1º flj±ø?√±, 1 Ú±È-ñlj Æflj "ø√V±Ú1 Ú±, flj Æflj±Ú Æflj±ÚS

2º flj±ø?√±, 1 Ú±È-Ó-º %º-ø1S, -Ä ±ÈVÚ1 Í-ºÄV ... øflj -º √V ± "ø√V ø ±º

3.6.3

flj±ø?√±, 1 Ú±È-ñlj1 øðflj'øÓ- fljø-º flj±ø?√±, 1
øðflj'øÓ-1 øðøÓ- ±flj ∏«ì 'øÓ- Æ-

ioÁvº CEÓ→"1 ?√ø©ÜÓ- øðfl'jðÓ-À` , fljÔ± flj` , ~±Ú≈√√1 'ðL11 'Ú≈-øÓ- r≈øÉ√-Ú±` ,º 'Ô«±» ~±ÚºQ±À1±-Ú
[Personification] flj-ri1 øðØ±Ú ø-riÀ` ΠQº øÓ-øÚ:±Ú Ú±È-ÀÓ-Ú?√œ, ±|~1-ri«Ú± Í-Ø-Ú` tº ø-riÀ` ΠQº flj` fl≈jðL` ±
Ú±È-1 øðØ` %º-±ø1È-±` -flj flj• ~øÚ1 '±|` ÀÓ- Ó-1nΠ-Ó-í1 ~±È√ÀÓ-?√` ...±ø` , Ó- flj1± Δ` √√ÁÁVº '±%º-ÀÓ-
øðfl'jðÓ-flj-ri±?√ø?√À` Ú±È-flj1 CE, Åµ` «` √√` È≈-Ó- Ú±Ô±Áfljº` fl≈jðL` ± Ú±È-1-Ú= ` ±1nΠ` Πá- -fljflj-ri±?√ø?√
, 5` -flj` øðfl'jðÓ-1 'Ú1+-Ú CE, Åµ` «1` ±È√ÀÓ- -fljÚ fljø1ÁÁVº è` ±` øºflj±øCüø` S` fí Ú±È-1 Ó-Ó-œ` , -fljÓ-
øðÀ` ±?√-Ú1 ø-ri` ΠÁ` , CE-Ú±º±` ±` ,º èø-riSèÀ` ±-ri«` œ` , ~fí Ú±È-flj1` ±1yø1ÀÓ-` -riº±Ú` Ç1flj` %º«-Ú± fljø1 Δflj` ±`
-Ú-ri«Ó-1-Ú1±` √√fÁ` ±fljÖ` Í-Ø` -øÓ-` ±Á` √√º Ú±È-flj1` %º-Ó≈-Ó«` -fljÓ- Í-Ø-ri«` œÁ` , .g` ±?√Ú-Ú1Ó-` Ó-±1
1+-Ú` Ô±1` fljÁ1º -Ú= ` -fljÓ- %º-...ºÚ` ~øÚ1 '±|` ~1 ø-ri` ΠÁ` , > CE-Ú±º±` ±` ,º '±Ú` √√±ÁÓ-` fl≈jðL` ± Ú±È-1` fl≈jðL` ±
øðfl'jðÓ-À1 È√œ` , 1œº ø-ÚÓ-` -` ±Ó-1 jZ±1± -Úø1Ó-...MèV± CE` √√±º±Ó-` %º-1±Á` , 1ér± fljø1øÁV` , CE, À` , CEÓ→"1
Ú±` fl≈jðL` ±º øðfl'jðÓ-1 fljÚ...±` fl≈jðL` ±1 Ó-1nΠ-Ó-ri, ` Ó-±` ±È-±` √√Á1 øðøÓ-` -riº-ri` -riCüœ, ≈` -ri CEΠB` √√º
' fl≈jðL` ±1 Δ?√ø` √√flj CE, Åµ` «Áflj± øðfl'jðÓ-1` ÀÓ- ø1ÈV±` √√ÁÁVº è` Ó1- øflj` , 1±- CEflj±` ø-riÈ-riÚ±Ú±flj±ø1Á1±
-ri±Ú-º fl≈j, ≈` øº± CE` ±` -Úœ` , - CE` ÁºÚ` Àe` Π≈` , iBÖvi` fººi` fl≈jðL` ±1 >Í-ri?≈√øÈ-ri CEflj±` fl≈j` ø` √√-Ú±Ó-1?√Á1
1, √√±, -ri±` √√` ≈` CEflj±` ±±±1?√Á1` ±1nΠ` Ú≈` 1?√Á1 CE` ±` -Úœ` , CE` ÁºÚ` -riº-ri, øiB` -riº-ri Δ` √√ÁÁVº øðØ` -flj1
-Ú±ÁÓ-ri-Ú±ÁÓ- øðfl'jðÓ-1` -Ú1+-Ú CE, Åµ` «1` ±` -ri±, CE-Ú±º±` ±` ,º %º-Ó≈-Ó«` -fljÓ- øðfl'jðÓ-À` , -riU flj±`
, ±ÖÚ fljø1ÁÁVº øð` -riº-ri-ri«Ú±Á1` %º-Ó≈-Ó«` -flj` ±1y Δ` √√ÁÁVº` fl≈jðL` ±flj ø-ri?√±` , 1-ri±-ri, fljÁ` ±` , ±` Çðœ
øðfl'jðÓ-À` , øð?√±Ú fljø1ÁÁVº øðfl'jðÓ-ri±1nΠ` ±Ú≈` √√1 , ` √√±º±Πø±Ú` ±` √√` %º-Ó≈-Ó«` -fljÓ-ri CE?√±±` ±` ,º flj•
` ~øÚ1 '±|` ~1` ±È-ri±Á` , fl≈jðL` ±1 ø-riÁ26√?√ , ` √√... fljø1-riÖ` , ~Öº` fl≈jðL` ±Á` , ±` -ÚøÓ-ri` √√Ö` ±-riÖ` > ±` √√
·ÁV` -ri± , fljÁ` ±Á1 -Ú1±` Ú≈` øÓ-ri Δ` ÁÁVº` ±1nΠ` fl≈jð` 1` ±Ó-1 È√ø1` , ÀÓ-ri` fl≈jðL` ±Áflj±` Ú≈` øÓ-ri ø?√ÁÁVº
' fl≈jðL` ±1 ø-ri?√±` , CE-ri` ±Ó-ri Ó-ri-ri-ri±-riU` -ri...±fl≈j` Δ` √√` ±øÁV` , ~` , 1Á-ri±Á1` ÚÓ-ri... -Úø1Ó-ri...±` fljø1øÁV` ,
` Ó-ri±Á-ri±Á1` qflj±Ú` -Ú±Ó-ri , 1±` √√` %º-fl≈j±1` -riÚ±Úœ È≈-øflj-riÖ` Òø1Á`º
èi-Ø?√-œ«?√` -ri«flj-ri` ±` -riœ` -riÚø1Ó-ri...MèVÚÓ«-riÚ±` ~` , 1œº` -riÚ , Ó-ri -riÚ±G≈-riÚS±` ≈=øðL` |nΠ` √√º` Ó-ri±-ººi
flj±ø`?√± , 1ø` ±øÚÓ-ri øðfl'jðÓ-À` , øð±i` -riÚ±` √√` Í-Ø-ri-ri-riÁÁVº` Ú±È-flj1 , ±` 1ø1Ó-ri ΠB` «1 CE` √√` fl'jÈ-ri-ri-ri«Ó-ri-ri` Öflj±
` ±ø1ÁV1` ±|` ~1-ri«Ú±` CE-Ú±º±` ±` ,º È√±øÚ` Ö»` ±` √√±` -flj±ø`?√± , 1 øðfl'jðÓ-ri-ri«Ú±1` øðØ±Ú ø-riÀ` ΠQ
` ±ÚºQ±À1±-Úº` ±R` ~` ...±` , Ú øðüü flj±ø`?√±Á , flj±-ri...Ó-ri øðfl'jðÓ-ri-ri CEfljÁÚ?√Á1 -ri«Ú± fljø1ÁÁV` 'ø` -ri:±Ú` fl≈jðL` ~` 1
'±Ø±1Ó-ri ø` ±º`

..... 3.6.4 flj±ø`?√± , 1 Ú±È-fljÓ-ri` øÓ-ri øð±fl'jðÓ-flj Í-Ø-riÚ±?√±Ú
'øÓ-ri øð±fl'jðÓ-flj` Ô«±» øðfl'jðÓ-ri-riÖflj ø` -riB , ø` ÀÈ-ri± -ri±øºº È√-riÓ-ri -riU` √√` , -ri± , ` √√È√ÀÓ-ri Í-Ø-riÚ` t` Ú` √√` ,º
ºÈ-ri±` sÓ-ri flj-riÖ` :iÀ` 'øÓ-ri øð±fl'jðÓ-flj` ±ÁÚ` æ≈√Ó-ri , 'À` Åøfljflj , '±` («È√Úflj , Δ?√øºflj -ri±` ±øØÀ` -riÅøÓ-ri)º
` ~` √√±flj-ri flj±ø`?√±Á , 'øÓ-ri øð±fl'jðÓ-flj Í-Ø-riÚ±?√±Ú , ~` √√` Ú±È-flj1 flj±ø` √√ÚœÓ-ri øðÀ` , ±È√Úœ` , Ó-ri±1 >-riÚ1Ó-ri
` é... 1±ø± øðÀ` , ±` flj1± CE` Ú` ±Á-º øðøÓ-ri ÀÈ-ri± -ri«Ú±?√±Á-riÚ±iÓ-ri CE?√±± øðøÓ-ri ø-riºº1 øÚø%º-riÚºº flj±ø`?√± , 1
øðøÓ-ri±Ú Ú±È-riÀÓ-ri` øÓ-ri øð±fl'jðÓ-flj Í-Ø-riÚ±?√±Ú1 øðÀ` , ±` CE-riøÁV`
º è` ±` ø-ri flj±øCüø` S` fí Ú±È-ri
Ó-ri` øÓ-ri øð±fl'jðÓ-flj Í-Ø-riÚ±?√±Ú1 -riÚÀ` , ±` -ri1 CE?√±±` ±` ,º ~` √√±1±1œ` Ò±ø1œ1 ø-ri ΠÚ±` flj` ±` , ≈√√ø1-ri øð , -riÓ-ri
'øÓ-ri øð±fl'jðÓ-flj Í-Ø-riÚ±?√±Ú -riÚø1` øé-riÓ-ri` √√` ,º èø-riSèÀ` ±-ri«` œ` , ~fí Ú±È-riÓ-ri` ~` Ú±ø` , flj± , Ú±ø` , flj±1 , œœ
'±È-ri±` √√Á-ri±Á1` øÓ-ri øð±fl'jðÓ-fljº Í-Ø-ri«` œ` , CE` Úflj± , 1y±` ±ø?√` ΠB` «1` o1±º CEÓ→"Á` ±fljflj 1±ér-ri , '±Sè` Ì` flj1±ÁÈ-ri±>
'øÓ-ri øð±fl'jðÓ-fljº øjZÓ-riœ` , -fljÓ-ri` -riÓ-ri` ~øÚ1` ø` -ri±-riÚÓ-ri Í-Ø-ri«` œ` ø` -ri 5 Δ` √√` Ö«-riÖ` '±Á` √√º` ø` -ri±-riÚ
'øÓ-ri øð±fl'jðÓ-fljº Ú±È-flj1±ÚÓ-ri .g` ±?√√` -riÚ-ri«Ó-ri-ri Í-Ø-ri«` œÁ` , ¢ri±` ~` Ó-ri±Ö` -riÚø1ºøÓ«-riÓ-ri` √√` ,º Ó-ri±Í-ri±` flj
'±ø` eU` flj1±1` À` .Á` ±ÁfljÁ` Í-Ø-ri«` œÖ` -riÚø1ºøÓ«-riÓ-ri` √√` ,º ¢ri±` √√` flj±ø` √√ÚœÁ-ri±Á1±` øÓ-ri øð±fl'jðÓ-fljº` fl≈jðL` ±
Ú±È-riÓ-ri` fl≈jðL` ±` ~` ±Úºœ , ðL±Úº CEÓ→" ΠB` «1` o1± CE` Úflj±1 fljÚ...±º øjZÓ-riœ` , -fljÓ-ri flj•` ~øÚ1` Ú≈-riÚøºøÓ-ri-ri
1±ér , 1 Í-Ø-riÚºº1 -ri±Á-ri :` ±Á` , ±È√ÚÓ-ri ø-riø` -riB

Ó- , "SÒ±À1 -Ú±ø1-Ú±øú« fljflj ±ø1 -Π -ι≈ø , À•Ï±ÒÚ fljø1 -ι, ðL-Í-ð», ±1 , ~ , Ó- Ú±È- Í-ð-ÚÏö±-ÚÚ flj1± ~ √Í-ι -ι≈ø ððflj± fljø1 , -œÓ- -Úø1À± Ú fljø1-ιÖ flj , ° Ó-±1 ø-ÚÁVÓ- -Ú±S, ~ " √1 öðÀ± -ÚÔ , ≈%- ~ flj1±Ó- öððÏ±±Ú± 'òL "√" , ° èø-ιSèÀ ±-ι« œ , ~ fí Ú±È- fljÁÓ-± , "SÒ±À1 Ú±μœ ÆÚ±±flj -Ú±Í- flj1±1 ø-ÚÁVÓ- -Ú±ø1-Ú±øú« fljflj ±ø1 -Π -ι≈ø , À•Ï±ÒÚ fljø1 èø-ιSèÀ ±-ι« œ , ~ fí Ú±È- Í-ð-ÚÏö±-ÚÚ1 ø-ι -ΠÀ , Í-ðÀ~± fljÁ1° ÆÚ-ÚÔ..Ó- Æ √±±± sÀ-ι±1 qøÚ , "SÒ±À1 Æflj±ÁÚ±-ι± 'o1±1 ø%-μú1 -ι≈ø ' Ú± ±Ú fljÁ1° ±1nΠ Δflj ± 1 -Ú1± > ^-Ó-±1 -ÚÔÓ- Æflj±ÁÚ± ^ -ι±±Ú1 ' SnΠ " √ √ -ιμœ flj1± -ι±À-ι 'o1±, flj 1 flj±Àμ±Ú qÚ± .ι ° μÀÚ?VÀ1 öððÏ±±Ú±1 'òL "√" , ' ±1nΠ öðÔ ~ - fljÓ- ~ =Ó- 'o1±, fljÁ öðÀ± fljÁ1° μ √ √ öððÏ±±Ú±ÀÈ-±flj èöðÀ , ±±øÓ- , ' í öððÏ±±Ú± -ι≈ø Æflj±±± "√" , ° flj±1 ðððÏ±±Ú±ÀÓ- " √ √ , "SÒ±À1 è'o1±, ±- .Àì± "√" , ~ fí -ι≈ø 'o1±, flj 1 ~ Ó- -Úø1%- , flj1± " √ √ ø? VÁÁV° fl≈jòL ± Ú±È-1 öððÏ±±Ú± " √ √ , ≈fljœ , ±° öððÏ±±Ú±Ó- , "SÒ±À1 ÚÈ-œ1 ~ Ó- fljÁÓ-Ú fljÓÚ fljÁ1° ÆÚ-ÚÔ.. 1 ø-ι±Ú , ~ ±5 Æ √ √ ±±±Ó- ÚÈ-œflj ~ =Ö ~ ±øÓ- '±øÚ, fljÁ ± ±? √ flj1 ± Ó-±ÀÓ flj±ø? √ ±, 1 jz±± ÚÓ~ -ÚÖflj 1%-øÓ- è'ø - : ±Ú ± fl≈jòL ~ fí Ú± 1 Ú±È- flj±Ú ~ =Ïö flj1± " √ √ -ι≈ø ÈVÚ± , ° , "SÒ±À1 øÚÈV1 -Úø1%-± Ú±1 öððÓ- , Àμ √ √ öððflj± fljÁ1° ÆÓ-) ÚÈ-œflj ±? √ «flj, flj 1 |nΠ øÓ- '±À ± ±? √1 -ι±À-ι ÇðœÉflj± flj Æflj fljø1 μÈ- .œÓ- -Úø1À± Ú fljø1-ιÖ ' Ú±À1±Ú fljÁ1° ÚÈ-œ1 , ≈μ1 .œÓ-Ó- , "SÒ±À1 ø-ιÏÚøÓ- . ^ -«Ó- Æ , ± ± ± √ √ øflj öðflj1 ~ι≈ø Δflj Ú±È- flj1 ø-ι -Π , -ιðÀflj øÚÀ? «√" fljÁ1° ÚÈ-œ1 , - .œÓ-Ó- ~ * Δ √ √ ÆÓ-) Æ ' ÁÚÖflj , fljÁ ± -Ú± " √ √ ø1 .ι , ÆÓ-ÁÚ? VÁ1 1ÈV± ± ≈ √ Π ..òLÀ , ± , fljÁ ± -Ú± " √ √ ø1 " √ √ ø11 ø-ÚÁÁV ø-ÚÁÁV ÒÚ~ - flj±Í- Δ Æ ± ø? √ Δ : ±ÁÁV° ±1nΠ μÀÚ? VÁ1 " √ √ 1ÈV± ± ≈ √ Π ..òL " √ √ 1ÓÓ- Í-ðøÍ- ÒÚ~ - flj±Í- Δ ~ ' : , ±1 Í-ðÁVÀ ... " √ √ ø11 ø-ÚÁÁV ø-ÚÁÁV ~ =Ó- öðÀ± fljø1ÁÁV° Æ , À , À " √ √ μ √ √ öððÏ±±Ú±ÀÈ-±flj ' ± ø-Ó- öððÏ±±Ú± -ι≈ø Æflj±±± "√" , ° 3.7.4 flj±±-ιð Ú±È- flj Æflj " √ √ ±Ú1 ~ " ø-ι -Π , , •ÚÀfl« ± ± ± %-Ú± flj1± Δ √ VÁÁV ° ø? √ √ flj±ø? √ ±À , Ú±È- fljÓ- Æ , " √ √ ø-ι -Π , 1 -ιÚ -Úø1°Ó-Ú , È-± " √ √ Í-ð-ÚÏö±-ÚÚ fljø1ÁÁV° èø-ιSèÀ ±-ι« œ , ~ fí Ú±È- flj1 flj±ø " √ √ Úœ ~ » , -Ú±1± ±ø? √1 -Ú1± Æ ± ± ± ø? √ fljø-ιÀ , Ú±È-... 1+±Ú ø? √ VÁÓ- -Úø1°Ó-Ú , È-± " √ √ VÁÁV° Æflj " √ √ -ι±È-± ± %-ø1S øÚÈV±Öflj , -Á ± ÈVÚ , È-± " √ √ VÁÁV° ~ " flj±±-ιðflj Ú±È-... 1+±Ú ø? √ VÁÓ- ± .1ÀÈ-±1 -Úø1°Ó-Ú , È-± " √ √ VÁÁV° Æ -Π Ó- -Ú±1nΠ ± ± Í-ð-ι « œ1 ø ~ ÀÚÀ1 , ± ø1ÁÁV ° è ± ø-ι flj±øÇüø S fí Ú±È- flj1

flj±ø " √ √ Úœ <øÓ- " √ √ ±ø, flj -ÚÈ- ^ -ø 1 > -Ú1Ó- ø-ι1ø%-Ó- ÆfljÁÚÖflj 'øÇüø S 1ÈV± " √ √ Æ , " √ √ ø-ι -ΠÀ , " √ √ , ±Ó- -ι« Ú± flj1± Ú± " √ √ , " √ √ , ±Ó- Æflj± ÆfljÁÚ , ±Ó- -öððÓ- , ±Ó-1 ~ ±ÁÈVÁ1 'øÇüø S " √ √ ± ø-ι flj± flj -Ú±À Æ , " √ √ ø-ι -ΠÀ , Æ-Ú±±± ± , ° fl≈jòL ± flj±-ι...ÀÈ-± ~ √ √ ± -±1Ó-1 ±ø? √ -Ú-ι« 1 -Ú1± Æ ± ± ± ø? √ fljø-ιÀ , " √ √ , ±Ó- , •Ú"Í« -Úø1°Ó-Ú , È-± " √ √ VÁÁV° ~ " √ √ ± -±1Ó-Ó- 1ÈV± ± ≈ √ Π ..òL " √ √ öðÀ ± -Ú ø? √ fl≈jòL ± flj ø-ι , ± flj1± " √ √ ± | ÁÓ- μø1 Δ .øÁV° Ú -ιÁV1 ø-ÚÁVÓ- flj • ~ øÚÀ , fl≈jòL ± flj Ï± œ1 . " √ √ Ö -ÚÁÍ-±±±1 ø-ÚÁVÓ- , ~ ±ÈV1 ^ - , Ó- 1ÈV± " √ √ Ï±œflj±1 flj1± Ú±øÁV° ø fljç 'ø - : ±Ú- fl≈jòL ~ f Ú±È- fljÓ- 'øÓ- , ≈μ1Öflj flj±ø? √ ±À , fl≈jòL ± ±1nΠ ± ≈ √ Π ..òL1 öðÔ ~ ø ~ Ú Æ? √ ± ± ± " √ √ VÁÁV , 'íÓ- ? ≈ VÁ , ± ± ≈ VÁ , ± Á1 öððÓ- ' ± flj -Π « | -ι±øÍ- Δ ÁÁV , øfljç Æflj± fljÓ±- -ιÓ-1±ÁÓ- , œ ± -ιX 1±ø±ÁÁV° μ √ √ ÆöðÀ ~ -Ú"Í«Ó-± -Ú± " √ √ VÁÁV Ó-Ó-œ , ' - fljÓ- ? ≈ √ -ι« ± , ±1 'ø ^ - ±À-Ú μ √ √ ø ~ ÚÓ- -ι±Ó±1±À-Ú øÔ , ø? VÁÁV° ± ≈ √ Π ..òL- fl≈jòL ± μ √ √ ø ~ Ú1 flj±ø " √ √ Úœ -ιÚ±-ιÖ ø-ι? √ Π flj , " √ √ - , -Úø? √ flj± , ±Ú ~ Ó-œ ± ø? √1 ? VÁ1 Æflj " √ √ -ι±È-± ± %-ø1S1 , - À ± ÈVÚ , È-± " √ √ VÁÁV° ? ≈ √ -ι« ± , ±1 'ø ^ - ±À-Ú± fljø-ι1 øÚÈV± , 'øÖÚ° ÈV±øÚ Ô » ± " √ √ ± - 'ø ^ - : ±Ú ± fl≈jòL ~ f Ú±È-1 èÚ±μœ -ÚS±± œ Ú±μœ ø-ιSèÀ ±-ι« œ , ~ f Ú±È-1 öððÏ±±Ú± öðÀ , ±±øÓ- , öððÏ±±Ú± ± R ~ " ... ± , Ú öðü - Ú±μœ -ι≈ø À øflj -ι≈ÈV± ± ø ^ - : ±Ú ± fl≈jòL ~ Ú±È- flj1 Ú±μœ ÆÚ±±flj1 Ú±È- fljœ , Ó-± » -Ú « -ι...±±...± flj1±°

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3.8 flj±ø? √ ±, 1 Ú±È- flj1 Δ-ιø ©Ü... øÓ-øÚ±Ú Ú±È- flj 'Ò... , Ú1 'òLÓ- flj±ø? √ ±, 1 Ú±È- flj , 'ø©

ÜÖ-øfljÄ≈√±Ú Δ-ιθ·©Ü...-Üø1'øé-Ö-~√',°øÖ-øÚ:þÚ Ú±È-fljÄ1 ~≈±... 1, ' -·±1° Ú±', flj-Ú±ø', flj±1 CEδð1
flj±ø'√Úøe δðflj±' fljø1-ιÖ' Δ-ι?√'«œ 1œøÖ-1 öðÀ', ±·° δðfl'jøÖ-ι«Ú±Ö- fljø-ι1 -ÜÈ≈-Ö-± -Üø1'øé-Ö-
~√', ° ±ÚøQ±Ä1±-Ü fljø-ι flj±ø'±√±, 1 ø-ιÄ' -ΠQ° Ú±μœe CEù±±flj1 È√ø1', ÄÖ- Ú±È-Äflj' ð√±Ú '±1y Δ'√ÄÄV°
fljø-ιÄ', ø' Äflj' ð√±' %«-Ú± fljø1ÄÄV', ~ÄÖ- ø-ι-Π', -ιðÄflj± øÚÄ?«√' fljø1ÄÄV° ?≈√±Ú Ú±È-flj1 öðð¶±³Ú±Ö-
, "SÖ±Ä1 -Ü±ø1-Ü±øð« flj1 ~Ö- fljÖ±-ιÖ-1±1 È√ø1', ÄÖ- ø-ι-Π', -ιð '±1nΠ Ú±È-flj1 Ú±' CE, ±~Π± fljÄ1° '±1nΠ
±þÚÖ-ι, "SÖ±Ä1 ÜÈ-œe1 ~Ö- fljÄÖ±-ιÜfljÖÚ1 È√ø1', ÄÖ- '±1y fljÄ1° 'øÖ- öð±fl'jøÖ-flj1 Ì-Ö-Ü±?±√±, ~"√± >-Ü1ÄÖ-±
fljø-ι1 81nΠQ CE-ιøÄV° ø' -ι ±-ιÜ1 -ι...³√±±1 ?≈√±Ú Ú±È-fljÖ- CE?±± ±', ° CEδð-ιUS ø' ±ø-ι Π', ÄÈ-±?≈√±Ú
Ú±È-fljÖ- CE?±± ±', ° ±flj±' -ι±ø-ΠÖ- 'Ö«±' ±flj±' -ι±ìœe1 öðÄ', ±Ä± Ú±È-Äflj' ð√±ÚÖ- -Üø1'øé-Ö-~√', °
-ιUø-ι-ι±'√' öðÖ±1 öð%-ι Ü CE, "ð√±, ~, 1, ±È√-ι...³¶ö±1 ±øÈ-ø-ιÄ' -Π ø?√' ° øÖ-øÚ:þÚ Ú±È-ÄÖ- Ú±', flj1
CEflj' ð√±-ι±·1±fljœe' -ÜPœ Öflj±1 fljÖ± Ì-öÄ±±' ±ÄÄV° Ú±È-Äflj' ð√±ÚÖ- CE, "ð√± -ÜPœe, flj 1 %-ø1S' fljø-ιÄ',
, ≈μ1Öflj -ι«Ú± fljø1ÄÄV° öðfl'jøÖ- '±1nΠ ~±Ú≈'√± ±È√Ö- fljø-ιÄ', °·Üfl«j ¶ö±-ιÜ fljø1ÄÄV° Ú±È-flj ?≈√±ÚÖ- ¶ö«
'±1nΠ ~Ö«... ?≈VÄ', ±È-±Ä1'³ö±1ì±' ±ÄÄV° 'o1±flj Ú±ø', flj±1 1±-ÜÄÖ-± -ι«Ú± fljø1ÄÄV° è ±' ø-ιflj±øCÜø ~S' fí
'±1nΠ èø-ιSêÄ' ±-ι« œ', fí Ú±È-ø' ±±1, ~, Ö- Ú±È-flj1 ø-ι-ΠÄ', öðø' é-ι Δ' Öflj±1 'Ú± ±Ú fljø1-ι -Ü±ø1° öðÖ' ?
≈√±ÚÖ- Δ1 CE' ±³± SnΠ¶È-Ä-ι±1' "±Ö-1±' ð√± Ö-Ö-œe', þÚ, °·Ü'k 1±-ÜÖ- CE-Ü±³± ±', ° Ì-Ö-Ü±' ~-flj±11
öðÄ', ±' fljø-ι flj±ø' ±√±, 1 ø-ιÄ' -ΠQ° ø-ι?"√' Πflj %-ø1S øÖ-øÚ:þÚÄÖ- '±ÄÄV' ø?√' fl≈jòL ± Ú±È-1 ø-ι?"√' Πflj1
%-ø1SÄÈ-±Ä'√' ~-flj±1 ±¶a1 ÜœøÖ- 'Ú≈, ø1' -fljÚ fljø1ÄÄV° øÖ-øÚ:þÚ Ú±È-ÄÖ-ι, -œÖ-1 öðÄ', ±' ±ÄÄV°
'-1Ö-ι-ι±flj... Ú±È-Äflj' ð√±ÚÖ- Ú±È-flj1 Ú±', Äflj -Ü±-ι fljø1ÄÄV° Ú±È-fljÄflj' ð√±ÚÖ- öðÄ³ flj, ø-ι©@yflj ±ø?√1 -ι...
³√±±1' ±ÄÄV° Ú±È-øÖ-øÚ:þÚÄ1, ±' 1ø1 ø' ~Ü±Rflj°

3.9, ±1±- (Summing Up), -¶'©Ö- fljø-ι flj±ø' ±√±, 1' ~1, 'ø©Ü1±øÈ√1 È√ø1', ÄÖ- ø-ιù', ±ø'√Ö-...1 CEé-SþÚÖ-ι ±þÚ
Ì-ö2%-ι ±, Ü' øÖflj±1 fljø1' ±ÄÄV° CEÖ-ι"1 1%-Ü±1±øÈ√Ö-ø' äœ Ü1 -Üø1%-ι, CE-Ü±³± ±', ° flj±ø' ±√±Ä, Δ-Ü1Ö-
-ι, Ö-ø' ±± Ú±È-fljœe', flj ±-CEfljÄ', ~, Ú±È-...öðøÖ-ι-±, fljÄ' ±Ä1 ¶ö±é-1 -ι'√± fljø1ÄÄV° CE, "ð√±-ι±Ä-ι CEflj±³±
~√', ñ èflj±ø' ±√±, ..., -ι«¶ö' ø' -ι:±Ú ±fl≈jòL ~fí flj±ø' ±√±Ä, CEδð' flj ¶öœflj±1 fljø1ÄÄV', øfljœ öðÖ-ι ¶ö±Ö«-Ü1
CE'√±³±ÄÈ-± ø-ι%-ι± Ú±' ð√±°' iÄÖ- 'ð√± ¶ö±Ö«-Ü1 CE'√±³±ÄÈ-± 'Ú± -³ fljø1ÄÄV', Ö-±ÄÖ- 'ð√± ±VG
ø'√±%-ι±Ä-ι'ø' -ι ±-ιÜ1 ø%-ι-Ü -ι...³√±±1 fljø1ÄÄV° CE, Ä', èflj±ø' ±√±, œ', Ú±È-...1œøÖ-ι 'Ú... -¶'©Ö-
fljø-ι, flj Ö-Öflj ø' -ιB° ±ø'√'« öðùü (Sample Questions) 1°

flj±ø' ±√±, 1 Ú±È-flj CEflj' ð√±Ú ±1nΠ øflj øfljΣ 2° flj±ø' ±√±, 1 Ú±È-fljÄflj' ð√±Ú1 ø' Äflj±ÄÚ± ±þÚ1 flj±ø'√±Úœe, °ÜÄfl«j
-ι«Ú± flj1flj° 3° flj±ø' ±√±, 1 Ú±È-fljÖ-ι %-ø1

S ø%-Sì, °ÜÄfl«j ±È-± CEÈ-±flj± öððÖ- fljø1-ι° 4° flj±ø' ±√±, 1 öðfl'jøÖ- öðœøÖ-1 ø-ι-ΠÄ', -ι«Ú± flj1flj° 5° flj±ø' ±√±, 1 ø' Äflj±ÄÚ± ±þÚ Ú±È-flj1' ±' Ö- 'øÖ-öð±fl'jøÖ-flj1 Ì-Ö-Ü±?±√±, °ÜÄfl«j -ι'√' ±' ð√± ø' ±flj° 6° flj±ø' ±√±, 1
Ú±È-... öðøÖ-ι-±, °ÜÄfl«j -ι«Ú± fljø1-ι° 7° èflj±ø' ±√±, ..., -ι«¶ö' ø' -ι:±Ú ±fl≈jòL ~fí fljÖ±-Π±11' Ö±Ö«Ö-±
-ι«Ú± flj1flj° 8° flj±ø' ±√±, 1, ~, 1, ±È√ È√œe¹1 öðøÖ-ι26√ø-ι CEÖ-ι"1 Ú±È-fljÖ- CEfljÄÚ?VÄ1 öðflj±' fljø1ÄÄV'
%-ι ~œÖflj -ι«Ú± flj1flj° 9° èflj±Ä-ι... -Π≈ Ú±È-flj -1'...- Ö-S1'...± fl≈jòL ± fljÖ±-Π±11 ø-ι-ΠÄ', -ι'√' ±' ð√± ø' ±flj°
3.11 öð, - ÇðLö (References/Suggested Readings) 1° öðÄÜ-%-ι±1 CE-ι±, 1Ä' f CE' ±'√±Ú, °Ü±ø?√Ö-èø' -ι:±Ú
' ±fl≈jòL ~fí flj±ø' ±√±, 1' Ì-±ì« -ι≈flj ±ÄÈ√kœe öð±' ð√±Ä' -È-ø' ø' ÄÈ-Ì-f, fljø fljÖ-ι±° 2° Ì-0 %-SêäÖ-«œ, Ö-ι...
Ú±1±', Ì, °Ü±ø?√Ö- flj±ø' ±√±, 1 èø' -ι:±Ú ±fl≈jòL ~fí, -¶'©Ö- -Ü±ø¶flj' -ι±G±1, 2010° 3° flj±Ä' ±' f' ±1f, °Ü±ø?
√Ö- flj±ø' ±√±, 1 èThe Abhijñanasakuntalam í øÖ-ι ±' -ιÜ±1, œ? ±√±, -Ü±ø-ιV%-ι±%-ι, ø?√~œ, 1994° 4° Ì-0 ~«±
Ö±ÄÜü 1 èø' -ι:±Ú ±fl≈jòL ~f -±flj, ~œé-ι±, %-f öðflj±', 8³±'√±È-œe, 1997°
5° CE?√³Ö1 ø%-ι' ±1f, °Ü±ø?√Ö- èflj±ø' ±√±, 1 ø-ιSêÄ' ±-ι« œ', fí, ~øÖ-ι ±' -ιÜ±1, œ? ±√±, ø?√~œ, 1966° 6° Ì-0
-ι, ≈1P±, °Ü±ø?√Ö-ι, èflj±ø' ±√±, 1 ±' ø-ιflj±øCÜø ~S' fí, Ü³-ÜS öðflj±' Ü, fljø' fljÖ-ι±° 7° Ì-0 ~«±' ≈fl≈jμ ~Ö³
èÌ-Ö-Ü ± flj±ø' ±√±, ..., -ι±ìœe öðflj±' öð±' ð√±Ä' -È-ø' ø' ÄÈ-Ì-f, 8³±'√±È-œe, 2001° 8° -ÜøÖ- ~Ö≈, "±√Ü èSanskrit
Dramai' 1 öðflj±' Ü, ø?√~œ, 1991° 9° Ì-0 '±%-ι±'«... CE?√Ä³ fl≈j ±1 è, -¶'©Ö-ι, ±ø'√±ÄÖ-...1, øé-5' ð√±øÖ-ι'√±, í,
öð:± ø-ιflj±', fljø' fljÖ-ι±, 1998° 10° Ì-0 ~«±,
Ö±ÄÜü 1 è, -¶'©Ö-ι, ±ø'√±Ö-ι...1 "ð√±øÖ-ι-ι'M√í, %-f öðflj±', 8³±'√±È-œe, 1995° 11° CE?√³ CE-±¶ö±' œ
~√±Ä' ±'√±Ü è, -¶'©Ö-ι, ±ø'√±Ö-ι...1 -ι≈1?œé, -ι≈fljÄ' G, 8³±'√±È-œe, 1992
° 12° -ι±³Ö-œe flj± ±±...± %-ι1 è, -¶'©Ö-ι Ú±È-ι... ±ø'√±Ö-ι...ι, -ιÜ'Ö-ι±, 2000° 13° CE?√³ ~«±' ±¶œe Ì-ö' ±flj±òL
, °Ü±ø?√Ö-è -1Ö-1 Ú±È-ι... ±¶ai øjZÖ-œe', ±G, ~, Ú±È-ι... øij' Ü, 2006° 14° Ì-0 -ι±' ð√±øμ1' "ð√±fljœe', ±, Ì-0 CE?
√³œe Üœe ±øé-ι, °Ü±ø?√Ö-è, ±ø'√±Ö-ι... ø%-òL± Ö-1eí, öð±'ÄÈV...±øÖ-ι-Π ~√±ø-ι?√...±', CE, ±ì± œ ÈV', ðLœe
Ì-ö?±√' ±-ιÜ, ø' øÖ-ι, 8³±'√±È-œe, 2009° 15° ±¶œe flj' ÜÄ' ±'√±Ú' ±%-ι±'«... è, ±ø'√±Ö-ι... ±√-Ü«ì, CE%-Äty±, -
¶'©Ö-ι, -¶'ö±Ü, -ι±1±ì, œ, 1996°

“ó” ±1 ð-ÚÁ√Ó- CE?√± ±-í” ð-í?”√-Πflj -i, ðLÀ, Ú±1, 1Ö” ±ð”√√ÁÁ√º ð-í?”√-ΠÀflj -i, ðLÀ, Ú±flj “√√±1î-±” -Ú«ì fljð1Á” ±1nΠ fljÀ” CE” %º-±1nΠ?√M√√√” ð -i, ðLÀ, Ú±1 “-flj±1ð±0Ú Ê√≈±± CE± Ó- CE”√√1nΠ±” ðÁÁ√º -Ú1ºÓ-«œ?√”...Ó- -i, ðLÀ, Ú±1 >%º-1Ö” ~?√0Úflj±” ð, 7ijii fljflj Δ” ±À”√√º, 7ijii Áflj %º-±1nΠ?√M√√√” ð ð?√-ÚÁ-î-±± ±-i≈ð” Δflj, ≈±«ì” ±-GÀÈ-± -i, ðLÀ, Ú±flj ð?√-íÖ” ð-%º-±1º -i, ðLÀ, Ú±” ð CE, “ð” -flj±1ð±0Ú ~?√0Úflj±flj ð-Úg±” ð ð?√Á” ±1nΠ -Ú01ºœÓ-± Ú±0” flj±1+À-Ú, 7ijii flj1 “Ó- -Ú0í-”, ±” ð ð?√Á” ±1nΠ ðÚÁÊ√%º-±1nΠ?√M√√√1, 1Ö” ±-íÖ” ±Ê√≈”√√iº 4.5.3 ððflj1) ð”√√%º-±1nΠ?√M√√√” ±-±, 1jZ±1± 1ð%º-Ó- è%º-±1nΠ?√M√√√flj ±±Ú ððflj1) CE|œ1 1+-Úflj -i≈ð” CEflj±±±”√√”,º è%º-±1nΠ?√M√√√i çΔLø±ÚÓ- ððflj111 “é-ì, ~”√√ -Ú01”ðé-Ó- “√√”,º ððflj111 “é-ì” Ú≈, ð1 %º-±1nΠ?√M√√√1 flj±0”√√ÚœÀÈ-± fljð-í1 ðÚÊ√1, ‘ð0Úº” ÁÓ- “ð”, ±1 ð-í-Π” “~”√√, •Ú”ì«1+À-Ú CE” Áðfljfljº 1, “~”√√1 ð-Ó-1Ó- “-±1 1, ððflj111 ~” -i± “-œ 1,º %º-±1nΠ?√M√√√Á1± ~” 1, Δ”√√ÁÁ√” -±1º ððflj111 Ú±”, fljÊ√Ú “√√i-” ±À” ð-íð, “±Ó-...” Ó-í-± -í0ífljº CE, “ð” Ú≈, ð1 è%º-±1nΠ?√M√√√1 Ú±”, flj %º-±1nΠ?√M√√√ Δ”√√ÁÁ√ ±1±fljœ -íÊ±pì) CE” ±flj “±1nΠ” ÁÓ- CEÓ-” -í”ðM√√√Ó- ±1±fljœ -í0íflj “±0Á√”º ððflj111 Ú±”, flj1 ¶§1+-Ú “Ú≈, ð1 %º-±1nΠ?√M√√√” ±0Á√” ±1±fljœ Óœ1ðð” ±ðLflj Ú±”, fljº CEflj±ÁÚ± CEflj±ÁÚ± ððflj1)Ó- ?≈√-1±fljœ Ú±0”, flj± Ó±0flj-í -Ú±Á1 -i≈ð” ~-flj±1 ±¶aÓ- ð?√” ± Δ”√√ÁÁ√º ±1±fljœ ðflj± ±Ú-1±fljœ fl±j Ê√√±º CE, “ð” Ú≈, ð1 è%º-±1nΠ?√M√√√iÓ- -i, ðL CE, Ú± Δ”√√ÁÁ√ ðflj± -i± CE -i... ± ±1nΠ %º-±1nΠ?√M√√√1 -ÚPœ-1±fljœ fl±j Ê√±º ±ÁÚ?√Á1 ððflj1)Ó- Ó±0flj-í ± “é-ì, ~”√√ %º-±1nΠ?√M√√√Ó- Óflj±ÀÈ-± -Ú01”ðé-Ó- “√√”,º 4.5.4 è%º-±1nΠ?√M√√√i ððflj111 ~”... ±” Ú”√√±fljð-í ±-±, 1jZ±1± 1ð%º-Ó- è%º-±1nΠ?√M√√√i Δ”√√ÁÁ√ %º-±1ºÈ-± “-flj ð-í0” ©Ú ±±Ú ððflj1) ððflj1) ð”√√%º-±1nΠ?√M√√√1 Δ”√√ÁÁ√ ±” ððflj111 ~±... 1,º ðfljç ‘Ú...±Ú... 1, “~”√√Á1±” ð”, ±Ó- ððÁ”, ±, ðÈ-ÁÁ√º Ó-±1 ð-Ó-1Ó- flj1nΠì 1, ‘æ±ÚÓ- 1, “√√±, ...1, ±0?√Á”, “ð ðð0±Úº” -flj±11 ððÁ”, ±1 CEé-SÓ- î0-Ú± ±, 1+-Úflj, î0-»Áððé-±, ‘Ú≈ ±Ú, flj±-i... ð-”, ‘ðÓ- À”, ±0Mè “±0?√ î0-À~±À” ±...º” ð”, ±Á1 ðð0” -fljÓ- 1±Ê√” ±«1 ðð?√œ-Ú ¶§1+-Ú î0-ð?√Ó- %º-f1 qw 10ù” 1jZ±1±, ‘gflj±11 ~±Ê√Ó- CE”√√±± ±À” ±flj1 -í-Π«ìflj -Ú-flj -i± CE-í±flj±Ó- ðÚ-Ú0Ó-Ó- é-œ1Ó±1±1 “Ó- Ó≈” Ú± flj1± Δ”√√ÁÁ√ ±1nΠ “ð”, ±flj î0-Ú± ± ±1nΠ 1+-Úflj “-flj±11jZ±1±, ≈μ1” ±±º î0-Ú-Ú¶0±-ÚÚ flj±1 Δ”√√ÁÁ√º ±” ððflj1)Ó- Úœ0Ó- -Úœ0Ó-, flj±1nΠì...”√√±, ..., ?√±01º-ðð±%º≈” «ñ±” ð”, “~”√√1 ±flj “-Ú-”-i, “î§”, ðÈ-ÁÁ√º 4.6 ~”√√±fljð-í “^flj1 ~2Á√fljðÈ-flj f 4.6.1 ~”√√±fljð-í “^flj1 -Ú01%º-”, -¶¥0Ó- ððflj1), “~”√√1 ð-Ó-1Ó- ð-í0” -í-Π” ±±º î0-À~±À” ±... ±±Ú ððflj1) Δ”√√ÁÁ√ ~2Á√fljðÈ-flj fº” ð”, ±1 1%º-flj Δ”√√ÁÁ√ “^fljº ±” ð” ^flj ±0Á√” ððfljÓ-ÁÓ- ±Ê√Ú 1Ê√±º, -¶¥0Ó-

±0”√√Ó-...1 ð-í0” -íB çΔLøÓ- ±” ð 1Ê√±” ^flj1 ð-í-ΠÀ”, CE-Ú±±± ±”ºº CE”
ÁÚñflj±?√¶§1œ, “√√-Π«ì%º-ð0Ó-, fljÓ±, ð1», ±1, CE-íÓ-± -Ú=ð-í- ðÓ- 1±Ê√Ó-1-ð-Úœ ±0?√º ~2Á√fljðÈ-fljçΔLø1 ðð0¶±±ÚÓ- “ð”, ±1 1%º-ð”, Ó-± “^flj1 -Ú01%º-”, ð-í?√” ±±º ð?√”, ± Δ”√√ÁÁ√º Ó-±Ó- î0-À~± flj±1 Δ”√√ÁÁ√ CE” “^flj1 ±0Á√” ·Ê√±±Ê√1 ?√Á1 ·ðÓ-º CEÓ-”1 ~±±-í- -i -Ú”ì«%º-f, ?√”º “Á” -Π -Ú1±Sè”œ ±” ð 1Ê√±” ^flj1 -Ú01, œ” fljð-íQ” ðMè1” ð0flj±1œ ±0Á√º ÿ-ÁÇ”?,√ ±-Á-í?√” ±0?√1 î0-Ú01” ·ðí0- ±¶a, flj± ~±¶a, “√ð¶œ0-í?√... ± ±0?√Ó- CEÓ-” -i≈...»-Ú0M√√√ ‘Ê√«Ú fljð10Á√”º ± -íÁ√1 ?√”√√0?√Ú Ê√œ±Ú -Ú±1 flj01 “^flj1 ~Ó≈... ~±Ó- -Ú010Á√º 4.6.2 ~2Á√fljðÈ-flj1 flj±0”√√Úœ ±-± ~2Á√fljðÈ-flj f Ú±1 ððflj1) çΔLø±Ú ?√”√Ê√±-± -flj ð-í0” ©Úº” ð”, ±1 Ú±”, fljÊ√Ú1 Ú±” Δ”√√ÁÁ√ %º-±1nΠ?√M√√√ ±1nΠ?≈√-1±fljœ Ú±0”, flj± SèÀ” %º-±1nΠ?√M√√√1 -ÚPœ Ó”Ó-± ±1nΠ ·ðflj± -i, ðLÀ, Ú±º, ±Ó«-í±”√√ %º-±1nΠ?√M√√√ ±1nΠ ·ðflj±-i, ðLÀ, Ú±1 ðð”, flj±0”√√Úœflj î0-ÚÊ√œ-í... flj01 ±” ð ððflj1)±1 1%º-Ú± flj±1 Δ”√√0Á√º ±” ð ððflj111 ðð0” -flj1 ±1y0íÁÓ- ð-í?√-ΠÀflj %º-±1nΠ?√M√√√1 “√√Ö” ±”,º ð-í?√-Πflj ±1nΠ %º-±1nΠ?√M√√√1 ±Ê√Ó- ?√±01º, •ÚÁflj« ðfljÀ≈√?œ.«œ ± ±À ±%º-Ú±”√√”,º %º-±1nΠ?√M√√√” ð flj”, CE” ÓÚ CEÚ±Á”√√±± flj±1Àì CEÓ-”1 CEflj±ÁÚ± ≈±± Ú±”º ðfljç ?√01º ±flj1 ðð0Ó- CE” ±Ú±”√√1 CE¶B”√√1 ±-í-Ú±” ðfljœ”, ± Δ”√√ ±”, CE, “ð fljÓ±” ðÁ”√√ CEÓ-”flj CE-í0Á√?≈√±0?√Á”,º “ðÚ-±À” 1±0¶±Ó- CE?√±± ±”, CE” flj±1 Ú±” 11Ê√±1 ±±~ ±0”Á”, Áflj -í0í±-íœÈ- ±1nΠ “-Ó-... ±Ê√Ú1” Ó- -i, ðLÀ, Ú±1 ð-ÚÁÁ√ ð-ÚÁÁ√ CE?√Á01 ±0Á√º -i, ðLÀ, Ú±” ð “ÁÓ- %º-±1?√M√√√1 “√√Ó- ÚÊ√Ú±Öflj ððÁº flj01Á”º ‘gflj±1Ó- ð%º-ðÚ-í CEÚ±±±01 flj±Á1 -i, ðLÀ, Ú± -i≈ð” %º-±1nΠ?√M√√√1 ?√±, œ 1?√0Úflj±flj ð01 CE-Ú ±”,º ðfljç “Ó- Óflj± ð-í?√-ΠÀflj flj±1 ±1nΠ Ó-±1, -œ?≈ÊÊ√Úflj “»», Ú± flj01 CE±0?√-Ú0í-”, ±”,º “ðÚ-±À” -i, ðLÀ, Ú±” ð %º-±1nΠ?√M√√√1, 1Ó- CEÓ-”1 “-flj±1, ~”√√ 1±À± ±ÁÓ-?≈√0Ú CE” ±flj1 -Ú1±, ≈1ðé-Ó- Δ”√√ Ó±0flj-í -Ú±Á1º” ð”, ±1 ððfljÓ- î0-ÁV”... ±0Á√” ±ÁÓ- CEÓ-” %º-±1nΠ?√M√√√1 “Ó- -Ú≈Ú1 CE” ±±À ± ±1±0±-í -Ú±Á1º ðjZÓ-œ”, -fljÓ- -i, ðLÀ, Ú±” ð?√±, œ ~?√0Úflj±1 “Ó- fljÓ±-í-í0-1± Δflj Ó±Áflj ±1nΠ %º-±1nΠ?√M√√√1 ðð0Ó- Óflj± CEÓ-”1 ðð”, 1 ±-í-í ððflj± fljÀ1º” ð”, ±1 ð-ÚÁ√Ó- CE?√±± ±”, CE”, -í-±”√√flj Ú±” 1 ±Ê√Ú Ê√≈±±1œÀ”, Ê√≈±±±Á” Ó- -Ú1±0Ê√Ó- Δ”√√ ÓÚ ð?√-í -Ú1± Ú±0Á√º Ó-±1-í-Á-í ±R1é-±1 -í-Á-í ð, ‘±0”√√ -i, ðLÀ, Ú±1 “√√Ó- ððÁº fljÀ1º -i, ðLÀ, Ú±” ð CEÓ-ðÓ-”, ± CEÓ-”1 ±-” -flj±1, ~”√√ ð?√ Ê√≈±±1œÊÊ√Úflj ÿ-í~Mè fljÀ1º” ð”, ±1 ð-ÚÁ√Ó-, -í-±”√√flj Ú±” 1 Ê√≈±±1œÊÊ√Ú CE-íÁX0”« çð”√√ fljÀ1º Ó-Ó-œ”, -fljÓ- ð-í«” flj Ú±” 1 CE%º-±1 ±Ê√Ú %º-±1nΠ?√M√√√1, 1Ó- CE, ± ±”,º %º-±1nΠ?√M√√√1, 11 -Ú1±” ð-í«” Áflj -i, ðLÀ, Ú±” ð 1±0± ΔÓ CE” ±±±-” -flj±1Á-í-í1 %º≈-1 flj01 Δ” ±”,º ððfljÓ-ÁÓ- ð-í«” flj1 %º≈-1 flj1±1 flj±1ÀÈ-± Δ”√√ÁÁ√ ±ÁÓ- -i, ðLÀ, Ú±1 ?√±, œ ~?√0Úflj±flj ?√±, Q1-Ú1± CE” ±flj ±-í-Ú±Á1 ±1nΠ ð-í-±”√√ flj01-í -Ú±Á1º

‘, ±0±1º “ ¢ ”, ±1 Î0-Ú01? ≈√@Üðfl;ÿ0-1 è` flj±1í1 %-ø1SÀÈ-±flj ‘ø0- ‘±À ±?√È√Úflj 1+-Ú0- , È√± “ ¢ ” CE0-± ±
Δ √√ÁÁ√º ~ 2Á√fl;ÿÈ-±flj ‘0- ø-Ú ±, -Ú0- Òflj± -Ú CEù±±flj ‘òL ≈-«Mè flj±1 Δ √√ÁÁ√º ¢ ” ¢ CEù±±flj, “ ” √√
-ÚÁÁflj ‘È-± ±, -æ1 ‘0«-Ú √√ ‘ ±1nπ Úceø0-Ú-±flj... , •ÿø 0-º ~ ±Ú≈À √√ “ ¢ ” È√ÁÚ ø, È√Ú1 ‘.0- Ò±øflj-Ú ± ±òLø1flj
, •Úflj«1 -Ú01ªÁ0-« CE ‘ -Ú±ø0«ª ø-Ú ±, 1 øðø0-À √√ CE-ÚøÁ√ ‘ ±, Mè “ √√ ”, CE, “ ¢ ” flj0± , ≈μ1 -±±Àª ¢ ” ¢ øðflj10-
øðø0-Ú-ø 0-Δ √√ÁÁ√º “ ¢ ”, ±0- CEflj±ª ± Δ √√ÁÁ√ CE ‘ ±±ø1^ ¢ ” ±Ú≈ √√1 ± È√1 CEÿß √√1 -ÚÚ ø ‘ ø0 flj01
CE0-±À ¢ ” ¢ ¢ øðflj11 ≈±... 1, ‘ -±1º “ ¢ ” ... “ ¢ ”, ±0- ‘Ú...±Ú... -1, “ ” √√Á1± -Ú01ÿf≈-1, øÈ-ÁÁ√º CE ‘ ÀÚñ √√±, ...,
flj1nπ, -Úce “ ¢ ”, ±ø?√º ~ 2Á√fl;ÿÈ-±flj f çðL00- CE, “ ¢ ”, “ ”, 1, ± È√ -Ú...ªÿ0±1 ¢ È-±, ≈μ1 ‘ ± ±, CE-Ú±ª ± ±, ¢ -Ú«ª...
ªÿ0± CE, “ ¢ ”, “ ”, 0-, •Ú”i« ÿÿcefl’;0- ±øÁ√ ‘ ±1nπ -ÚÈ±pì, flj flj ‘ø0- Î0-2%- ÿÿ0±Ú ø?√ ‘, ± Δ √√øÁ√º CE, “ ¢ ”, “ ”, 0-
-Ú±øÈÈ√... -Ú...ªÿ0± ‘ø0- ‘, Î0-Ú0- ±øÁ√ ‘ ±1nπ -Ú? “ √1-? “ √101 ÿÿ0±Ú0 “ øð, ±1 ± - flj01øÁ√º È√≈ª±Àª, ?√±, Q
øð0± ±ø?√1 ‘.À0- ø-ø0 -Úß 0±ø «flj flj± «... ±1nπ Î0-», ¢ 0-Ú ± - flj01øÁ√º È√≈ª±Àª, ?√±, Q
± È√0- CE, “ ¢ ”, À-Ú±1 øð%- Ú, •ÚÁflj« Î0- ±Ú -Ú±Ú -Ú±ø1º 4.7 “ √√±flj0-Ú -ª “ -ø0-1 ± 0-æ ±0ª 4.71
“ √√±flj0-Ú -ª “ -ø0-1 -Ú01%- “ ± 0-æ ±0ª1 1%-flj -ª “ -ø0-Δ √√ÁÁ√, -ÿÿ00- Ú±È... ±ø √√0-...0-
ª-1±flj0e Î0-À-ª± ±... Ú±È...flj±1º -ÚÁ0-± -Ú0G0-1 ~ À0-, flj±ø?√±, 1 ø-ÚÁ√Á0- “ ¢ ”, -ÿÿ00- Ú±È...È√0-0-
CE0-» ÿÿ0±Ú ± - fljÁ1º -ª “ -ø0- ±øÁ√ “ √√±1±@ÜTM1 ø-Ú?√ “ -«1 ‘òL-0- -ÚΩ-Ú≈11 øÚª±, ¢ ” CE0-» 1 ø-Ú0-1
øðflj0- Ú± ± ±øÁ√ Úce fljF ‘ ±1nπ ±0-1 Ú± ± ±øÁ√ È√±0≈-flj| ¢ ” | ¢ fljF Úce fljF ‘ ±øÁ√ -ª “ -ø0-1 øðflj0-
Ú± ± -Ú Ú0-0... øð ±11 >-Ú10- øÚ -«1 flj01 CE-Ú±ª ± Δ √√ÁÁ√ CE ‘ -ª “ -ø0- ‘0Ú “ ø0-flj±1 ¢ ±1±flj0e flj0-º
-ª “ -ø0-ª-1±flj0e ‘0-...òL : ±Úce CE ± flj ±øÁ√º CE-Ú?√, Î0-Ú0Ú ±?√, ?√ «Ú, Úceø0- ±ÿa, ‘0« ±ÿa, -Ú≈1±, “ -
flj±1 ±ÿa, Á√μ ±ÿa ±ø?√, fljÁ ± ±ÿaÀ0- CE0-» -Ú≈...»-Ú0M√√ ± - flj01øÁ√º -ª “ -ø0-À, ?≈√±Ú Ú±È-flj ‘ ±1nπ
ª±Ú øðflj1 1%-Ú± flj01øÁ√º -ª “ -ø0-1;Z±1 1ø%-0- Ú±È-flj ≈√±Ú Δ √√ÁÁ√ Î0-M√√√1 ± %-ø10- ±1nπ
“ √√±-Úce1 %-ø10- ±1nπ øðflj1±Ú Δ √√ÁÁ√ ± 0-æ ±0ª ¢ ” ± 0-æ ±0ª flj -ª “ -ø0-1 øjZ0-æ, Ú±È...
flj0-1+À-Ú 0± “ √√ ”, ¢ CE0-» 1;Z±1 1ø%-0- øð0 Ú±È-flj Δ √√ÁÁ√ “ √√±-Úce1 %-ø10-º 4.72 ± 0-æ ±0ª1
flj±ø √√Úce -± “ -ø1ª, ≈ ±øÁ√ -ÚΩ±ª0-æ 1±È√...1 ~ Laceº CE0-» -Ú ±...flj± 0-ø-Ú?√ “ -« 1È√±1 ~ Lace CE?√ª1±0-1
0-ª ±Áflj À· ø1nπfl≈ 0-ø é-± ± - flj01øÁ√º CE, “ ¢ ”, À0- CE0-» À ±Áflj
ø0flj flj01øÁ√º CE ‘ -øª ±...À0- CE0-» À ±Áflj í1±-CEÁ√ª± ±æ1 ± È√0- CE0-» À ±Áflj Δ-ª±ø √√flj , •ÿø ÿÿ0±-ÚÚ
flj01-º ¢ ” ¢ flj0± flj± ± flj0e1 Î0-Ú0ÿøø0-0-Δ √√øÁ√º ~ ±0ª1 ø-Ú0- CE?√ª1±0- “ ±0ª flj fl≈j0GÚ-Ú≈11-Ú1±
-ÚΩ±ª0-æ0 “ ø é-± ± -1 -Ú±-Ú-Úø1- , ± ±øÁ√º “ øø-ÚÁÚ -ÚΩ±ª0-æ1 1È√± “ ¢ CE0-» 1, -æ ÚμÚ0
± 0-æflj ø-Ú, ± ø?√-Ú ø-Ú%-±ø1øÁ√º ±Ú √√±À0- flj± ± flj0eÀ, ± 0-æ ±1nπ ±0ª1 ø-Ú, ±1 -Ú±-Ú CE%-@Ú±
flj01-Ú 0ø1À ¢ ” ¢, ±1 Î0-Ú01 flj± ± flj0eÀ, -Ú≈X1øé-0-±flj ÚμÚ1 -çÚce ?√, øðLflj± “ ¢ ” ±À0- ±0ª1 -Úÿ≈±
~ flj1μ1 øðø0- ± flj0Ú √√, 0-±1 -Ú±-Ú ±À?√ flj01À ¢ ” ± 0-æ1 CE?√Î0-0-±flj -ø1-Ú, ≈À, 1È√±flj flj0± ø?√À “ CE
CE0-» ± 0-æflj ÚμÚ1 0-ø-Ú, ± ø?√-Ú ± 0-æÀ, > ø-Ú0-1 ø-Ú1nπX±%-1 flj01-Ú ø-Ú%-1± Ú±øÁ√º øfljç
flj± ± flj0eÀ, ± 0-æflj-Ú≈È√± “ øøÁ√ ‘ ±1nπ ±0ª1 -Ú ø ±Ú±flj0e0-«Ú flj01øÁ√º .À0- ± 0-æ1 ø-Ú0-1
flj± «...0-, Àμ √√1 -±-Ú È√±çð0- flj01øÁ√º “ ¢ ”, ±1 ø-ÚÁ√0- CE?√± ± · ¢ È-± -Ú±À, ~?√, øðLflj± flj ±Sè “ flj01ÁÁ√º
~ flj1μ “ ¢ ”?√, øðLflj± flj -Ú±, 1 flj-Ú 1-Ú1± 1é-± flj01À “ ø?√ -Ú±, ÀÈ-±Àª flj1μ flj ±Sè “ flj01À ‘ ±1nπ flj1μ ‘À%-0-Ú
Δ √√ : í “ ¢ ” ... ±À √√ ±À √√ -Ú≈Ú1 CE%-0-Ú±, “ ± “ ¢ ” -Ú±À ¢ ” CE, “ ¢ ”, À0- ¢ È√Ú -Ú±0-«±Ú± √√ÁÁflj ¢ ” ¢ flj0±
ª-0- flj1±À “ CE 1È√± “ ¢ ” ± 0-æflj øÚÁÈ√ “ ¢ ”?√, øðLflj±1 flj flj±À, flj ÚμÚ flj ± 0-æ1 ø-Ú0-1, jø0- , ±À-ÚÁé- øð?
√±Ú flj01ÁÁ√º ¢ ” ¢ -Ú±0-«±ÀÈ-±Àª ± 0-æ ±1nπ ±0ª1 Î0-Ú- , Áflj √√0-± ± flj01À ¢ ” ±0ª “ √√0-± ± çðøÿ Δ √√
ù ±Ú0- Ú1 ±-√√, ø-ÚSèce flj01-Ú0 “ øÿ01 flj01À ¢ ” ±0ª “ ù ±Ú0- Òflj±, “ ”, 0- ¢ ø?√Ú ¢ È-± Ú±1ce fljF1 ±0-«Ú±?
√ çðÚ-Ú0 -Ú±À ¢ ” ±0ª “ À· À· ø%-ªÚ1ÁÈ-± Ú≈, 1 flj01 Δ flj1± ±À?√ªce1 øμ1 -Ú±À ¢ ” 0-±0- CE0-» CE?√ø±À
CE ‘ À, ±1, •È- ±1nπ flj-Ú± fl≈jG ± “ ¢ ” ± 0-æflj flj1± ± CE?√ªce1 %-ø10- -Ú« flj01-Ú0 Δ ÁÁ√º ~ ±0ª “ ± 0-æflj
Î0-X±1 flj01 ‘À, ±1, •È-1 0- ≈X0- ø 5 “ √√ ”º ‘À, ±1, •È-flj øÚ0Ú flj1± -Ú±-Ú flj-Ú± fl≈jG ± ±0ª1 >-Ú10- ‘À0@Ú
CEsè±0±øÿ0- √√º ¢ ÁÚ, “ ”, À0- ¢ øÈ- CE, ± ± flj± qÚ± · í CE “ ± 0-æ1 ø-Ú± ± √√ ‘Ú≈øá-0- flj1± Δ √√ÁÁ√ ‘ ±1nπ
CE0-» 1 ±0-1;Z±1 ± ±À?√ flj1± Δ √√ÁÁ√ CE “ ± 0-æ Ú·11 CE?√ª0-±1 øμ10 “ ø-Ú, Æø-ÚÚ ± Ú1 -Ú±-Ú ±-Ú ±Àº
flj-Ú± fl≈jG ± “ ¢ ” À· À· Ú øÿ01 flj01À “ CE CE0-» ¢ ” ¢, “ ”, À0- “ ¢ ” ±0ª flj ‘Ú...±, flj01-º ± 0-æÀ, CE0-» 1, -æ
ªøflj±1 0-Ú øμ10 Δ øÁ√º ~ ± 0-æÀ, ¢ øflj± flj ±0ª1 øðø0- Òflj± CE0-» 1 øðl, -ªª1 flj0± -Ú...Mè flj01À
‘ ±1nπ øÚÈ√1 È√ceªÚÁÈ-± CE ± flj01 ø?√-Ú0 ø-Ú%-±ø1À ¢ ” CE, “ ¢ ”, “ ”, 0- ±0ª ±1nπ flj1μ√√ øμ11 ø-0-1À0-
‘ ±øÁ√º ¢ øflj±1 “ ¢ -ø0-0- ±0ª CE, “ ¢ ” ÿÿ0±Ú0 “ ±ø √√øÁ√º ¢ øflj± ±1nπ flj1μ “ ¢ ” ± 0-æ ±1nπ ±0ª flj
±g-Ú «ø-Ú± √√ flj01-Ú0 -Ú1± “ ø?√À ¢ øfljç ± 0-æÀ, CE, “ ¢ ”, ± ±øÚ Ú íÀ ¢ CE, “ ¢ ”, “ ”, 0- 0-±0- flj± ± flj0e
Î0-Ú0ÿøø0-Δ √√ flj1μ flj ± 0-æ1, ± È√ ø-ÚøG ÚμÚ1 0-ø-Ú, ±0-Ú ø √√-Ú0 fljÁ ‘ ±1nπ ± 0-æ ±1nπ
±0ª flj Î0-Ú?√...±Ú0 -Úø1- , ±À ¢ ” øø0-À0... CE, “ ¢ ” Î0-Ú?√...±Ú0-ª ± ±øflj0-± “ ¢ CE0-» À ± flj1 ø-Ú± ± √√1 -Ú±-Ú-Ú...
ªÿ0± flj01 1±ø±øÁ√º ± 0-æ1 CE-Ú 0-Ú ÚμÚ1 0-Ú ~ flj1μ1 ø-Ú± ± √√, •Ú±?√Ú CE “ √√ª±1 -ÚM√√±òL 7 “ -flj0-

'±R~" ...±' , Ú ðàùù 1° %~•Ú"flj±ª...1 Î-ðæª1 >-Ú1Ó- ðøÈ- ÆÈ-±flj± ø' ±± Ì-ðM√/1-

2° Ú ~%~•Ú"1 >-Ú1Ó- ðøÈ- ÆÈ-±flj± ø' ±±

5.5 %~•Ú"1 Sē ~ø-ri flj± 5.5.1 Æ, ±~À?√ª, "ø11

ē , øð¶ flj%~•Ú"i Æ, ±~À?√ª -ri ± Æ, ±~øð^ , "ø11 ?≈√#Ú ÇðLö Î-ð-Ú t "√√ , -- ē , øð¶ flj%~•Ú"i ±1nΠ

ēÚœøÓ-ri ± flj...± ~'Ó-ri ē , øð¶ fljiflj ē , À ±01 ~"√/±1±É√%~ø1Ó-ri ≈ø > É√Ú± ± , ° Æ flj Æ?√ª, - Ú± ~1 ΔÉ√Ú

, •x?√± , 1 ~øÚ ±øÁ√° ° »" ÆÚø ~À?√ª1 ø ~Π... ±øÁ√° ° »" è, ...±?√-ri±?√±%~ø , - "√/√, èÓ-±øfl«iflj%~•SēªÓ-πi, è-ri±?

√æ^ -ri Ú=±ÚÚi, è-ri±!-À ± -ri ÚÀ , ±øÚøÓi ±1nΠ èfljøªfl± 1±É√i øð^ -ri Ó-ri Î-ð-Ú±øÒÀ1 ø-ri ~"ø~ΠÓ-ri ±øÁ√°

Æ, ±~À?√ªª 959 †. 1 %~•Ú-ri Ó-ri ~"√/√ ?√Ú SÀ , ±?√√ œ øÓ-øÓÓ-ri ē , øð¶ flj%~•Ú"i Ú± ~1 çðLö±øÚ 1%~•Ú± flj±ø1øÁ√

-ri ≈ø É√Ú± ± , ° »" %~•Ú± ≈flj...1±É√ øjZÓ-œ , 'ø1Àflj ø11 -ri ≈S Ó-ri ± Ó-ri -ri œ , 'ø1Àflj ø11 ø-ri ÚÓ-ri ~-ri À?√ªª

1±É√Qflj± Ó-ri ±"ø√ çðLö 1%~•Ú± flj±ø1øÁ√° ΔÉ√Ú ÚœøÓ-ri ±1nΠ ~Ó-ri ±?√?√±ø,√√ Òø1-ri Ò ÆÓ-ri ±"ø√ çðLö

1%~•Ú± fljA1ª ±"ø√ çðLö±Ú ±Í-È-ri ± Î-ð26√fª±, Ó-ri 1ø%~•Ú-ri ΔÉ√Ú -ri ≈1±|Ó-ri øðø, X 1É√± , À ±011 %~•Ú1S

"ø√√ , ±Ó-ri ø-ri ø¶±1-ri ~ri «flj ?√±ø,√√ Ò1± Δ"√VÀÁ√° flj±ª...±øÚ1 'øðL

øÓ-øÚÈ-ri ± Î-ð26√fª±, Ó-ri ΔÉ√Ú Ò «1 ø, X±øL, ~"√/√ ø-ri ø¶Ó-ri ø-riª1 Æ-ri Ú±± ± ± , ° çðLö±øÚÓ-ri Æ, "ø√√ ~-ri Ú±Ú±Ú

Ò±ø «flj, ±øÒ«flj ±1nΠ , ± ±øÉ√flj ø-ri Π , ~"√/√ ø-riª1 Î-ð-Ú t ø ±"ø√ çðLö±Ú ÚœøÓ-ri flj±0±1 ~-ri ± ± »-ri ø ±øÚÓ

, ≈-ri g≈ ±1nΠ -ri ±| -ri A1 øð^ -ri ± -ri Úø1 øé-ri ~"√√ , ° 5.5.2 "√/ø1(f1 èÉ√œªg1 %~•Ú"i "√/ø1(f1 jZ±1± ø-ri 1ø%~•Ú-ri

èÉ√œªg1 %~•Ú"i ΔÉ√Ú ÚœøÓ-ri , øø Ó-ri 'Ú... flj %~•Ú"i flj±-ri... ±"ø√ çðLö1 1%~•Ú±1 , ~" , 900 †. 1 ø-ri ÚÁ√1 -ri ≈ø Í-ri ±ª1

flj± Δ"√VÀÁ√° É√œªflj É√œªg1 Δ"√VÀÁ√° ±"ø√ %~•Ú"i Ú± , flj± 5.5.3 Æ -ri ±É√1 è1± ± , Ì%~•Ú"i -ri

Ú1 ~±1 -ri -ri œ Ò±1±1 'øÓ-ri ÚøÓ-ri Æ -ri ±É√1 jZ±1± ø-ri 1ø%~•Ú-ri è1± ± , Ì%~•Ú"i flj 'øÓ-ri É√Úøð , %~•Ú"i flj±-ri... °

1± ± , Ì1 flj±0±1 ±0±1Ó-ri 1ø%~•Ú-ri ±"ø√ flj±ª...±øÚ 1É√± Æ -ri ±ÀÉ√ øflj±ø±g±flj±GÖ ÁfljÀ "√ 1%~•Ú± flj±1± -ri

≈ø É√Ú± ± , ° -ri Ú1ªÓ-ri œ flj± Ó-ri Ñi -ri À ±"ø√ ≈Xflj±G1 ±1nΠ Æª-flj±-ri ±ÀÉ√ Î-ðM√/1 flj±G1 1%~•Ú± flj±ø1 flj±ª...øÚ

, •Ú"i « fljA1ª ±"ø√ , ±Ó-ri øð± , fljA ±À-ri ±1 Á√μ1 øðÀ , ± flj±1 Δ"√VÀÁ√° -ri Ú?√... , ~"√/√ , 1 Δ-ri ±?√-ri π1œøÓ-ri

1ø%~•Ú-ri ±Ú"√±ÁÓ-ri ?√... ' -ri ?√œ,« , ~± , -ri Ú ° 5.5.4 'ø -ri Úª flj±ø?√±, 1 è -ri ±ªÓ-ri %~•Ú"i 'ø -ri Úª flj±ø?√± ,

Î-ð-Ú±øÓ-ri ± Á√ΩÚ±Á Á1 Æ flj±ÁÚ± :±Ó-ri flj±-ri À , øð± , †. 1050 Ò è -ri ±ªÓ-ri %~•Ú"i Ú± ~1 flj±ª... 1%~•Ú

Ú± fljA1ª ±"ø√ flj±ª...±øÚ Á√È-ri ± Î-ð26√fª±, Ó-ri ø-ri -ri Mè√° 5.5.5

Æ, ±±f-ri ± 1 èi-ø?√ , ≈μ1œ flj±0±i Æ, ±±f-ri -ri À ± flj±±?√' øÓ-flj±Ó-ri èi-ø?√ , ≈μ1œ flj±0±i Ú±Á Á1 flj %~•Ú"i flj±ª... 1%~•Ú± fljA1ª ±"ø√ flj±ª...±øÚ1 flj±ø"√√œ^ -ri ± Ú± -ri ± flj± flj±ªª1œ Î-ð?√' , ≈μ1œ ±1nΠ flj± ±1 ~" , -ri ±"√√Ú1

ø-ri -ri ±"√√flj Æ flj± flj±ø1 -ri Δ Î-ðøÍ-ri ÀÁ√° 5.5.6 'ÚðL -ri A1 è -ri ±1Ó-ri %~•Ú"i 'ÚðL -ri A Δ"√VÀÁ√° 'ø -ri Úª flj±ø?√±, 1

, ~ flj± œÚ° Æ flj±ÁÚ± Æ flj±ÁÚ±Áª ø-ri ÚÀÁ√° »" flj

'ø -ri Úª flj±ø?√±, 1 -ri Ú1ªÓ-ri π -ri ≈ø flj±-ri Æ±±ÀÉ√° 'ÚðL -ri A flj è -ri ±1Ó-ri %~•Ú"i 1%~•Ú-ri flj 'ø -ri Úª flj±ø?√±, 1 'Ú...Ó-ri

øðøÓ-ri ¶ÚÓ-ri -ri ≈ø É√Ú± ± , ° 'ø -ri Úª flj±ø?√±, 1 flj±ª...±øÚ flj Ó-ri Æ-ri Ú± -ri Ò Á flj 'ÚðL -ri A ±"ø√ ± flj Ú± ~1 flj±ª... 1%~•Ú± flj±1± -ri ø Æ flj±ª± "√√ , ° 'ÚðL -ri A1ø%~•Ú-ri è -ri ±1Ó-ri %~•Ú"i Ó-ri ~"√/√ -ri ±1Ó-ri flj±ø"√√œ¹ , ±1± -ri jZ±?√

ø¶ªflj±Ó-ri -ri ÚøÍ-ri -ri Ò Æ-ri Ú±ª± ± ± , ° ÆÓ-ri ±1 s -ri ±G±1 'øÓ-ri ~"√/√œ¹ ÆÓ-ri ±1 flj±ª...±øÚÓ-ri ÀÚ flj -ri flj±1 Ó-ri ±

Á√μ1 øðÀ , ± Æ?√ø±-ri Ò Æ-ri Ú±ª± ± ± , ° 5.5.7 ø%~•Ú-ri ±±ø¶11 è-ri Ú=flj ...±|%~•Ú"i è1±, ±-ri Ú±Gª ±?√ªœ , í Ú± ~1 flj±ª... 1%~•Ú± 1%~•Ú± flj±ø1 flj±œøÓ-ri 'È«√Ú flj±1 flj±ø-ri %~•Ú-ri ±±ø¶11 jZ±1± ø-ri 1ø-ri Ò flj %~•Ú"i flj±ª... Δ"√VÀÁ√° è-ri Ú=flj ... ±|%~•Ú"i ±"ø√ flj±ª...Ó-ri

flj±-ri À , ^ -ri ±±Ú 1± , flj± -ri ù, ø-ri ≈ù, øª ±1nΠ ¶@μ1 ø-ri -ri ±"√/√ ±±±±Ú , ~"√/√ -ri «Ú± flj±ø1ÀÁ√° »" ø -ri øÉ√ , ± Ú.11 1É√± øðÒ Æ -ri ÇÈ-ri 1 [, ~" , 1586-1648 †.] -ri Ú'á-ri À-ri Ú± -ri flj±ø1øÁ√° ° »"1 'Ú... ±±Ú %~•Ú"i Δ"√VÀÁ√° è -ri ±ªÓ-ri %~•Ú"i -ri 5.5.8 ø Sø |1 è ±Úμfljμ%~•Ú"i ø Sø |"ø√ >12%~•Ú±1 1É√± -ri œ1ø, -ri "√VÀ?√ª1 [, ~" , 1605-1627 †.] -ri Ú'á-ri À-ri Ú± -ri flj±ø±Ó-ri è ±Úμfljμ%~•Ú"i 1%~•Ú± fljA1ª ±"ø√ flj±ª...Ó-ri 1%~•Ú-ri À flj ± flj± -ri ù -ri ± ... œ ±1 -ri Ì«Ú± flj±ø1ÀÁ√° 5.5.9 Úœ fljF ?√œøé-ri Ó-ri èÚœ fljFø-ri É√ , %~•Ú"i Úœ fljF ?√œøé-ri ÀÓ-ri 1637 †. Ó-ri èÚœ fljFø-ri É√ , %~•Ú"i flj±ª...±øÚ 1%~•Ú± fljA1ª ±"ø√ flj±ª...±øÚ -ri Ú± %~•Ú-ri -ri , «Ó-ri 1ø%~•Ú-ri ±"ø√ flj±ª...Ó-ri Æ?√ª±, ≈11 , ≈~ -ri LöÓÓ-ri øÚ. «Ó-ri Æ "√/±ª± "√/± ±"√/± ø-ri Π -ri øª1 jZ±1± -ri Ú±Ú flj±1± flj±ø"√√œ -ri ø«Ó-ri Δ"√VÀÁ√° 5.5.10 Æ-ri ÇÈ-ri ±Ò√1œ¹ èøªù 'Ø±?√' «%~•Ú"i Æ-ri ÇÈ-ri ±Ò√1œ¹ 'm' , ?√œøé-ri Ó-ri , ~ flj± œÚ ±øÁ√° ÆÓ-ri , 5?√' øÓ-ri flj±1 Æ -ri Π1Ú-ri ±À èøªù 'Ø±?√' «%~•Ú"i flj±ª...±øÚ 1%~•Ú± fljA1ª ±"ø√ flj±ª...Ó-ri flj±ø-ri À , ± flj± ±À «À1 ~Ú flj±1 ±≈É√Ú .gª«1 fljAÓ-ri -ri Úflj±ÓÚ1 ±±ÀÉ√À1 Ó-ri œÓ«¶±Ú , -ri øM√/±±ø?√1 ^ -ri ± ±1nΠ Æ-ri , ± ø?√ Á-ri ±1 ±?√±ø,√√ Òø1ÀÁ√° flj±ª...±øÚ -ri ÀÒÓÚ -ri ...Àe...±øMè√ ±1nΠ ±Úª-ri É√œªÚ1 , ~±À ±%~•Ú± Æ?√ø±-ri Ò Æ-ri Ú±ª± ± , ° 1%~•Ú± Ò œ , 1œøÓ-ri , Á√μ ±ø?√ , fljA ±Ú-ri ±1 -ri Ú1± ±"ø√ flj± Î-ðM√/1 flj±ª... 5.5.11 'Ú...±Ú... %~•Ú"i flj±ª... Î-ðMè√ %~•Ú"i flj±ª... , ~"√/√ -ri ±ø"√VÀ> ±1nΠ -ri ÚÀÓ-ri ± %~•Ú"i flj±ª... ±"ø√ , -ri ¶@Ó-ri , ±ø"√VÓ-ri... flj , ~X flj±ø1 ±±ø±ÀÁ√° Æ , "ø√VÀ-ri ±11 ø -ri Ó-ri Ó-ri Æ -ri Π ± flj± -ri ù1 è-ri Ú±ø1É√±Ó-ri "√/√1%~•Ú"

fljÔ±Ô± flj±ø"√√Uœ1 -iMêv± U±, flj U"√√, '±U -i...øMêvÀ"√√"√√, ° ±ÀU .?√...Ô-Í-±"ø√√À-À?√'±"«...± Â√μ,
-ifljfS -i±-î-U-ifljfS Â√μ1 CE °±fljA1±, ~±À" ,ÀÈ-° ±-ø flj CE °±flj1 jZ±1± fljÔ± ±1y flj1± "√√", ° "ø√√", ±Ô-?
≈√@ÛËÛflj øUμ± flj1± "√√", Ô-Ô±, 7j-Û1 øð -, ± flj1± "√√", ° fljÔ±, -¶'øÔ-Û± "ø√√-i±-î-Uw- Ô-1ø%-Ô-°
±ø"√√Ô-...?√-Û«ÍÔ- fljÔ±1 é-î ±ÀU?√A1 CE?√±± ±, ñ fljÔ±, -, 1, - i-d .ÖVÀ1-i ø-øUø"«Ô-° f°± \$jø%-?√S
^À-î?√± «± \$jø%-iZfljS±-î-ifljfSÄflj° ±À?√À -îÜÖVU«¶@±- ± ±À?√-î«M√√fljœÔ-î f°± [, ±ø"√√Ô-...?√-Û«],
-¶á- îÜø1A26√?√, CE °±flj- 332,333] ±U flj .?√...flj±-i... ±±...±ø", flj±1Ô- Û±, flj1 'ø-î:Ô-±'øÔ- "ÀU±çð±"√√œ
'±1nΠ, 1" 1+-îÜÔ- Í-î-îÜ¶ö±ø-îÜÔ- "√√", ° ±±...±ø", flj±1 flj±ø"√√Uœ ^-±-Ô- fljÛ...±"√√1, ø-îA26√?√ ±1nΠ Û±, flj1
Êv, ±-î-1 fljÔ±, ≈μ1Öflj -iø«Ô- "√√", ° ±±...±ø", flj±, -¶'øÔ-
Ô-1ø%-Ô-° ±±...±ø", flj±1 é-î, °ÿÀg ø-îü Û±Ö flj±ø-î1±ÀË√ Δflj
ÀÀ√ñ '±±...±ø", flj± fljÔ±-i», ...±ÇÀ±± ±U≈fljœÔ-î-U"°, ±±Û...flj-iœÛ±- % -i-M√√±-î?√...- \$jø%-Ô-f-!-ø%-»°
fljÔ±- ±U±- î...-îA26√?√'±Û ±, "ø√√Ô-î-î...ÀÔ-° ±"«±-ifljfS±Û-ifljfS±Û- Â√μ, ± CE Û CEfljUø%-»° Û...
±-ÛA?√A Û±Û ±, ≈À± ^-±-î...Ô«", "%-î-U" f° [, ±ø"√√Ô-...?√-Û«], -¶á- îÜø1A26√?√, CE±±flj- 334,335] ±ÀU flj
Ô± ±1nΠ ±±...±ø", flj±Ô- % -i±ø1 øðflj±11 .?√... -i...^"√√±1 "√√", ° CE, "ø√√", ~"√√ñ ~Mêvflj, -i-M√√øg,
Í-î«flj± flj±øð±, '±1nΠ % -i«flj° ~Mêvflj "√√
í, ~±, 1ø"√√Ô- .?√...1%-îU±° Â√Àμ±", ø Ô- .?√...flj -i-M√√øg .?√... CE-î±À° 1, ≈Mêv'±1nΠ ?√œ«», ~±, ≈Mêv .?√...
flj Í-î«flj± flj±øð±, .?√... CE-î± ± "√√", '±1nΠ, 1nΠ, 1nΠ, ~ø¶ -îUÀ?√A1 øU±g .?√...flj % -i«flj CE-î±À° Ô-î1 CE °
±flj±øË-Ô- ±"ø√√ %-i±ø1øðflj±11 .?√...1 é-î, ~"√√ ±ÀU?√A1 Í-îA±± flj1± Δ"√√À√ ñ -i-M√√-Ag±øÔ-±- .?√...±-
~Mêvflj- -i-M√√øg %-° -îA-î?≈√flj±ø flj± øð±, - % -i«flj- %-î %-Ô-≈-ø-î«Ô" f°±
'±?√...- , ~±, ø1"√√Ô- -i-M√√ ±- ≈Ô- -îU1" ° Û...?√œ«, ~±, ±Û-î...- Ô-≈- « %-i±ä, ~±, flj, ~° [, ±ø"√√Ô-...?√-Û«],
-¶á- îÜø1A26√?√, CE °±flj-331] ?√GœÀ", CEÔ-»1 flj±-i...±?√'Ô- ΔfljÀÄ√ CE flj±ø"√√Uœ1 -iMêv± U±, Àflj"ø√√
"√√"flj -i± ±U CEflj±ÀU± -i...øMêvÀ", "ø√√"√√"flj, "ø√√", ±1 fljÔ±-i-d Í-î026√±, Ô- ø-î-î-Mêv "√√"Àflj"ø√√ -i±
Û"√√"Àflj"ø√√, "ø√√", ±Ô- -ifljfS -i±-î-U-ifljfS Â√μ1, ~±-î- "√√"flj -i± Û"√√"Àflj"ø√√ ±Ë-±"ø√√-î±1 fljÔ±1 jZ±1±
"ø√√", ±Ô- CE"Àø fljÔ-±Ô- CEflj±ÀU± -îU±Ô«flj... Û±"ø√√-î±ø¶fljÀÔ- fljÔ± ±1nΠ ±±...±ø", flj± ±Àflj .?√...Ô"œ1 ?
≈√"ø√√ øðflj±1° "ø√√", ±Ô- CEflj±ÀU± CE-î?√ Û±"ø√√ [flj±-i...±?√ «, øðÔ" -îÜø1A26√?√, CE °±flj - 24-28] 1nΠ^ÀË-
±"ø√√ ø-î-Π, Ô-î"Ô...-îÜLø±"° •ÿÛ flj±1 ΔfljÀÄ√ CE fljÔ±1 øð±1øyflj -î?√...Ô- 81nΠ Ô-Ô± CE?√±Ô-±1 %-«-îU±,
Ô-±1 ø-îU%-Ô- flj±ø-î1 øÛË√ -i- 1 %-î ≈ -îÜø1%-î, -i«Û±, ±U±≈øð±, -î?√...1 jZ±1± fljÔ±1 ±1y ~±...fljÔ± øðÔ-
flj±1-îÜ" -ø"flj±Ô- fljÔ±øL11, ~±-î- ±1nΠ ø-î-Π, fljÛ...±øð±ø5 [øÛË√1±Ë√...øð±ø5 1+-îU] CE"√√±± Í-îø%-Ô-°
"ø√√", ±1 -î-Π±, -¶'øÔ- "√√À" .?√...Ô- ±1nΠ Û... ^-±-Π±Ô- "√√À" fljÔ± -î?√...Ô- 1ø%-Ô- CE"√√±±
Í-îø%-Ô-° [flj±-i...± Ç±1, CE -Π±Í- "Ô...±", CE °±flj- 20ñ23] 1nΠ^ÀË- ±±...±ø", flj±, °ÿÀg ΔfljÀÄ√ CE"±±...
±ø", flj±ÀÔ-± fljÔ±1 øUø%-îU±ÖfljÀ", flj±-îA", 81nΠ Ô-Ô± CE?√±Ô-±1 døÔ- fljA1 ^-ÀÔ- 1Ë√±1 -îU1Ô- ^-øMêv
1±ø± ±U ±U CE ±fljA1± 8±Û±≈fljœM√√«Û flj1± "√√", ° ±±...±ø", flj±1 1%-îU± .?√...Ô- flj1± "√√", ° "ø√√", ±Ô- «1
Í-î"ø√√Ô- Í-î026√±, 1 øðA ±, "√√", ° øð±, -ø-flj "√√À" Ô±¶ö±ÜÔ- 'ÀU...±øMêv, ~±À, ±øMêv, CE °Π ±ø?√' -flj±1
≈Mêv?≈√"ø√√ flj±-î?√...À1± øðA ±, CE"√√±± CE?√±± ±, ° [flj±-i...± Ç±1, CE -Π±Í- "Ô...±", CE °±flj- 24ñ29] 1.4 ,
-¶'øÔ- .?√...flj±-i...1 Í-îø±±, -¶'øÔ- .?√... ±ø"√√Ô-...1 -îU1•Û1±'øÔ- øð±%-œÛ° Δ-îø?√flj, -ø"√√Ô-±ÀÔ- "ø√√",
-¶'øÔ- .?√...1 ±1yø± CE"√√±± -i±ø" flj±-îU±ø1° flj±-îU ±Ë√À-î«?√1 'øL«Ô- -îË±pjl çðLø, Δ
Ô-øM√√1œ", -ø"√√Ô-±, flj±-îflj, -ø"√√Ô-±, Δ" S±", ø±, -ø"√√Ô-±, ±1
î...flj, Í-î-îUøÛ-Π?√, øU1nΠMêv, ~"√√± -î±1Ô- ±1nΠ ~"√√± -î±-Π... ±ø?√Ô- , -¶'øÔ- .?√... ±ø"√√Ô-...1, -
-îÜ«Û"œ" -îU1•Û1± Í-î-îU t"√√", °, -ø"√√Ô-±, ~"√√1 ø-îUÀ√ÀÔ- -îË±pjlçðLø, ~"√√1 ¶ö±Û°, -ø"√√Ô-±, ~"√√
¶ÿ1+-îUÀÔ- -î?√...±Rflj "√√", ° øfljç -îË±pjl, ±ø"√√Ô-... .?√...±Rflj° ±Ë√À-î«?√Ô- .?√...1 øðA ±, CE?√ø±À >
øðfljÔ-ÀÔ- -îË±pjl, ±ø"√√Ô-...Ô-À"√√ -îU"i«±e 1+-îÜÔ- .?√...1 øðflj± CE"√√±± CE?√±± ±, ° ø?√-îË±pjl
, ±ø"√√Ô-...Ô- ±Ô±A1± -i...^"√√±1 Δ"√√À√° -îU±M√√«œflj± 1 ø-îø-îiB
Ë-œflj±, -i...±±...±, fljÔ±flj±-i..., ±±...±ø", flj± çðLø ±1nΠ %-îU± Û±Ë-îflj ±ø?√Ô- .?√...1 1+-îU CE?√ø±-îÜ CE-îU±±
±", ° flj±±ø?√, "SÔ-", "S±Rflj Δ"œÀ", .?√...1 ÚÔ-≈-îU Ô±1±1 -îÜø1%-î, ø?√À", ° ~"√√± -î±-Π...1 ?√A1 çðLøÔ- , 1" .?
√... %-îfl±îÔ- -îUÀ1
° øð±%-œÛ ø ±ø"ø-îU, Ô-±±ø"ø-îU, ø-îø-îiB ?√"«Û1 ^-î-Π... , ~"√√ÀÔ-±, ≈μ1 .?√... ±ø"√√Ô-...1 øU?√"«Û CE-
Û±±± ±", ° -¶'øÔ- .?√... ±ø"√√Ô-...1 øU?√"«Û ¶ÿ1+-îU ±Ô± ±1nΠ ±±...±ø", flj±, ~"√√ flj± 1 -îU≈fl±Ô- œÛ
"√√À" > Ô-±1 CEfljÔ-À-î±11 Í-îA±±øflj çðLø øfljÀ±√ ±ÛÔ- .?√øÛÀ-±%-î "√√", °, ≈øð, ø, X -î±øÔ-«-fljflj±1
flj±Ô-...±", Û [400 #.-îU] CEÔ-ÀU ±±...±
ø", flj±A1"ø -îÜø1ø%-Ô- ±øÀ√"° -îÜÔ-?ø"À", > [200 #.-îU] è-î±, ±?√M√√±í, ≈ÀU±øL1±, Δ-î~1Ôœ øð-îøÔ- ±±...
±ø", flj±1 Û± Í-îA±± flj±1AÄ√° øðø, X .?√...flj±1 -î±Í-îA"ø√√ -îA±1flj "√√ø1(fflj .?√...À" flj ø"√√%-î±À-îU .î... flj±1AÄ√°
CEÔ-ÀU?√A1 Êv" f"√√U1 ~Ô- 'U±, ø1 -î11nΠø%-î 1 %-î±1nΠ Ô-œ, CE1±ø, ~-CE, Àø ~1 "ÀfljfljÔ± øð±%-œÛ .?√...
, ±ø"√√Ô-...1 %-î±ÀUfljœ° ÒU-Û± 1 ^ÀÔ- ç-îU±ø" ø-îø1ø%-Ô- Ô-1e±Ô-œ fljÔ± ±1nΠ, ±Ô-î-î±"√√U, flj 1 ø?√UÔ-
1ø%-Ô- è ±Ô-îflj±ø" "√√1 ±1nΠ èUÀ ±±øLœ fljÔ±í çðLø, ~"√√ øð±%-œÛ .?√... ±ø"√√Ô-...1 -
Ûø1%-î±, flj± .?√...Ô"œÔ- 1ø%-Ô- -îUÀÔ-± .?√...flj±-i... CE"±-îU ±"øÀÄ√"ø?√-î-¶á- øÔ-îflj±1 -îU± "øÛ"
øÔ-îflj±1 ø-îÔ-1Ô- 1ø%-Ô- øfljÀ±√ .?√... flj±-i... Ô-±1 %-î±ÀUfljœ ¶ÿ1+-îU -îM√√« ±ÀU; Í-î-îU t"√√", ° ?
√± «øUflj -îUøGÔ- ±1¶ÿ± œ [400 #Ëœ-], -flj±1%-î± « [700 #Ëœ-] ±1nΠ Êv, øL-îA1 [900 #Ëœ-] Û±

“√vi” -U” -i«Évij1 Δ-ri •U±, U ‘±1nΠ “√v√v Évij1 ^ -±ÀÈ-Ã % -1± “√v√v : “^fli “√vi” -U” -i« Évij1 % -f±-Uœf-°
α “√v√vøþU Δfli “ÑœÀ?/œ “øLÖœ±U “√v”, ‘±1nΠ “^fli ‘±1nΠ ^ -±ÀÈ-Ã % -1± “√v√vÀÈ-±À³ øUÉV1 ‘1œ1 Ó-...± fliÀ1°
% -f±-Uœf-° -r-U≈U1 ÉVœø³Ó- “√vi” ‘±1nΠ ‘±fli± 1 -U1± -U≈G1œfli U±ø “±ø “√v” ° CEððø fli- CEððø fli±1 ±ÉVÓ-
Ófli± ‘ø-±-U “±Ó-ø1 :i” ‘±1nΠ “√v±Àù Ó-±1 .Ó- -U≈G1œfli± ‘±1nΠ fli±?/√v1œ1 .Ó- % -f±-Uœf-° 1 ø “U
“√vi” ° ±ÀU?/VÀ1 fli±?/√v1œ1 fli±ø “√vUœ-±-±, ± 1ø1 -UÀ1° -ri±1 :?√... , ±, -riX -UÀ?/VÀ1 -Uø1-U”i«° CEù≠-Π,
-riÀSê±øMê ‘±ø?√1 “Ó± Ó øðÀ”, ± CEÓ-“1 fli±-ri...1 Δ-riø ©U... -ri±1 s ^ -ri±G±11 øð±%≈-ri «...» CE ±Ó- ri :œ, ±
-ri±Ài Ìò-ri-UÀ1±Mê ?≈VÀ”, ±±U fli±-ri...ÀÓ-“ø s± -fli±1 ‘±1nΠ ‘Ó« -fli±11 øðÀ”, ± øð±, ø-riø-riØ % -ø1S ø%-riSÍÓ-
‘±øÀV” -ri±i -A1 øU-ri-U≈ri±ø -ri±Ài CEÓ-“1 1%-ri-U±Ó-ri CEfli±ÀU± ±È-ri± CEé-SÓ-ri±?√ø?√, ± U± “ø -ri±À-ri, “√v±?
√”, ±, ±À ±%-riÀfli, “ø¶ fli±-ri...±ø “√vÓ-ri...fli -ri±1i Ìò-riø2ÀVøU -ri±ø CE, ±-Πi± fli±1ÀÀV ñë-ri±Ài±ø2ÀVøU- ÉV»
-ri« f°i ‘±R” ...±, U øðüü -ri±i -A1 jz±1± 1ø%-riÓ-ri :?√...fli±-ri...1 ø-ri-ΠÀ”, ±øÈ-ri CEÈ-ri±
fli±ø “fli± [50È-ri± s1 ø-riÓ-riÓ-ri]

..... ‘±U ±fli ±?√...fli±-ri...?√ fli±~±1%-ø1Ó-ri1 1%-fli “√vi” ?√Gœ°
α “√v√v çðLø ?≈√v√v ^ -ri±.Ó-riø-ri-MèVñ -U” -i« -riUœf-ri± ‘±1nΠ Ì-riøM√v1-riUœf-ri±ø “
Ò1 1ÉV± 1±ÉV” √v- , 1 “Lœø øÓ-øUÉVU1 -riU≈S, fliÀ Ì-riøM√v1±øÓfli±1œ, “AS ~Lœœ1 -riU?√ ± ^ -ri fliÀ1° -ri±1 CE “øÓ-ri, ±
1±ÉV” √v- , ‘±1nΠ “± ±øÒ-riUøÓ-ri ~±U, ±11 ~±ÉÓ-ri ≈X “√v”, CEÓ-øÓ-ri, ± CE, “ø ≈XÓ-ri ‘¶a1 ±, ±Ó-riÓ-ri 1±ÉV” √v- ,
-ri± “√vœU Δ “√v -riUÀ1° CEÓ-ri” 1 Ó1 CE, ±±À-ri±À1 ^ -ri, ÀÓ-riø-ri... -riU-ri«Ó-ri1 -ri±À” 1Ó±U Δ “±, ° “ø-riUÀU 1ÉV±
-riU” √v±Ó-ri CE “√v±±-ri±ø “CE ±fli±ÀÓ-ri 1±œœÀ”, CE¶2ÀV± “ø “Ó≈-ri... -ri1i fli±1-riØ Ìò-ri?√...Ó-ri “√v”, ° CEÓ-riÀU, ~ri, ÀÓ-ri
1ÉV±1, -ri±, “ø1 ±ø “√v” ‘±1nΠ -riU≈i1 1ÉV± ‘±1nΠ 1±œœ1 ø “U “√vi” ° 1±œœ1 . ^ -ri«Ó-ri 1±ÉV-ri± “√vU U±À A1 ±øÈ-ri -riU≈S
øL±U) -riUÀÈV° CE, “ø, ~ri, ÀÓ-ri ~Lœœ % -ri±ø1 .1±fli±œÀ1± % -ri±ø1ÉVU -riU≈S Éij “√v”, ° CE, “ø % -ri±ø1 -riU≈S1 U±” SèÀ” ñ
øð-riÓ-riœ, ø “Sø5, ~ri±Ó-riø5 ±±1nΠ ø-ri|nΠÓ-ri° α “ø -riU≈S, fliÀ CE “øÓ-ri, ± CE “À³UÓ-ri ^ -riø1 ø?/VÀ”, CEÓ-riøÓ-ri, ±
CEÓ-ri” À ±fli±1 1ÉV± “ø?øç ÉV”, 1 “ÀÓ« -riUø-ri, ± “ø° CEÓ-riÀU, ~ri, ÀÓ-ri
1ÉV±1 ø-ri...-riU-ri«Ó-riÓ-ri ~ri±Ó-ri U± 1 ±ÉVU -riÉ±p|i| Δ, ÀÓ-riø “ø Ó-ri “√v”, ° ~ri±Ó-riø “ø 1ÉV±fli ±È-ri±, ≈1-riÀ-ri1
-riU±Ó-ri± Ø “Δ” ±, ° 1±ÉV-ri± “√vU Ó-ri±1 ø-riU%-riÓ-ri Ìò-ri7ijj ø, UœœÓ-ri Ìò-riUø¶Ó-ri Δ “√v CE, “ø CE?√ 1 1±ÉVfli±~±1œœ
“øðLfli ø-ri, ± fli±±, ° øø-riU%-riØ “±È-ri± “ø CEfli “øÉVU 1±ÉVfli±~±1 Ìò-ri7ijj ø, UœœÓ-ri Δ, fliÀ ± ±-riø “√v”, ° øø-riU%-riØ
CEÓ-ri” À ±Àfli ± ±± øÓfli±1 fli±1 -riU≈øU-riU≈1Ó “±À” √v “±1nΠ 1ÉV±fli |X± ÉVU±”, ° 1ÉV± “ø 1±ÉVfli±~±1, fli± 1 “±ÉVÓ-ri
ÉV”, fli±1 1±ÉV... “~ri “√v -ri± “ø?/VÀ”, ° 1±ÉV-ri± “√vU -riU≈øU-riU≈1 ±1nΠ Ìò-ri7ijj ø, Uœœ 1±ÉV... ± ^ -ri fliÀ1° CE, “ø
1±ÉV-riU≈S, fliÀ 1±ÉV-ri± “√vU1 CEUÓ-ri-QÓ-ri, ≈μ1Øfli 1±ÉV... ±, U fliÀ1° ^ -ri±-ri±1 øðÀ”, ±Ó-ri?√Gœ “øÓ-riø, X “√vø¶
1” øð± “√v”, ^ -ri±-ri±1 jz±1± CEÓ-ri” Δ-ri?√-riœœ 1œœøÓ-ri øðÀ”, ± fli±1ÀÀV° CEÓ-ri” 1 1%-riU±Ó-ri -ri±À”, Ì-ri±À”,
~ri±, ±øL Δ “œ -ri...³ “√v±1 fli±1ÀÀV° ø-ri-ri...?U±1 ¶± ^ -ri±ø¶fli±ø-ri± ‘±1nΠ ‘Ó«1 ¶UøUÓ-ri±1 ø?√ Ó-ri?√Gœ1 -riUÈ≈-riÓ-ri±
‘±ÀÀV° øðfli±øÓ-ri -ri«U±1 CEé-SÀÓ-ri± ?√Gœ1 U± “ri-riÀ-ri±À” ±...° ±ø Ó-ri...-riU”i« -riU?√øðÀ”, ±Ó-ri?√Gœ1 øU-riU≈ri±1
øð-ri, ± fli±1 CEfli±± “√v”, ñ è?/øGÜ -riU?√ ±ø Ó-ri... f°i “ø-ri±ø “ø 1.6, ±1±-ri-ri (Summing Up) α “ø -riU±i-ri -riU1±
‘±ø ÉV±øU-ri -riU±À1± CE, -ri¶±øÓ-ri :?√...fli±-ri...1 “øøÓ-ri” √v±, ‘øÓ-ri -riU≈1ø1° Δ-riøø?√fli ≈ÀÓ-ri “ø” ±1 ±1yø1 -ri±ø
fli±-ri -riU±ø1° -ri-riÉ±p|i| çðLø, ~ri “√vÓ-ri α “ø :?√...”, “À” √v -riU”i«Ó-ri± -riU±, ° fli±-ri...±?√ «, fli±-ri...± Ç±1, ±ø “√vÓ-ri...?
-riU«i ±ø?√ “Ç±1 ±¶a, ~ri “√vÓ-ri :?√...1 é-ri, °¶Ag, ø³À -ri±À” ±%-riU± ± ^ -ri fli±± ±, ° -ri¶±øÓ-ri, ±ø “√vÓ-ri...1
CEfli “ø-ri±ÀU± :?√...fli±-ri...” øø-riÀ -ri¶±øU± ‘øÓfli±1 fli±1 ±ÀÀV° Ó-ri±1 ø -riÓ-ri1Ó-ri -ri±i -riA, ~ri-riø ±1nΠ ?√Gœ1 jz±1±
1ø%-riÓ-ri :?√...fli±-ri... “~ri “√v Ìò-riÀ-ri±À” ±...° 5” øÓ-ri±Ó-ri -ri±i -riA1 1%-riU±Ó-ri, -ri¶±øÓ-ri :?√...Ø “œÀ”, % -ri1
Ìò-riiøÓ-ri ± ^ -ri fliÀ1° α “ø :?√...fli±-ri...”, “À” √v, -ri¶±øÓ-ri, ±ø “√vÓ-ri...Ó-ri -riUø1-riU”i«Ó-ri± ±øUÀÀV° 1.7 ±ø “√v« øðüü
(Sample Questions) 1° -ri¶±øÓ-ri :?√...fli±-ri...1 øð±%-riœUÓ-ri±, °¶Ag ±fli ±À ±%-riU± ≈øÓ-ri fli±1± 2° -ri¶±øÓ-ri :?√...
fli±-ri...1 ø-ri±1± 1 øÈ-ri 1+-riUÀ1±± øððÓ-ri fli±1± 3° CEfli “ø±U” ±U Ìò-riÀ-ri±À” ±... -ri¶±øÓ-ri :?√...fli±-ri...1 -riU1Ó-ri ±øÈ-ri
CEÈ-ri±fli± øððÓ-ri fli±1±

1.8 øð, -ri çðLø (References/Suggested Readings) 1° “ø-ri, -ri¶±øÓ-ri % -ri%-ri«±1 “øøÓ-ri” √v±, -ri ±ø “Uœ CE±¶±~riœ 2°
-ri¶±øÓ-ri, ±ø “√vÓ-ri...1 -ri≈1?œ-ri “√v1À” ± “√vU CE?/VÀ CE±¶±~riœ 3° -ri¶±øÓ-ri, ±ø “√vÓ-ri...1 “øøÓ-ri-riM√v1-ri Ì-ri 0
Ò±ÀUú 1” ~ri «± 4° History of Sanskrit Literature : A.B. Keith 5° History of Indian Literature : M. Winternitz 6° Survey of
Sanskrit Literature : C.K. Raja

[1] øjZÓ-riœ, ø-ri±, -ri¶±øÓ-ri :?√...fli±-ri...1 é-ri ±1nΠ ø-ri -ri±. ø-ri -ri±.1 Ì-riU - 2.1 “ø-ri fli± (Introduction) 2.2
Ìò-riAV” ... (Objectives) 2.3 :?√...fli±-ri...1 é-ri 2.4 :?√...fli±-ri...1 øðfli±1 2.5 çðLø±fli±1 ‘±1nΠ çðLø1 ø-ri-ri, -riø1 ±À ±%-riU±
2.5.1, ~ri-riø±± ±1nΠ -ri±, -riø?√M√v√v± - 2.5.2 -ri±i -riA ‘±1nΠ CEÓ-ri” 1 1%-riU±± œ - 2.5.3 ?√Gœ ‘±1nΠ ?√ fli±~±1
%-riø1Ó-ri - 2.6 :?√...Ø “œ 2.6.1, ~ri-ri-riø±±1 :?√...Ø “œ - 2.6.2 -ri±i1 :?√...Ø “œ - 2.6.3 ?√Gœ1 :?√...Ø “œ - 2.7, ±1±-ri
(Summing Up) 2.8 ±ø “√v« øðüü (Sample Questions) 2.9 øð, e çðLø (References/Suggested Readings) 2.1 “ø-ri fli±
(Introduction) :?√...-ri≈ø À”, ±ø±1i “Ó-riÓ-ri ÀVμø-ri” √vœU “s1, ≈øU”, øLaÓ-riø-riU...±, fli± -ri≈ÉV± ±, ° -ri¶±øÓ-ri
±ø “√vÓ-ri...Ó-ri :?√...1 øðØ “øU?√ «U “ÉV≈«À-ri?/VÓ-ri CE-riU±± ± ±, ° ÉV≈«À-ri?/V1 ±È-ri± -ri :?√...ø øÓ-ri CE “√v±±±
-ri±À-ri” ø “øÀ-ri?√ fli±-ri±1nΠ çfli± U±À A1 ?≈√-ri±.Ó-riø-ri-riMèø fli±-ri±1 ÉV≈«À-ri?/V çðLøÓ-ri :?√...-riU?√...ø” |Ó-ri
1+-riUÓ-ri CE-riU±± ± ±, ±1 ‘U... U± ΔÓ-riøÓ-ri1œ, -riø “√vÓ-ri±ø Δ-riøø?√fli, ±
ø “√vÓ-ri...1 fli±i-fli±, -riø “√vÓ-ri±, Δ” S±, iœ, -riø “√vÓ-ri± ±ø?/VÀ-ri±1

[8] Ê√±øÚ Ô" ± √√± q √√ ∏«%ø1Ó- ±Ú <ø- √√±ø, flj çðLø -i±À- i «ø±Ú ±±...±ø, flj± CE|œ1- ?√...flj±-i... ±1n∏
flj±?√•§1œ fljø-rlfjãÚ±Ó- , ©Ú CE √√±±± -i±À- i «ø±Ú flj± flj±-i... q √√Ê√Ú, flj 1' Ú≈À1±Ò SèÀ' -i±i' -A" ð |
œ √√ ∏«1 flj±ø √√Úœ, ~X è √√ ∏«%ø1Ó- i çðLøÓ- ø ø-Ú-i-X fljÀ1œ q |œ √√ ∏«1 1±Ê√, ^ -i±Ó- Ò flj± -ÚøGÓ-, flj
Δ √√ÀÀ√ -i±i' -A, ~ ±Ó-œø?√-i±flj1 ±1n∏ ~ , "1 -Aœ q flj±?√•§1œ1 -Ú" -i«±X«1 1%-flj -i±i' -A ±1n∏ Îð-M√√1±X«1
CEÓ-»1 -Ú≈S " -i±i' -A1 jZ±1± 1ø%-Ó-œ q -i±i1 ?√... , ~ ±, -iX -ÚÀ?√À1 ^ -1-Ú"1, CE, À , Ê√± «±Ú -ÚøGÓ- »À-»i±À1
CEÓ-»1 flj±-i... flj è ^ -i±1Ó-œ , Ú±1...i -i±ø Ìð-À-~± fljø1ÀÀ√œ q flj±?√•§1œ1 ~" flj±ø √√Úœ 8±i-...1 -i" √√»flj±Ó±1
-Ú1± CE ±±± Δ √√ÀÀ√œ 2.5.3 ?√Gœ ±1n∏ ?√ flj± ±1 %-ø1Ó- è ±øðL, ≈μ1œ flj±Ó±1Ó- ?√...À ± flj ±√Gœ1
-Ú" -i«-Ú≈1n∏ ∏, flj 8Ê√1±Ê-1 ±Úμ-Ú≈1 Ú± ~ 1 Í-± ~ 01 øÚ-i±, œ -i±ø Ìð-À-~± ±ÀÀ√œ Ó-±1-Ú1± »À ± flj Ú±ø, flj Ò
'±À √√œ Ó-±1 ø-ÚÀ√Ó- è %- -i±i' -A1 Ò ±ø √√ Ó-±1Ó- -i±, fljÀ1œ «ø ± -i± - Ó- CE flj±ø flj±±Sœ , -i±±pìl
Ú±1± , Ì√± ±œ1 Ê√ij √√ , œ CEÓ-»1 -Ú≈S1 Ú± ~ ±øÀ√ ?√±À ±?√1œ ^ -i±1ø±1 ø-Ú%-Ó- ?√Gœ1 -Ú1√Ú1± , •§Àg
è ±øðL, ≈μ1œ flj±Ó±1Ó- ø ø±ÀÀ√œ ^ -i±1ø±1 ~ ±Ê√≈ -Ú≈S1 Ú± ~ ÀÚ±1Óœ »1 %- -i±1Ê√Ú -Ú≈Sœ »À ± flj1 ø -Ó-1Ó-
-iœ1?√M√√ flj±Úá-œ -iœ1?√M√√ -ÚPœ1 Ú± ~ ±øÀ√ CE À1œœ -iœ1?√M√√ ±1n∏ CE À1œœ ?√Gœ1 ø-ÚÓ- -i±1Ó- ?
√Gœ ?√±øé-±i±Ó-...1 -i±±pìl ±1n∏ »1 Ê√ij±ø±Ú flj±±œœ »1 Ê√ij±ø±Ú , •ÚÀ flj± ~ Ó-À- -i±?√ ±ÀÀ√œ » CE ?√øé-±i±Ó-...
1 CE ± flj Ó-±1 ø± ± ð flj±-i...±?√ «Ó- i Ìð-ø-ø±Ó- , ±øÚ , flj±±œ, flj±À-1œ, CE%-± ±1n∏ è?√ flj± ±1 %-ø1Ó- iÓ-
Ìð-ø-ø±Ó- flj±±œ, ±Ê-À?√ , flj± -ÚÈ-ÚjZœ-Ú, 'eÀ?√ , 'ÚeÀ?√ , %-•Ú±, Ìð-Ö7ijjÚ, |±±øLœ, ±1n∏ -Ú≈-À?√ ±ø?√
?√øé-±i±1Ó-1 ø±ø, X Í-± "œ ø flj± »1 ?≈√À , ±±Ú çðLøÀÓ- ø-?√ ~ «1 Ìð-À-~± CE -i±øÀ√ Ò flj± CE ?√±± ± , œ "ø , ±1
'±Ó±1Ó- -i±UÀÓ-± -ÚøGÀÓ- ?√Gœ ø-?√ ~ «1 -i±ø ~ Ó-À-Ú± ∏ fljÀ1œ »1 1%-Ú± Ò œ Δ-?√ ~ -π-ø±Ú±Úœ
CE , ð-±i±À-» flj± ø-?√ ~ «-i±, œ -i±ø ~ CE flj±± ± √√ , œ ø flj± è ±øðL, ≈μ1œ flj±Ó±1Ó- » øÚÀÊ√ flj±±œ-±, œ -i±ø
Ìð-À-~± flj±ÀÀ√œ »1 Ê√ij±ø±Ú ±À ... flj±±œ, ø flj± ø-?√ ~ «1 -Ó- »Ó-À-Àø±Ó- , •§g ±ÀÀ√œ Ìð-Ú1n∏Mè ±À ±
%-Ú± ð ?√Gœ øÓ-øÚ±Ú çðLø1 1%-ø , Ó-± ø √√%-±À-Ú , ±é-œ ø?√À , ñ ±øLœ, ≈μ1œ, flj±-i...±?√ « ±1n∏ ?√
flj± ±1 %-ø1Ó-œ

[9] ?√ flj± ±1 %-ø1Ó- - ?√Gœ1 è?√ flj± ±1 %-ø1Ó- i ?≈√ ð ^ -i±À- ø- i -Mè ñ -Ú" -i« -Úœø-± flj± ±1n∏ Îð-M√√1
-Úœø-± flj± -Ú" -i« -Úœø-± flj± -Ú" -i« -Úœø-± flj± ±1n∏ Îð-M√√1 -Úœø-± flj± ~ ±i-ÀÓ- ±i-È-± Ìð-2
À√±, 1 , øøÚ Ìð-M√√1 -Úœø-± flj±1 CE ∏1 %-±ø1È-± Ìð-2À√±, 1 Ú± ~ CE ∏œ ~ Ò1±Ê√ 1±Ê√ √√- , 1 ~ Lace
øÓ-øÚÊ√Ú1 -Ú≈S, flj± Ìð-M√√1±øØ flj±1œ , ÀS ~ LaceQ -Ú?√ ± -i± fljÀ1œ »-i±1 1±Ê√ √√- , ±1n∏ ~ ±±øø-ÚøÓ-
~ ±Ú, ±11 ~ ±Ê√Ó- »X √√ , œ »XÓ- 1±Ê√ √√- , ¶a1 ±, ±Ó-Ó- , - : ± √√œÚ Δ √√ -Úø1 ± , œ CEÓ-»1 1Ó1
CE, ±1±À-»i±À1 ^ -i±, ÀÓ- ø-ig±-Ú-i«Ó-1 ø -i± ≈À± 1Ó±Ú Δ ± , œ 1Ê√± -Ú" √√+Ó- CE √√±±± -i±ø ~ CE ± flj±ÀÓ-
1±iœÀ , ø%-ÚÚÊ√1œ ± ± ð ~ Ó-»...-i±1 flj±1-Ú Ìð-?√...Ó- √√ , œ »ÀÚÀÓ- 1Ê√±1 , - : ± , ø±1 ±ø √√ ±1n∏ 1±iœ1
~ ±Ó- -i±øÊ√ -Ú±À -Ú≈Ú1 ?≈√À , ±À1 ø ~ Ú √√i ° 1±Ê√-± √√Ú Ú±À 1±iœ1 øÈ- -Ú≈S- , ðL±Ú -ÚÀÊ√œ ø-rl flj
CE , ð , ~ , ÀÓ- ~ Lace %-±ø1-1± flj±œÀ1± SèÀ' ø± Ó-œ, ø S85, ~ ±Ó-œ85 ±1n∏ ø-rl n∏Ó-
Ú±À ~ %-±ø1Ê√Ú -Ú≈S Ê√Àijœ CEÓ-»À ± flj1 Δ, ÀÓ- ±Ú -Ú±%-Ê√Ú CE flj±±À1±
CE ±È-± ± , œ ø-Ú%-Ó- 1Ê√±1 -Ú≈S , flj 1 Ê√ij ±1n∏ ± Ú-Ú± Ú1 flj±ø ±øÓ- ø-ø±ø±Ó- -i±À -i«Ú± flj±1ÀÀ√œ
~ Ó± , ~ , Ó- 1±Ê√ flj± ±1, flj CE - flj± Ê√œœÚ1 ?≈√±1?√ø Ó- ^ -ø1ø?√ Ó- , 1Ê√± ð CEÓ-»À ± flj flj ø?√øç Ê√ , 1 ÀÓ«
-Úi±À ± 1Ê√±1 ø-ig...-Ú-i«Ó-Ó- ~ ±Ó-œ Ú± 1 »Ê√Ú -i±±pìl . Ó- , ±é-±» √√ , œ ~ ±Ó-œ ð 1Ê√± flj -Ú±Ó-± 1 »È-±
~ 1e jZ±À1À1 -Ú±Ó-± Ò Δ ± , œ ±Ú »Ê√Ú 1±Ê√ flj± ±À1 1±Ê√-± √√ÀÚ Ìð-7ijjø , Úœ Ò ~ ±S± flj±1± flj± .
CEÚ-Ú±À ° CEÓ-»À ± flj CE ∏Ó- Ìð-7ijjø , ÚœÓ- CE -È-±-CE -øÈ- √√i- -i±ø ø -Úf ø -Úf -ÚÀÒÀ1 ±S± ±1y
flj±1À ° 1±Ê√-± √√ÀÚ Ìð-7ijjø , Úœ -Ú± ð CE , ð CE?√ 1 1±Ê√ flj± ±1œ ±øðL flj± ø-rl , ± flj± , œ , -i«À ∏Ó-
'±È-± ±À-»i± 1±Ê√ flj± ±À1 Ìð-7ijjø , ÚœÀÓ- ± ø √√ , œ ø-ÚÀ√Ó- CEÓ-»À ±À flj ± ± ±øØ flj±1 flj±1
-Ú≈øÚ-Ú≈1 Ò ±ø √√ 1Ê√± flj ± øÚÀ-?√Ú fljÀ1œ Ê√ , flj± 1±Ê√... ~ √√ 1Ê√± ð 1±Ê√ flj± ±1, flj 1 ~ ±Ê√Ó- ^ -i± ð?
√À , œ 1±Ê√-± √√ÀÚ -Ú≈¶Ú-Ú≈1 ±1n∏ Ìð-7ijjø , Úœ 1±Ê√... -Ú± , œ 1±Ê√-± √√±Ú1 øÚÀ?√« Ó- 1±Ê√ flj± ±1, flj±
'øÓ- , ≈%-±1n∏ 1±À-Ú 1±Ê√... -Úø1%-± ±Ú fljÀ1œ Ìð-M√√1 -Úœø-± flj±Ó- CE flj±± Δ √√ÀÀ√ CE ?√ flj± ±1
%-ø1Ó-1 -i±M√√±øL, ~ √√ flj± - -Úø1 ± Ì ∏ ± ~ -i±À-1œ Ê√±øÚ Ô" ± √√± q ?√Gœ ø flj±1Ó-±Ê√≈Úœ , 1
øðÀiÓ-± ^ -i±1ø±1 -i± - Ò1œ q ?√Gœ øÓ-øÚ±Ú çðLø1 1%-ø , Ó-± ñ -i±øLœ, ≈μ1œ, flj±-i...±?√ « ±1n∏ ?√ flj± ±1
%-ø1Ó-œ q ?√ flj± ±1 %-ø1Ó-Ó- ?√ √√Ê√Ú flj± ±1 Ê√œœÚ -i±ø«Ó- ±ÀÀ√œ

Àµ±-“òìò-À1±-Ùœ°, ì-±-Π± Ç:±á-œ1 ‘òL:«Ó-,-¶¥@Ó- ì-±-Π±Ó-ø-1ø%-Ó-ÿ-:fÀ-?√-Ù-øÔœ1 òð±
%-œÚÓ-~ ,±ø“√Ó-...°ÿ-:fÀ-?√1“La,~“√-Ù?√...±Rflj° Δ-ìø?√flj , -ø“√Ó-± ,±ø“√Ó-..ÀÓ-?√... ,±ø“√Ó-...1
-ìœÈV ‘-fl≈jø1Ó-Δ“√VÀV~ -ìø“ flj-ì-Ù1± ± ,°-Ù1-ì-Πflj± Ó-ì-È±pì ,±ø“√Ó-... ,ìò-ÙøÚ Π?√, fljã
,±ø“√Ó-... ,?√: «Ù1 ì-±-Π... ,~“√,ø“ ±À“±, Ó-±ø/ø-ø-Ù“òÓ-...±ø?√-ø-ì-ìß ,~“ ,Ó-ø-ì-ìß fl’jøÓ-1 ±ò...À1
òð±±ø“√Ó-Δ“√ ,≈-ì-ìß±, ?√Gœ, -ì-±-ì-A ±ø?√ òðø, X :?√...flj±1, flj 1 “~“... fl’jøÓ-1 ‘°±Ù fljœøM√√VÀ1 , -¶¥@Ó- ?
√... ,±ø“√Ó-... ,≈, “X Ó-ò± òð±%-≈-“ «...” ,° ?√1±%-ÀÓ- ,≈ø-ì-± , -¶¥@Ó- -ì-±0 , Ó-ì- flj±-ì-... sÀÈ-±À1 -Ù?√...
±Rflj ±1nΠ ?√...±Rflj , fljÀ ± Òì1 1%-Ù±Àflj , ±ø1 Ç ±± ±√’ ,° Ç,À , -Ù?√...±Rflj 1%-Ù±ò ~œÀ1 ,≈òðø, X flj±-ì-...
1%-Ù±
fljø1 ~“√±flj-ì- flj±ø“√, ø“?√À1 ‘ÙÚ... ø-ì- flj ÇÓ-ÀÙ?√À1 ,≈òðø, X :?√... 1%-Ù± fljø1 :?√...flj±1 -ì-±-~ -A ‘Ó-≈-‘Ùœ° ,°
4.2 Ì-òÀV ... [[[[[Objectives]]]]] ° ò-ì-±-Ó- , -¶¥@Ó- :?√... ,±ø“√Ó-...1 ±
flj , ±ø“√Ó-1±-ÙÀ1±± ?√±ø,√V Òø1-ì-ò P flj±1 Δ“√VÀV ñ l :?√...1 ¶ß1-±Ù , •ßÁg ‘±À ±%-Ù± flj±1 “√ì-ì , -¶¥@Ó-
:?√... ,±ø“√Ó-...1 òð±%-œÚÓ-± ±1nΠ -Ù1•Ù1± , •ßÁg ÈV±øÚ-ì-ò , è-~ “√ì-ì , -¶¥@Ó- :?√...1 Δ-ìø?√... ±1nΠ
Δ“œ1
ø-ì-ΠÀ° , ‘à-Ó- “√ì-ì , -¶¥@Ó- ,±ø“√Ó-...1 ,≈òðø, X :?√... flj±-ì-... ,~“√1 %-~ ≈ -Ùø1%- , ‘±1nΠ Ç, “ò ,~“√1
flj±ø-ì-...flj Δ-ìø?√...1 ø-ì-ΠÀ° , ‘à-Ó- “√ì-ì -Ù±ø1-ì-
4.3 :?√... ,±ø“√V
Ó-...1 ¶ß1-±Ù , -¶¥@Ó- ,±ø“√Ó-...Ó- èflj±-ì-ì s1 ‘ò« ±1nΠ -Ùø1, 1 -ì-±-Ùflj° èfljÀø1?√- flj ~ flj±-ì-... ñ ñ ° ò?
√À1 fljø-ì-1 flj «Àflj flj±-ì-... -ì-ø“ flj-ì- -Ù1± ± , flj±-ì-... s1 -ì-≈...»-ÙøM√√V1 Ù-± ± -Ù1±° ± òø±òÀÓ- òðùù “√’ ,
fljø-ì-1, fljÀ ± flj «ÈV±ÀÙ± flj±-ì-... -ì-ø“ flj-ì- -Ù1± ± ±, -¶¥@Ó- ‘Ç±1 ±¶a, ~“√Ó- flj±-ì-...1 ¶ß1-±Ù , •ßÁg
,≈ø-ì-ò¶¥@Ó- ‘±À ±%-Ù± Ìò-Ù-Ù t “√’ ,° s±ò“~ , flj±-ì-... 1œ1Ó-1, Àflj ±R± ø“√%-±-À-Ù ¶ßœflj±1
flj±1 ,±ø“√Ó-... ?√-Ù«ìflj±1 ø-ì-ù ‘Ù±ò fljø-ì-1±
ÀÈV è-ì-±flj... -1, ±R±flj- flj±-ì-... ñ ñ , -±À1 flj±-ì-...1 , -± ±-ì-ì-± ,° ±“ò , -±À1 flj±-ì-...1 -Ùø1, À1 ,≈ ‘jø“Ó- ~“œ...?
√± ± -ì- fljÀ1° , -¶¥@Ó- ~Ç±1 ±¶a, ~“√Ó- flj±-ì-...1 ø-ì-±-ÈVÚ , •ÙÀflj « ±À ±%-Ù± Ìò-Ù-Ù t “√’ ,° ì-±-~“√ ,?
√Gœ, -ì-±-Ù, Ç“√%-f, ø-ì-ù ‘Ù±ò fljø-ì-1±ÈV ±ø?√ ± Ç±ø1flj , fljÀ flj±-ì-...1 ø-ì-±-ÈVÚ1 >-Ù1Ó- ,≈ø-ì-ò¶¥@Ó- ‘±À ±
%-Ù± ±-ì-ì-± ± òÀÀV° òð± , À-ì-1 ± Ç±ø1Àflj flj±-ì-...1 :?√... ±1nΠ -Ù?√...1 ±“ò ?≈√È-± ì-±-¶ßœflj±1 fljø1ÀÀV°
flj±-ì-...1 ø-ì-±-ÈVÚ , •ÙÀflj « ø-ì-ù ‘Ù±ò fljø-ì-1±ÈV ,±ø“√Ó-... ?√-Ù«ì1 Πá- -Ùø1À2ÀV?√Ó- òð?√M√√V flj±-ì-...1
ø-ì-±-ÈVÚ1 , -øé-5 ± ± , ?√±ø,√V Ò1± ±√ì° flj±-ì-... -ì-±0 , flj ?√’ ... ±1nΠ |ì-... Ç-À?√?≈√È-± ì-±-Ó- ì-±- flj±1
Δ“√VÀV° ø-ì-Ù , 1 Ç ±... flj±-ì-... ?√’ ... ±Ù“√±ÀÓ- -Ùì-Ù, -Ù±ì-Ù Ó-ò± Ìì1 Ç ±... flj±-ì-... |ì-...° ±“ò |ì-...
flj±-ì-...flj :?√... , -Ù?√... , ‘±1nΠ ø | Ç-À?√ øÓ-øÚ -ì-±-Ó- -ì-±- flj±1 Δ“√VÀV° ÀVÀµ±±X fljø1 -Ù?√...Ó- 1%-Ù±
flj±1 flj±-ì-... “ò Δ“√VÀV -Ù?√...flj±-ì-... ñ ñ ÀVÀµ±±X-Ù?√- -Ù?√... ñ ñ [,±ø“√Ó-... ?√-Ù«ì-6]° ±ÀfljÀ ÀVÀµ±-ì-√VœÚ
1%-Ù± Δ“√VÀV :?√... -ì-ì-M√√V-Àg±ø9Ó- - ?√... ñ ñ [,±ø“√Ó-... ?√-Ù«ì-6]° øÓ-Àflj -Ù?√... ±1nΠ :?√...1 -Ù±ò«flj...1
ø-ì-ΠÀ° , -ì-øÈV-ì- -Ù1± :ì-° 4.5 , -¶¥@Ó- :?√...1 Δ-ìø?√... ±1nΠ Δ“œ , -¶¥@Ó- ,±ø“√Ó-...Ó- :?√...Ó-òflj -Ù?√...
±Rflj 1%-Ù±1 òð±%-≈-“ «... Ç?√± ± ,° ÀVÀµ±±X 1%-Ù± Δ“√VÀV -Ù?√... ±Ù“√±ÀÓ- ÀVÀµ±-ì-√VœÚ 1%-Ù±
Δ“√VÀV :?√...° -Ù?√...1 nΠøÓ-~ ±ò≈ “...” ,° “√ÈVÀÓ- -Ù±ì-ì- flj ± flj Π«ì fljø1-ì- -Ù±À1° -Ù?√... ~ÙÓ-1±ø±-ì-ò
, “√’ ,° Ç,À , |nΠøÓ-~ ±ò...À1 -Ù?√...1 øÓ-?√’ œ’Ó-± Ó-ò± ÈVÚøðø , Ó-± øÒflj° ±ÀfljÀ -Ù?√... ÀVµ1
øÚ , À1 ‘jø“Ó-° ~±± ÀVµ“ò “√V“flj -ì-±-ì-«-ì-M√√V“ò “√V“flj ?≈VÀ , ±ø-ì-òÀÓ- ,≈øÚø?√«òÙ -ì-«1 , -±...± Ò±øflj-ì-
~±À° ,≈-ø1nΠ -ì-«1 ,œ ±À1±± øÓ-Sè fljø1-ì-ÈÚ±±À1 fljø-ì-ì ,° ±Ù“√±ÀÓ- øÓ-ì-± ø-ì-1± 1 fljò± ±ÀV°
±ÀÚÀ-ì-1 øÚ , 1 17jì≥À1 -ì-±øg ÇÓ-±± fljø-ì-ì-±œ òð±À , “ò ±1nΠ X “√ì-ì :~“√’ ,° fljø-ì-1±fljœ Ç‘Ù ¶ßÓ-La
Ú“√’ , ,≈øÚø?√«òÙ øÚ , 1 ‘òœÚ° ±Ù“√±ÀÓ- “ò , ±1 , •Ù“ì «ø-ì-Ù1œÓ- Çé-5 “ø Δ“√VÀV :?√...° :?√...Ó- Ç‘Ù
fljø-ì- ~Mè° fljø-ì-À , flj±-ì-... flj ±1 -Ù“ì «òðÀ , ± ,È-±-ì- -Ù±À1 :?√... “ø-ò-° :?√...flj±1 , fljÀ > -Ù?√...flj±-ì-...1
~±ø Ó-... , ±ò≈ “... ±øÚ-ì-ò ±Ù≈òð±ø, flj :?√... ±1nΠ ?√œ,« , ± ,1 òðÀ , ±1 jZ±1± :?√...flj±-ì-... 1%-Ù± fljø1-ì-ò
Òø1À° , ±ò±1ì :?√...flj±-ì-...Ó- flj±ø-ì-...flj øì , •Ùìß -ì-±flj... òðÀ , ± “√V
ì-° :?√...flj±1 , fljÀ Ç ±fljfljò± , ~“√ì-Ù1± ø-ì-Π , -ì-± ±√Vì fljø1
fljø-ì- fljÀÙ±1 òð±%-≈-“ «...À1 ‘Ç±1, øì , 1œøÓ- ±ø?√ flj±ø-ì-...flj Ìò-Ù±?√±Ú , ~X
:?√... flj±-ì-... 1ø%-Ó- fljø1-ì- ÒÀ1
ÀVÀµ±-ì-√VœÚ :?√...Ó- flj±ø-ì-...flj flj ~Ùœ° , Ó-±

Ú≈È-± ¤ ¤ÉÓ-± ±ÀÈ-±, "√Ê√, ±Ò... flj « Ú±øÁ√º -Ú?√...Ó-Öflj 'øÖflj øð°PÀ1 flj±ø-...flj ~ «...?√±À1 '±flj-Π«ìæ', :?
√...1%-Ú± flj1± flj± «... flj±, flj 1 -±À-± flj±, ±Ò... flj ~ «±øÁ√ºº ¢ÀÚÀ-±1 øð, eÀÓ- '± Ç±ø1flj ±± ÁÚ ¢±Π±1
É ±Àflj±øMè Ìò-À~± flj±ø1øÁ√º ¢flj...±...± Ç±1, "S -ìøM√√√ çÀÖÓ- ñ ì?√...- flj±æÚ±- øÚflj-Π- ¢?√øðLøfi 'Ò«±» :?
√... ¤ ¤ √VÀÁ√ flj±, flj 1 flj ±ΠøÈ-ø ~º?√...Ó-À √ flj±, flj 1 øðøÓ- -± -Ú1æé-± flj1± √√, ¤?√À1 flj ±ΠøÈ-
ø ~Ó- ¤, ±1 ø-±qXÓ-± øÚ1±ø-ÚÓ- √√, ¤ ¤ ¤ Ò11 ¢flj Ò±1± Òflj± ¤ √VÓ≈-Àflj, yºÓ-, -¶¥®Ó- -±0, Ó- -Ú?
√...±Rflj flj±-±...Ó-Öflj :?√...flj±-±...1 ¤É-±S±Ú, ¤ø ~Ó- Δ √VøÁ√ºº ¢ ¤ø±øÚÀÓ- flj±-± -Ú1± ±, ¤ ±± ÁÚ Ìò-X'Ó- flj1±
-±±flj... ±1æÓ- Ó-?√±ÚæøLÚ flj± 1 flj±, flj 1 Ò±1±1 øðøÓ-Ú-Ú, øÈ-ÀÁ√º ¤, À, "ø flj ±-± ÌVÚæÚ 'ø ~Ó-
√√-± ¤Ú±±À1º, ~, 1 -øÓ-1 ~À- flj±-±, 'øøÜ øð-±À √√± -øÓ- ¤ √√, '±1nΠ ¤ ¢flj øÚÓ-...±øL ¤ ¶±± -±ø±flj
øðøSè, ±, -¶¥®Ó- :?√...1 Δ-±ø @Ü... ±1nΠ Δ ¤ øð, eÓ- ¤-Ú±Ú øðØ'ÀÓ- ¤ flj±-± ±ø-± Á√μø-± √VæÚ 1%-Ú±
Δ √VÀÁ√ :?√...º ¤ ¤ øð, eÓ-?√GæÀ, flj±-±...±√ ¤ ¤ ¤ø±V√V√V :?√...1, -± ñ ì-Ú±?√- -Ú?√, øL±ÁÚ±:√... fì 'Ò«±»
-Ú±?√ [%-Ó≈-øÜ?√æ -Ú?√...1 'Ú...Ó- ~'e, Á√μøÚ«', :?√...1 -±À-± -±ø1 √√± «... -' -ìÓ- 81nΠ -±« 'Ò-± ±S±
øÚ«', flj1± √√,] ø-± √VæÚ -Ú?√, ~"√VÀflj :?√... -±ø ¤ ¤ flj±±± √√, ¤ ø-±flj ¤É-ÁÚ?√À1 ø-± ÌVÚæÚ, ±ø √VÓ-...?
√-Ú«ìÀÓ-± -±M√V√V.Ág±øÈf√Á-Ó-± :?√... ñ ñ -±ø?√...1, -± ± Ìò-Ú± t √√, ¤ ¤ ¤ çÀÖÓ-± ¶±øÜÖflj ¤ flj±±±
Δ √VÀÁ√ ¤ Á√Áμ±±X flj±1 -Ú?√...Ó- 1ø%-Ó- 1%-Ú± -Ú?√... ±Ú √V±ÀÓ- Á√μø-± √VæÚ 1%-Ú± :?√...º, -¶¥®Ó- :?
√...1 -±øÈ√ Δ-±ø?√flj, ±ø √VÓ-...ÀÓ- Ç±ø1Ó- Δ √VøÁ√ºº Δ-±ø?√flj, ±ø √VÓ-...1 :?√... √VÈ√, 1 fljÀÓ-±ÚfljÓÚ1
'±ø √V«1 ¤?√±± Δ-øÁ√ºº Δ-±ø?√flj, ±ø √VÓ-...1 :?√...Ó- %≈-øÈ- %≈-øÈ- -±±flj... ¤?√±± Δ-øÁ√ºº, ~±, 1 øðÀ, ±
¤ ¤ ¤øfljflj, -¶¥®Ó-1 Ó≈-±ÚÓ- -±U flj ±±øÁ√ºº è √V, èΔ-±, èì-± ±ø?√-±... , ~"√V -±±flj...± -flj±11±À-Ú -±...
± √V±Ó- Δ √VøÁ√ºº Ìò-±Ú ±, 1±-±flj ±ø?√, √VÈ√ ¤-±ø... 'Ç±11 øðÀ, ± Ìò-±Ú t √√, ¤ Ìò-±Ú ±√V1 ¶±1±À-Ú
Δ-±ø?√flj, ±ø √VÓ-... :?√...1 ?≈√ ¤ ¤ È-± øÚ?√ «Ú ø?√, ± √V ñ [flj] Ó-À?√flj ~±, Ó- ~ ± ~±», Ó-±B √V√V ~±»,
Ó-À7jijá ~±», Ó-±√ -±Epi± ~±», Ó-±M√V√V-± √V±, Ó-», Ó-... ~±», ¤É-±Ú øðÈ√±, Ó-± [Ó-±, 15 flj±G, 1, "Mè] [±]
'øçÚÀ-« ¤?√±±Ú± ±À ±ø ±±Π±- -Ú1~ø¶?√øLÀ1], -±« ±Ú...± ¤?√±Ó-±º [Ó-À1, -±È±pi± -1] [-], S Ú±Ú± -Ú...
øÓ- Ú±Ú...2Á√VÀ±øÓ- Ú±Ú...?√ ø±È√±Ú±øÓ- Ó-±?√f ~±º 'Ò, S±Ú... -Ú...øÓ- 'Ú...2Á√VÀ±øÓ- 'Ú...
øjZÈ√±Ú±øÓ- Ó-±?√±- ¤, ± Δ-± ~± ± Ó-±?√'Ó- ~Ò, ?√±- Ó-±ijÓ-«... f± [Á√±Áμ±... Ìò-±ÚøÚ-Π?√ 7º24] -Ú±±1±1
~± :?√...Ó- Δ-±ø?√flj ±±1nΠ ¤ ¤øfljflj, -¶¥®Ó-1, -ø ±ìÓ- øð, ±?√ 81 ~±Mè :?√... Δ ¤ Ìò-±Ú t √√, ¤ Ìò-±
√± √V1¶±1±À-Ú ø-± Π±-±Ú±1±1 øflj, ?√- Ìò-X'Ó- flj1± √V ñ ì ~±±ÀÓ-± Ú±, ±fljÚ...± Ú± ± ~±»º
± ~±-±À, ¤ %...±Ú-± ±ÚM√V√V(Ú± ±ø±«flj- ~±±±øÓ- -±±AS± √V±»º ±ÚM√V√V, ...±ø-± ¤É±ÀÓ-± Ú±
-±±AS± ÈVÀ:± [ø-± Π±-±Ú±1±1 4º1]
Ìò-X'Ó- :?√...±- Ó-, "√È√, 1 %≈-øÈ- %≈-øÈ- -±±flj... ¤?√±± :± ±Àflj± ¢Àflj±Ú -±±1±ìÓ-, ~±, -±U Ìò-±Ú ±ø?√
'Ç±1, "X :?√...±- Ó- Ìò-±Ú t √√, ñ è-±Ú±Ó-±À %±± - -±ø-±øøLøfi ±æ-±øø-±Ú±±Àø¶?√?√q-º Ú±øÓ-?
≈±1ø¶øÓ- = -±øL -±Ú, ÁÚ 1±flj±± - √Vflj±ø± ¤ ¤ ¤É-±V±ø±-1Ú±1Ó- ≈X« Ò(±À -Πø?√ V(±æ√±, ~±Ú-
flj±ø-±ø ±Π±-±Ú...Úf± [ø-± Π±-±Ú±1±1 4º4º10] ±À √V ±À √V :?√...flj±-±...Ó-, ~±, -±U Ó-± 'Ú...Ó- Δ-±ø @Ü...
ø √V%-±À-± -±ø1.øÓ- ¤ √V±±± ¤?√±± ±, ¤ È√- 81, ~±-±ø¶øøÓ-Ó- ±ì-±, 'Ç±1 -±U 1%-Ú± :?√...1
Δ-±ø @Ü...1±À-± -±ø1.øÓ- ¤ √V±±± ¤?√±± ±, ¤ ¤, À, '± Ç±ø1flj ?√GæÀ, flj±-±...±?√ 'Ó- È√-81, -± ±
øð, eÓ- Δflj±øÁ√º ñ èÈ√-±, ~±, ~±, ¤øf±-À Ó-±?√f :?√... ÈVæø±Ó- fì ñ 'Ò«±», ~±, -±U Ó-± È√-81 é-±, "ø
Δ √VÀÁ√ :?√...1 øð±ìè Ìò-À~±À ±... ¤ :?√... ±ø √VÓ-...1 ¶±« ~±ÀÓ- ?√GæÀ1± ±ø-± ~±±, øÈ-øÁ√º ±1nΠ, ~±±±±,
-±± -±±ø?√V 1%-Ú±Ó- :?√...1 ¤ ¤ Δ-±ø @Ü...1 -±À?√ -±À?√ øÚ?√ «Ú ¤?√±± ±, ¤ ¤ ¤ø±øÚÀÓ- Ìò-À~± flj±-± -±Ú±
±, ¤ :?√... ±ø √VÓ-...1, ~±, -±U Ó-±, 'Ç±11 øð±%≈ ~±, ±ì-± -±øÓ-±ø?√ Δ-±ø @Ü... ø?√ :?√... ±ø √VÓ-...1
øðø, X flj±-±... ~"√VÓ- 'øÓ-', %» flj±1 -±U'ì 1±-±ÚÓ- Ìò-±Ú t √√, øflj± øð±%-æÚ ø ±ø ø-±, ~"√V1 :?√...±-
'ÀÓ-± ¤ ¤ Δ-±ø @Ü... ¤?√±± ±, ¤ Ìò-±Ú ±√V1 ¶±1±À-Ú -±ø (-±±1Ó-1 ~±√±é-±-± 1nΠ^?√± Ú1-øÚ«±1 ø ±À ±1
Ú± ~± -±Ú± ±, ¤ Ìò-±Ú ±√V1 ¶±1±À-Ú øflj, ?√- Ìò-X'Ó- flj1± √V ñ ì, Ò±±?√Ó«Ò« -±...± √V±1?
√ «ÁÚ1Ú±±±ø ~±-±X», Ó-± ÀMèÚ ?√±ÀøLÚ±%-±-±À Ú±±ø±¶±ÀÓ-±±À, « Ú± √V±À, «Ú ¶±øøø±-Ó-± Ò«
flj±øøÓ-», ±-±, -±±±±ø±X« Ó-±±±ø±-±øøø± [1nΠ^?√± Ú, ø-±ø± ø ±À ±] ¢ÀÚ :?√... Δ ¤ ¤ 'Ú±ø±Ú
flj±ø1± :?√... ±È-± -±± -±A 1%-Ú±±ø ±æ1 øðøÓ-±Ú-±, È-± ¤ Ú ±À øflj± Ìò-À~±Úæ, ¢À, ¤ ¤ ¤ø±Ú ø ±À ±
-±± -±A1 ±±ø±-±± flj± 1 øð±, 500 -±Á√1 -±-±«Ó- 'Ò«±» 150 ±ÈøøÜ±sÓ- ¤±±ø?√Ó- flj1± Δ √VøÁ√º -±øø
'øÓ- √V±ø, flj Ó-Ó... Ìò-±Ú t √√, ¤ ¤É-±V±ø±-±Ú±±ø±?√VÀ1 flj±-± √Vø1Á-ΠÚ flj±-±, ±È-±, ~±±±51 øð, ± øð øø¶ÀÈ-±, ~±,
-±U :?√... Δ ¤ ¤ ¤?√±± ±, ¤ flj±-±...1 'Ú...Ó- øÚ?√ «Ú ø √V%-±À-± :?√... flj±-±...ÀÓ-± ø-± -±Πøflj, ~±±±±, -±± -±A,
?√Gæ øð'øÓ- :?√...flj±1, flj 1 1%-Ú±±ø Δ-±ø?√-±, ¤-Áì ¤, -±±±± ¤ ±ø?√1æøÓ-, ~"√V1 øð±%≈ ~± «... ¤?√±±
ìº, ~±±±±, -±± -±A, flj±-±È√ ñ ¤ ¤ øÓ-øÚ-±±flj±øflj -±Sè±øMè ~± ¤ øÚ-±± -±øø 'ø-øø √VÓ- flj±1 øð -±, ~"√V flj
øðø, X ¤Ú±±flj Ìò-±Ú t √√, ñ, ~±±±±-±
«±ì -±A (flj±±±È√'øøÓ- S, -± -±Sè±øMè ~± «øÚ-±±±(Ó≈-±À«± ø±?√...ÀÓ- Ú
±±º [1±, ±-±Ú±G±æ, ~f 1º41] ¤É-±ÁÚ?√À1, -±±ì -±A -±±±± ¤ 1æøÓ-1 øðÀ, ±-± Òflj± øÚ-±±±ÚÓ-±, ±Ág Ìò-±
Ú t √√, ñ
's±ø«À, ±-±, À ±± 8y- -±±±± ¤ 1æøÓ-ø1-Π...ÀÓ-º ¤ ± -±A±ø1flj±±±±ø±-
±±ÁÚ±øMè Π± %±, ±, ø?√±± ¢ÀÚÀ-±1 øðø, X ¤Ú±±flj± -±Ú± ±ø±«ÀÓ-º, -¶¥®Ó- :?√...1 Δ-±ø @Ü... Ó-±
Δ ¤ ¤ 1 ± ±±, ¤-±±±± ±, ¤ ±Àflj± -±?√ ±ø Ó-±... -±U'ì 1%-Ú±±À1 :?√...flj±1 ?√GæÀ, ¢flj±-± -±Πøflj ±È√Ú
flj±ø1øÁ√º ¤, À, -¶¥®Ó-, ±ø √VÓ-...Ó- 'øÓ-, ~±ø1ø%-Ó- ¤Ú±±flj ±Ú-±øflj Ìò-±Ú t √√,

-Ùø1-riÈ±Èv/flj ø"√vìð-À" , Ú % -ra±À, √v f'©Üœ" , 606 - 645 % -Ú1 flj± ÆÀv±±±Ó- ^ -ra±1Ó- w" fljø1 ^ -ra±1Ó- , •§Àg
CEÈ-ra±flj± ø"ø± ΔÖ Δ.øÁv" ° ð"0.1±fljœ -Ùø1-riÈ±ÈvÀflj , ø±È- "√v"Π«-riX«Ú'±1nΠ CEÓ-ra"1 ± , Ú1 ø-ri"ΠÀ" , Ìð-À-~
fljø1ÀÁv" , ø±È- "√v"Π«-riX«Ú1 1±ÈvQ flj± 606 - 646 -ri± 647 fÈœ©Ü±s -ri≈ø" ÈvÚ± ± ± , ° ð"0.1±fljœ Ú'-ÙøÓ-1
 , ± ± ø" , flj ø"√v% -ra±À-ri-ri±l^ -A1'±ø-ri« ^ -ra± flj± ± fÈœø©Ü" , Πá-ri Ó-raflj1 CE"Π ^ -ra±.1 -Ú1± , 5" Ó-ra±sœ1 øðÖ"
 ^ -ra± -ri≈ø" øÙø(Ó-ri fljø1-ri -Ú1± ± ± , ° 4.6.5 -ri±l^ -A1 flj'øÓ-ri , "√v - , -¶¥®Ó-ri :?√... , ± ø"√vÓ-ri...1 'ÚÚ... øðøÓ-ri ^ -ra±Ò1
 -ri±l^ -A1 flj'øÓ-ri ø"√v% -ra±À-ri CEflj"ð-ri±±ÀÚ± çðLö1 Ú± , - ≈Mè "√v" , ° "ð" , ±1 ø-ri Ó-ri1ÀÓ-ri -ri±l^ -Aflj , Ó-riÀÓ-ri èflj±?
 √v§1œi'±1nΠ è"√v"Π«% -ø1Ó-ri fí - ð"ð øðø , X :?√... flj±-ri... ?≈√±Ú1 1% -ø" , Ó-ri± -ri≈ø" Ìð-À-~± flj1± "√v" , ° øfljç
 ^ -ra±1Ó-œ" , -Ú1•Ú1±"ð'±Ú CEflj"ð-ri±±ÀÚ± çðLö -ri±l^ -A1 1% -Ú± -ri≈ø" ?√±-riœ fljø1'±ø"√vÀÁv" -ri±l^ -A1 flj±?√v§1œ
 fljÓ± CE|œ1 :?√... flj±-ri... è"√v"Π«% -ø1Ó-ri fí'±±...±ø" , flj± CE|œ1 øðø , X :?√... çðLö" ±±...±ø" , flj± CE"√v±±
 CE"√vÓ-ri≈-Aflj"ð"øðÓ-ri"√v±ø , flj flj±-ri...1 ±1œÓ-ri"ðL"≈-ri«Mè"√v" , ° ±l^ -È-ri± Ìð-ri2Áv3± , Ó-ri ø-ri -riMè ð"çðLö±ÚÓ-ri
 øðÖ" ?≈√È-ri± Ìð-ri2Áv33± , Ó-ri çðLöflj±À1 ¶§-riÙø1% -ri , ± -ri-ri ± ±"ðÁÁv"±1nΠ -ri±Áv1 Ìð-ri2Áv3± , CEflj"ðÈ-ri±Ó-ri , ø±È-ri
 "√v"Π«-riX«Ú1 Èvœ±Ú -riM√v fljœøÓ-ri«Ó-ri Δ"√vÀÁv" è% -riGœ"Ó-ri flj'í Ú± 1 CE?√±œ |œ|œflj± œ1'Ú... 1±-riÚ % -riGœ1
 døÓ-ri"~"flj 102 È-ri± -riÚ?√... Ó-ri 1% -riÚ± flj1± -riœøÓ-ri flj±-ri... -ri±l^ -A1 flj'øÓ-ri -ri≈ø" CEflj±±± "√v" , ° ±±"«"ø-riSèœøí-ri Ó-ri
 ÁvμÓ-ri 1ø% -riÓ-ri ð"flj±-ri...±Ú1 Ìð-ri» , çðLö Δ"√vÀÁv" ± flj«AG" , -riÚ±±± -ri±l^ -A1 CE?√±œ ^ -øMè1 ø-ri"ΠÀ" , flj±?√v§1œ
 flj±-ri11 % -riøGflj± ± øμ11 , ≈μ1 -ri«Ú±1 -riÚ1± -ri≈øÈv-ri -riÚ1± ± ± , ° è-riÚ±-ri«Ó-riœ -riÚø1l" , í Ú± 1 -riÚ±% -riÈ-ri±'Ç" ≈Mè
 ð±Ú Ú±È-ri flj -ri±l^ -riA"ð 1% -riÚ± flj1± -ri≈ø" øðø , øX ±ÁÁv" ð"ð Ú±È-ri flj±Ú ± ±"l^ -riA -ri±l^ -ri±l^ ø" -riÚ± -ri±l^ 1% -riÚ± flj1±
 -ri≈ø" ø" -riÓ-ri CE-riÚ±±± ± ± , ° ø?√"ø-riÚ.ø" -ri flj±Àl , ðÁv. ø" -ri. ?√vœøé-riÓ-ri ±ø?√ , ±Á ±±% -ri flj , fljÀ" -ri±l^ -A1 1% -riÚ±
 -ri≈ø" ?√l^ -riÓ-ri±À1 øðøÓ-ri-riÙiß flj1± CE?√±± ± ± , ° è ≈fl±iÓ-ri±øí-ri Ó-ri flj'í fí Ú± 1 Ú±È-ri flj ±±ÀÚ øìø-riÈv" , øì Ú± 1 ΔÈvÚ
 -riÚøGÓ-ri ð.1±fljœÀ" , øSø-riSè ^ -riA ø-ri1ø% -riÓ-ri èÚ" % -ri•Ú"í flj±-ri...1 È-riœflj±Ó-ri Ìð-riÀ-~± fljø1ÀÁv" "ð" , ±À1±-riÚø1
 èø ±± Ó-ri flj'í fí'±1nΠ è"±1?√±% -riøfflji±í Ú± 1 ?≈√±Ú çðLö -ri±l^ -A1 1% -riÚ± -ri≈ø" -riÚøGÓ-ri ð" flj'í ΠÜ ±±% -ri± ± ±À1
 "ðL-ri... fljø1ÀÁv" ±1?√±Ó-riÚ" , ±1 è ^ -ri±± øðflj±'í'±1nΠ ÒÚ? , 1 è?√ 1±-riÚ flj'í çðLöÓ-ri ð"ð ?≈√±Ú çðLö1 -ri±l^ -riA1
 1% -riÚ± -ri≈ø" Ìð-riÀ-~± flj1± Δ"√vÀÁv"
 4.6.6 -ri±l^ -A1 øð" - , ± -ri-ri±l^ -riA -ri±.fÀ?√±œ , 1¶§Ó-riœ1 -ri-ri-riÚ±S'±øÁv" -ri≈ø" fljø-ri , ±ÈvÓ-ri , ≈øðø , øX CE?√±± ± ± , °
 '-riÚø1Á" , øðøÓ-ri ^ -ra±1 ¶§±é-ri1 ¶§1±-riÚ -ri±l^ -riA -riÚ±Ó-ri-ri flj± 1 fljø-ri , flj 1 øð" - , ±À1 flj'Ó-riÓÚ...° -riÚøGÓ-ri CE ±-riX«Ú±
 % -ri± ± ± "«... ð" -ri±l^ -riAflj -ri±.À?√±œ1 , ±é-ri± ± ±"ó-ri± -ri≈ø" øð" - , ± fljø1ÀÁv" ñ Èv±Ó-ri± ø" ±øGìœ øð±.f" , Ó± ø" ±Gœ
 Ó-riÓ±"√v±.2Áv±ø" øð±.f" -ri... øÓflj ±5≈- ±±lœ -ri±Àl± -ri" -riÀ±øÓ-ri±± [±" , ±« , 5' Ó-riœ , 37] 'Ó«±» CE"ÁÚÖflj øðÖ"ÁÓ-ri
 ø" ±øGìœ Δ"√v Èvlij ± ± -ri fljø1 -riÚ±ÁvÓ-ri ø" ±Gœ Δ"√vøÁv" CEÓ-riÁÚÖflj "√v" , ÀÓ-ri± ø"øflj1±-riÚÓ-ri øðflj± ± -riÚ±-riÖ"
 -ri±lœÀ" , -ri±l 1±-riÚ Δ"ÁÁv" -ri±l^ -riA1 1% -riÚ±1 ±ø"Ó-ri... Ó-riÓ± ±±± "«...Ó-ri ø-ri ≈* Δ"√v Ò"«?√± , Ú± 1 fljø-ri
 :1±fljœÀ" , CEÓ-ri"1 èø-ri?√" ≈± GÚ" fí Ú± 1 çðLöÓ-ri ΔfljÀÁv" ñ 1nΠø% -ri1¶§1-ri«-riÚ?√± 1 , ^ -ri±±±Ó-riœ Èv-ri:jÀÚ± "√v1øÓ-ri°
 , ± øflj-ri Ó-ri1nΠ|œΣ Úø"√v Úø"√v ±±lœ -ri±l , ... "Ò≈1"œ" , ...° 'Ó«±» Èv-riÓ-ri"Ú"√v1 fljÀ1±Ó-ri± , ≈μ1 ¶§1 , ≈μ1 -ri1l
 '±1nΠ 1 , ~ , œ , ^ -ra±± øðflj± ± ± œ ± ± ð"ð ±1±fljœ Ó-ri1nΠ|œ CEÚøfljΣ Ú"√v" , Ú"√v" , CE , "ð , ≈μ1 ¶§1 , ≈μ1 'é-ri 1 , ±1nΠ
 ^ -ra±± øðflj± ± flj CE , ± ± -ri±l 1 , ±ø"√vÓ-ri...À"√v° CE , ±l^ -ri-ri-riÀ" èìð-ri?√" , ≈μ1œfljÓ±í [8°5] çðLöÓ-ri "√v±fljø-ri flj±ø" ?√± , flj
 è1À , ù 1í -ri≈ø" Δflj -ri±l^ -riAflj ±±flj± è , À-ri«ù 1í -ri≈ø" ΔfljÀÁv" ñ è1À , ù 1-ri CEð¶¶Àø" % -ri flj±ø" ?√± , -ri-ri±l^ -riÓ-ri , À-ri«ù
 '1 ±ÚÀÓ-ri± ±√v¶¶Ú± fljø-ri Èv" , À?√v±± -ri±l flj fljø-riÓ-ri±1±ø-riÚÚœ flj±ø"lœ1 "√v+?√" , Ó-ri -ri± , flj1± flj± ± ±À?√± -ri≈ø"
 'ø" -riø"√vÓ-ri fljø1ÀÁv" ñ í"√v+?√" , ° øÓ-ri -riÚ±-ri±lð -ri±l^ -ri±l [øð , iß1± , ±] fljø-ri øSø-riSè" ^ -riA"ð Ú" % -ri•Ú± flj±-ri...Ó-ri
 -ri±l^ -riA1 øð" - , ± ð"ð?√vÀ1 fljø1ÀÁv" ñ í"√v+?√" , ° øÓ-ri -riÚ±-ri±lð -ri±l^ -ri±l [øð , iß1± , ±] fljø-ri øSø-riSè" ^ -riA"ð èÚ" % -ri•Ú±
 flj±-ri...Ó-ri -ri±l^ -riA1 øð" - , ± ð"ð?√vÀ1 fljø1ÀÁv" ñ í"ú"jZ±løjZÓ-riœÀ" , Ú Ú" ?√±flj±1Ó±ø1±± ÒÚ≈À"Π± øì±À-ri...Ú øÚ-
 À"À"Π± 1ø?ÀÓ-ri± ÈvÚ-ri±± "Ó«±» øÚ1ðL1 -ri±l^ -riA1 Δ , ÀÓ-ri 'ø-ri«Ó-ri ± flj±1 Ó±1œ øì±-ri... fljø-riÀ" , flj± ± CE"± flj± flj
 'Ú±1ø?Ó-ri fljø1øÁv" ø" ?√vÀ1 øÚ1ðL1 11 Δ , ÀÓ-ri -riSè ± flj'øÓ-ri-ri±1œ øì ±Mè ÒÚ≈"ð" SnΠflj Èv" , fljÀ1° fljø-riÓ-ri±1±-riÚ
 ø-riig...±È-ri±œÓ-ri øÚ"«1 ø-ri% -ri1l flj1± -ri±l^ -riAflj ø , -ri√v1" . Ó-ri Ó-ri≈-riÚ± fljø1% -rifÀ?√± Ú± 1 fljø-ri :1±fljœÀ" , øð" - , ±
 fljø1ÀÁv" ñ èCEÚ±À"Π CEflj% -riÚ" s8yø±"À" , CEfljø% -ri^À , % -ri±-riÚÀ1"√v"Ç±À1 fljøÓ-riø% -ri» , ?√vÓ« ø-ri"ΠÀ" , % -ri±Àl...

Êv±flj Îð-Ú"√v±1 ø?√' ,± ~±Ú≈√v1 ?√À1 fljÔ± Ceflj±± ÒÚé-œÀÈ-±À³ Ó-±1 øÚÊv1 fljÔ± flj-Ô ÒÀ1° ø-ig...±1...1 ?
√Gflj -ÚÓ-Ô flj± 'ð¶... ~øð1 '±|1 Ú±øÓ-?√1Ó-Ô flj± -Ú•Ú±, À1±-Ú11 -Ú±1Ó-Ô flj± '±|√j œ -Ú-é-Ó-Ó-±1 Êv±j
"√v' , ° , 1nΠÀÓ- ~±Ó- flj CÉ√1nΠ±± qflj -Úé-œÀÈ-±Ó- ø-ÚÓ-→ ø?√Ú±±Ú ' -Ú11 "√v±Ó-Ó- ~Ó-~... ~±Ó- -ÚÀ1°
^ -±...SèÀ" ðð±1é-± -Ú1± qflj -Úé-œÀÈ-± flj Ý-ø-Π Êv±-±±ø' 1 -Ú≈S "√v±1œÀÓ- -Ú±"ð ±|Ô" øÚÀ" , '±1nΠ Ý-ø-Π
Êv±-±±ø' À" , Ó-± flj CÉ?√ø± Ó-±1 -Ú" -Ú«Êv±j1 flj±ø"√vÚœ ≈øÚ, flj 1 '±-Ó- flj-Ú ÒÀ1° Îð-7jijø" , Ìœ± 1Êv±
Ó-±1±-Úœ± ' ±1nΠ -Ú±±œ ø-Ú ± , °Ó-œ± -Ú≈S % -f±-Úœ± 1 ø' ø?√Ú±±Ú Êv±j Δ"√vøÁv" CÉ, "øø?√Ú±±ÀÚ"ð 1Êv±1
~Lœœ qfljÚ±, ' ±1nΠ -ÚPœ ~ÀÚ±1 ±1 -Ú≈S Δ-Ú •Ú± , Ú1 Êv±j Δ"√vøÁv" ?≈vÀ" , ± ±Àflj À" ø-Ú?√...±ø' é-± ± - fljø1À"
"Ó±, ~" Ó- % -f±-ÚœÀÎ- ø" S Δ-Ú •Ú± , Ú ±1nΠ Δ, Ú...-±±ø"√vÚœ Δ" ø?√-fø-ÚÊv" , ±S± '±1y fljø1À" ° , Ê-Ú±SèÀ"
'À2Áv±?√ , À1±-Ú11 Ó-œ±1Ó- ø" ° øμ11 , ~œ-ÚÓ- , ≈μ1œ Ó-1nΠÌœ ~√v±Àù Ó-± flj ± -Ú±À" ±1nΠ ~√v±Àù Ó-±1
~±1 -Ú1± CÉù Ó-ÀfljÓ-~ ≈øÚ -Ú≈G1œflj1 'flj± ~"Ó-~...1 fljÔ± Êv±øÚ-Ú-Ú±
ø1À" ° Ú≈À1±Ò 'Ú≈, ø1 % -f±-Úœ± -g-Ú«À" ± fljÔ" -í' ±1nΠ flj±?√•j1œflj
CÉ?√±± -Ú±À" ° ?≈vÀ" , ± ?√≈À" , ±1
ððøÓ- '± flj±@Ü "√v" , ° "ð" , ±Ó- ø fljÀ≈vø?√Ú -Ú±ÁvÓ- % -f±-Úœ± -ø-ÚÓ-1
øÚÀ?√«' 'Ú≈, ø1 Îð-7jijø" , ÚœÖ" ððÓ-...±" Ì fljÀ1° flj±?√•j1œ± -Ú±Ó-«± Δ" -ÚSÀ" ±± ±±ø"√v-Ú-Ú≈ø" % -f±-Úœ± -ÚœÀÎ-
'À-Úé-± fljø1 Ó±ø flj ± "ð" , ±ÀÓ- "ð flj±?√•j1œ flj±-Ú...1 -Ú" -Ú«±X1" ðL -Úø1ÀÁv° -
Ú±Ì" -A1 ~"Ó-~...1 -Ú±ÁvÓ- -Ú≈S -Ú-~"Π] -A"ð Îð-M√v±1±Ò« ðð±1y fljÀ1° -ÚSÀ" ±±1 ~±1 -Ú1± flj±?√•j1œ1
ø-Ú1"√v±-Ú¶ð±1
ø-Ú-ΠÀ" , Êv±øÚ-Ú-Ú±ø1 % -f±-Úœ± -Ú...øÓÓ- Δ"√v -ÚÀ1° -ÚSÀ" ±±1 "√v±Ó-Ó- flj±?√•j1œ11 >%-Ú" -Ú±Ó-«±
CÉðð1 fljø1 Δ-Ú •Ú± , Ú1 , g±ÚÓ-?√' -Ú≈1Ö" ± ± , ° "ðf±" , ≈Ò 'ù Ó- '±À1±"√v fljø1 'À2Áv±?√ , À1±-Ú11 Ó-œ±
-Ú±À" ° ~"√v±Àù Ó-± flj Ó-±Ó- CÉ?√±± -Ú±" , ' ±1nΠ ~"√v±
Àù Ó-±1 '±-ÚÓ- Δ-Ú f-Ú±" , Ú1 ~"Ó-~... CÉ"√v±±± -Ú≈ø" qøÚ ?≈v-±Ó- -Ú±ø- -ÚÀ1° ~"√v±Àù Ó-±1 Δ, ÀÓ-
-Ú±Ó-«± ±-Ú fljø1 Ô flj± , ~" , Ó- ±ÊvÚ -ÚÊ±p11 ±-ÚÓ- % -f±-Úœ± qflj CÉ ±øÚÓ- Êv±j
ðð±5 "√v-Ú-Ú≈ø" 'ø" -Ú±Ú -Ú±±œ ÌnΠøÓ-À-±% -1 "√v" , ° % -f±-Úœ± 1 ~"Ó-~... Ê-±Ó- ~"√v±Àù Ó-±, Ó-1ø' flj±
'±1nΠ , "√v" ±Sœ, flj CÉ ± fljÓ-ø" , ~±Ú Δ"√v -ÚÀ1° '±|Ó- CÉ, "ð" , ~" , Ó- flj±?√•j1œ Îð-Ú-Ú¶ðÓ- Δ"√v øðð" , ÊvÚ1
"±À"√v CÉ?√ø± ≈ø2Áv«Ó-± Δ"√v -ÚÀ1° ~?√ÚÀ" ±±"ð flj±?√•j1œflj ±±øÈ-Ó- Ú-Ú1±Ô flj 1±À±° flj±?√•j1œÀ" ,
%-f±-Úœ± 11 % -Ú1 ?≈v±Ú Ceflj± ±Ó- Ó-~ø"
CÉ ±±±Ó- % -f1 ?√À1 CÉÊv...±øÓ- øÚ-«Ó- "√v" ' ±1nΠ Δ?√-Ú-Ú±œ Îð-2%-Ú±ø1Ó- "√v" CÉ -Ú≈G1œflj1 CÉ?√'√v-
%-fÀ" ± fljÓ- , ≈1øé-Ó- Δ"√v '±ÀÁv° 'ø%-Á1"ð ~"√v±Àù Ó-±1 Δ, ÀÓ- ø" ~Ú"√v-Ú-Ú≈ø" % -f±-Úœ± 1 Δ, ÀÓ- flj±?
√•j1œÀ1± ø" ~Ú"√v-Ú-Ú≈ø" Δ"√vÀÁv° -f1 -" ° -ÚSÀ" ±± ±1nΠ "ðf±" , "Ò" ?√' ... Δ"√vøÁv" ° , À1±-Ú11 -Ú1±
Ó-Ú-Ú¶jœœ ±1± fljœ > ±"ð ±À"√v CÉÓ-» -Ú≈G1œflj1 -Ú±±± fljø-Ú? -Ú≈ø" flj ± , ° fljø-Ú?À" CÉù Ó-ÀfljÓ-~ ≈øÚ1
>%-Ú1Ö" CÉ-Ú-±À-Ú-œÔ flj ± ±ÀÓ- ±ÊvÚ Ý-ø-Π jz±1± 'ù' Δ"√v Êv±j -Ú±-Ú"ø"ø" -5"√v" , ° CÉ, "ð Ý-ø-ΠÀ" , ÊvÚ±À"
CÉ" % -f 1Êv± Ó-±1± œ-1 -Ú≈S % -f±-Úœ± ' ±1nΠ -Ú≈G1œflj ~Lœœ qfljÚ±, 1 -Ú≈S Δ"√v Êv±j -Ú±-Ú-Ú Êv±-Úø"
~≈øÚÀ" , Ý-ø-Π, flj 1 '±-Ó- ^ -±ÀÈ-ÀÀÈ-±1 -Ú" -Ú«Êv±j1 flj±ø"√vÚœ -Ú«Ú± fljø1À" ° ^ -±ÀÈ-ÀÀÈ-±1 ððÓ" Êv±j
-Ú≈G1œflj ±1nΠ ÑœÀ?√œ CÉÓ-»1 ~±Ó-Ú 1Êv± " ^ flj -Ú" -Ú« Êv±jÓ- % -f±-Úœ± ±øÁv" ° ~"√v±Àù Ó-±1 '±|Ó-
flj±?√•j1œ1 ¶Ú" «Ó- % -f±-Úœ± Êv±œ±Ú ± - fljø1À" ° ± -Ú1"ðL -Ú1± fljÀ-Ú" ^ flj1 ðð±1 % -f±-Úœ± 1 1œ1Ó-
ðð±³ fljø1À" ° % -f±-Úœ± Îð-7jijø" , ÚœÖ" ±ø"√v ±Rœ" , flj 1 ?√' «Ú ø?√À" ° % -f±-Úœ± CefljøÓ- , ±-Ú±
Îð-7jijø" , ÚœÓ- , CefljøÓ- , ±-Ú± flj±?√•j1œ1 Êv±j "ø" CÉ"√v" fljÊ-Ó- ±1nΠ CefljøÓ- , ±-Ú± CÉ1±ø"√v1œ± -Ú±, ¶ð±Ú
%-fÀ" ± fljÓ- -Ú±, fljø1-Ú Òø1À" ° 4.6.9 -Ú±Ì" -A1 flj±ø-Ú... flj Δ-Úø" @Ü - , -¶±@Ó- ?√'... flj±-Ú... Êv-Ó-Ó- -Ú±Ì" -A
'Ó-~"Úœ" , Ó-Ó± 'ÚÚ... ?√'... flj±1° ~"√v± fljø-Ú flj±ø" ?√À, -Ú?√'... -Ú± ~"√v± flj±-Ú...±ø?√ 1%-Ú±1 CÉé-SÓ-ø" ¶ð±Ú
± - fljÀ1 -Ú±Ì" -A"ð øÚ, ÀμÀ"√v :?√'... flj±-Ú...1 CÉé-SÓ- CÉ, "ð ¶ð±Ú ± - fljÀ1 -Ú±ø" , fljÀ" ±À³ ±Àflj ~À± ¶j1œflj±1 fljÀ1°
-Ú±Ì" -A"ð , ≈ððø, X :?√'... flj±-Ú... ?≈v±Ú Δ"√vÀÁv flj±?√•j1œ ±1nΠ "√v"Π«%-ø1Ó- , -¶±@Ó- 'Ç±1 ±¶a1
?√ø@ÜÀflj±ÀÀ1
flj±?√•j1œ fljÔ± CÉÌœ1 :?√'... flj±-Ú... ' ±1nΠ "√v"Π«%-ø1Ó- '±±...±ø" , flj± CÉÌœ1 :?√'... flj±-Ú... , ≈
ððø, X"Ç±1 ±¶a, ~"√vÓ- , ≈øÚø?√«@Ü flj1± flj±-Ú... ±¶face" , "é-Ú ?≈vÀ" , ±±ÚÀÓ-ø, X CÉ"√v±±± CÉ?√±± ± ± , ° ±"ð ?
≈vÀ" , ±±Ú1 ø" -Ó-1Ó- flj±?√•j1œ -Ú±Ì" -A1 , -Ú«Àjâ- flj±ø-Ú ðð flj±Ó-±Ó«Ó- ±±Ú , À-Ú«±» flj±@Ü 1%-Ú± "√v-Ú"Ö"
ø" -À-±1 flj±ø-Ú... flj Îð-Ú-Ú±?√±Ú1 , ≈-Π" ððÀ" , ± ððÀ" , ±ÊvÚœ" , -Ú±Ì" -A1 flj±?√•j1œÓ- ±"ð ±Ê-±"ðÀ-Ú±1 Îð-Ú-Ú±?
√±ÀÚ"ð Îð-Ú-Ú" t "√v" , ° -Ú±Ì" -A1 % -Ú" » flj±1-Ú" « -Ú«Ú-ΔÚ-Ú≈Ú... , øÓ- , "Ñ -Ú" «...À-Ú-Ú øMè , øMè ± œ Ó-Ó±
"Ó±"Ó % -ø1Sø%-SÌ, -Ú«Úœ" , ø-Ú"Π" , -Ú"Ú'Ú≈, ø1 :?√'... Ö" œ Ó-Ó± "ÀÓ±-Ú ≈Mè" s%-Ú , Ú , s± - flj±1 ±1nΠ
'Ó«±" - flj±11 flj±ø-Ú... flj CÉ, Àμ" «...1 ðð±% ≈" «... , ð flj±ø-Ú1 ΔÚ, ø« flj 1-Ú± ø%-SÌ, Ó-?√±ÚœøLÚ , ~±Êv±Ú1 ø' é-± ,
-¶±@øÓ- , 1±ÊvÚœøÓ- , CÉ ± fljø-Ú ± , CÉ ± fljÚ... ± , 1±ÊvÓ-La , ± ±ø1 flj Êv±œ±Ú, 1Êv±1 -Ú1± ±1y fljø1 -ÚX
Ó-Ú-Ú¶jœœ ±1... flj Êv±œ±Ú "ðÓ-...±ø?√ , fljÀ" ±À-Ú±1 ø?√ À1 , Êv±œ± Ó-Ó± , "Ñ±øÓ- , "Ñ -Ú«Ú± ± flj ±"«Ìœ" , 1-Ú-ÚÓ-
Îð-Ú-Ú" t "√v" , °

ri+flj...À-ri+1ÀÓ-ri+0-ri+0±, 'Ç±1 '±AAV' ±1nΠ -ri+À-ri+0 -Ú01 "√±1 flj01 -ri+«Úce', -rid1 CE' ±, "S 1é-ri+ flj01-ri+
-Ú1± ' ±, ° -Ú"Àì«±-Ú" ± Ç±11, ~≈-Ú0¶000-ri+ flj±?√.§1ceÓ-, Ó-ÀÓ-ri+%-f≈iÓ-ri+ÚA1° Î0-ri+√± "√±1 ¶§1+À-Ú "Ñce1
-ri+«Ú± ðð, eÓ-ri+0ÚÀ ±Mé, ≈µ1 -ri+À³ -Ú≈Àì«±-Ú" ± CE?√± ± ±, ñi', Ó±', Ó± CE%-ri+, - %-ri+Ú" ± ?√ce-Ú...ÀÓ-
Ó-Ó± Ó-Ó± ?√ce-Ú0 À³± flj7ijj "ø ÚÀ" ± flj « CEflj" ± ≈jZ'0Ó-ri+'Ó«±» ø "ri+À³" ð" ð .1±fljce %-ri+ = ± [Ñce]
'±0-ri+«-ri+0± "√", CE, "ð?√A1" ð ?√ce-Ú0 ± ± ð flj±ÉV' Î0-ri+Ú±?√Ú flj1±1 ?√A1 "ø Ú flj « ððflj0É-Ó-ri+ fljA1° ±AÚ?√A1
ðð±', ððÀÓ-ri+flj -ri+Ú±S Ó-Ó± -ri+Π', 1 Î0-ri+Ú¶0±-ÚÚÓ-ri+Î0-ri+Ú" ±, Î0-ri+Àððé-ri+ Ó-Ó± 1+-ri+Úflj± Ç±11 "ø0flj±00flj
ððÀ', ±, -ri+Ú01'ðé-Ó-ri+ "√", ° -ri+Ú01, -ri+...± "Ç±11 ððÀ', ±, Ó-ri+ri+1' -ri+A, ?'√' flj0-ri+?≈√' «-ri+ri+ø' fljA' » 'Ó≈-ri+øMé flj1±
Ú"√", ° 1É√± "ri+flj, Î0-7ijj0', Úce Ú.1ce, Ú-ri+Ú0Ó-ri+Ó-ri+1±-ri+Úcei-ri+ 1 -ri+«Ú± "ðÓ-ri+...±0?√Ó-ri+Ú01, -ri+...± "Ç±11 ø%-SÀì
-ri+«Úce', -rid1 "ri+√Q'ø0flj %-ri+ »flj±1-ri+Ú"i« Δ "√' Î0-ri+0-ri+ÀA√° Î0-ri+?√± "√±1 ¶§1+À-Ú Ó-ri+1±-ri+Úcei-ri+ 1 ±, Úflj± 1
-ri+«Ú±Ó-ri+ ððÉ√±.11 -ri+«Ú± ±sae -ri+Ú01, -ri+...± ±1nΠ CE±-ri+Π' Ç±11 ø%-SÀì1 "ri+Ú±çð±"√±ce 1+-ri+ÚÓ-ri+
Î0-ri+Ú¶0±0-ri+ÚÓ-ri+ CE "√±±± CE?√± ± ±, ° i', ø¶Ú(1±ÉV0Ú ø.1ceÚ±-ø³-ri+Úé-ri+± ððÓ-ri+... ±, Ú±-ri+ -ri+Ú1Q' f, ?
√-ri+Ú«Ú±Ú± "ø"ri+~±±-ri+¶0±Ú" f, "ri+ -ri+Ú01±ÀÀ" ?√G çð "√" f±i' "ðÓ-ri+...±0?√° 'Ó«±» èCE, "ð Ó-ri+1±-ri+Úcei-ri+ 1 ±, Ú flj± Ó-ri+
-ri+Ú-ri+Ó-, "ri+√±1 ø-ri+Úé-ri+Ó-ri+ 'Ó«±» -ri+Úé-ri+ "√±ceÚÓ-ri+ ±øÁV' ððÉ√±.11 ~ri+ÉVÓ-ri+ SnΠÓ-ri+ Ú±øÁV', ððÓ-ri+... ±, 1
CEé-SÓ-ri+À"√ -ri+Ú1Q' ±øÁV', ððÉ√±.11 ±ri+ÉVÓ-ri+ SnΠÓ-ri+ Ú±øÁV', ?√-ri+Ú«Ú1 CEé-SÓ-ri+À"√ "ø"ri+~±±øÁV' ððÉ√±.11
~ri+ÉVÓ-ri+ Ú±øÁV', "ri+√±À?√±1 "øM√±√±1 CEé-SÓ-ri+À"√ ?≈√-ri+«±1 ±ri+À±-ri+Π' 'Ó«±» ±ø' eÚ ±ri+øÁV' ððÉ√±.11 ~ri+ÉVÓ-ri+?≈√-ri+«1
-ri+gÚ Ú±øÁV', "ri+√± -ri+ri+1Ó-ri+Ó-ri+À"√ ?≈√-ri+ ±, Ú1 -ri+Ú1±Ó'ri+ ±ri+øÁV', ððÉ√±.11 ±ri+ÉVÓ-ri+?≈√@Ú ±, Ú1 ri+ Ú±øÁV', -ri+, 1
-ri+Ú01± Ó-ri+À"√ ?√G 'Ó«±», ±ri+0-ri+Δ' øÁV', ððÉ√±.11 ±ri+ÉVÓ-ri+?√G ø-ri+0±Ú Ú±øÁV' "ðÓ-ri+...±0?√°i±"ð?√A1, "çð
çðLöþÚAÓ-ri+ s± -ri+flj±1 ±1nΠ 'Ó«± Ç±11 ðð±%-ri+ «... -ri+ri+1' -ri+A1 ?√...1 'Ú...Ó-ri+ Δ-ri+ø' @Ú...1+À-ri+Ú ø%-øSÓ-ri+ CE"√±±±
CE?√± ± ±, ° 1, "ri+√±1, "ri+flj'ø"ri+ri+...?Ú±1 Ú-ri+Ó-ri+ flj±ri+...1 Î0-ri+flj±Π'Ó-ri+± ððflj0É-ri+Ó-ri+ "√", ° -ri+ri+1' -ri+A1 -ri+«Ú±Ó-ri+
-ri+Ú±S, "ri+√±1 ±ri+À-ri+Ú≈-ri+øÓ-ri+1 "ri+Ó« ððflj±" Î0-ri+Ú" t "√", ° CE, A', ðð±%-ri+ceÚ, ~ri+À ±%-ri+flj Ó" «?√±, 1 Î0-øMé ñ
i1nΠø%-ri+¶§1-ri+«ðð?√± 1, ^ri+±±Ó-ri+cei ñ fljÓ±Π±1 flj±?√.§1ce1 -ri+Ú±S, "ri+√±1 ø%-SÀìÓ-ri+ CE?√± ± ±, ° flj±?√.§1ce1
flj±ø"√±Úce CEðð"ri+flj±' Ó±Ó«ÀÓ-ri+ ð' e±11, 1 ðð±0±Ú... -ri+øì«Ó-ri+Δ"√±A√° , Ày±' ±1nΠ -ri+øðð' y" ð ?≈√ø-ri+0 CE"ri+À?
√A1, "ri+X' Ç±1 ±ri+¶AÓ-ri+øì«Ó-ri+ ±" ð ?≈√A', ±ø-ri+0 CE"ri+√A1, ~ri+flj ø%-Sì, øÉ-ri+ÀA√ flj±?√.§1ceÓ-ri+ flj±?√.§1ce1 ~ri+±...1,
ø-ri+øð' y' e±1° -ri+Ú≈G1ceflj ±1nΠ "ri+√±ÀÚ" Ó-ri+±, %-ri+f±-ri+Úcei-ri+ ±1nΠ flj±?√.§1ce ñ" ð ?≈√" ð "√±± CEððø"ri+flj-
CEððø"ri+flj±1 ððì', flj±ø"√±Úce1 "±"•§Ú flj01 flj±?√.§1ce1 flj±0±-ri+±. ±-ri+ri+øð-ri+ÀA√° 'À2ÁV±?√, A1±-ri+11 Ó-ri+ce1Ó-ri+
-ri+Ú≈G1ceflj ±1nΠ "ri+√±ÀÚ" Ó-ri+±1 -ri+Ú1¶Ú11
~ri+ÉVÓ-ri+?√' «Ú, ¶Ú « ±ø?√1 -ri+«Ú±Ó-ri+, Ày±' e±1'ø"ri+ri+...ø?Ó-ri+Δ"√±A√° CEÓ-ri+ÀÚ?√A1 .g-ri+«À" ±flj1 fljÚ...±ðL-ri+Ú≈1Ó-ri+
flj±?√.§1ce ±1nΠ %-ri+f±-ri+Úcei-ri+ 1 -ri+Ú1¶Ú11 ðððÓ-ri+Ú≈1±±ø?√ -ri+«Ú±Ó-ri+, Ày±' e±11'ø"ri+ri+...?Ú±, øÉ-ri+ÀA√° flj±?
√.§1ceÓ-ri+, Ày±' e±1-ri+øì«Ó-ri+Δ"√±A√° ø?√-ri+ri+1' -ri+A1 ~ri+±øÉV«Ó-ri+ 1nΠø%-ri+ -ri+Ú01%-ri+, 'Ú≈-ri+øÓ-ri+ "√", øflj, AÚ±
flj±AÓ-ri+±' ù±ce' Ó-ri+±, ~ri+ -ri+«Ú± CE?√± ± ±, ° flj±?√.§1ceÓ-ri+, Ày±' e±1Ó-ri+0flj'ø0flj'øMé ±'ce 1+-ri+ÚÓ-ri+ø-ri+øð' y'
'e±1-ri+øì«Ó-ri+Δ"√±A√° eÚ ø-ri+øð' ÀyÚ ø³Ú±' e±1-ri+Ú≈ø@Ú'ùù≈AÓ-ri+ñ" ð Î0-øMé ±1ce1' Ó±Ó«Ó-ri+± flj±?
√.§1ceÓ-ri+ -ri+Ú01fÓ-ri+øÚ-ri+øÓ-ri+Δ"√±A√° -ri+Ú≈G1ceflj1flj±-ri+Ó-ri+±ÚÓ-ri+ "ri+√±ÀÚ" Ó-ri+±1' Ú1' ±ri+¶0± -ri+«ÚÓ-ri+ø-ri+øð' y' e±1
Ú≈-ri+øÉ-ri+Î0-ri+0-ri+ÀA√° , -ri+¶±0Ó-ri+' Ç±1 ±ri+¶AÓ-ri+èflj±?√' ±i-ri+«Ú± ðð, eÓ-ri+Î0-ri+À± flj1± ±ri+Éri+±' ±ri+¶0±1 ø%-øS' flj±?
√.§1ceÓ-ri+ Î0-ri+Ú" t "√", ° ø-ri+ri+Ú±Ó flj±ri+1±ri+ÉV, ±ø"√VÓ-ri+...?√-ri+Ú«iÓ-ri+Î0-ri+À± flj1± ?√"√±ø-ri+0 flj±?√' ± "√±" ñ
'ø"ri+ ±-ri+Π(ðL± ¶Ú'øÓ-ri+øflj±0ÀÚ±ÀjZ', .x ±-ri+Ú±(É Î0-ri+ij±A?√±"√VÓ -ri+...±ø0ÉV«i-ri+Ó-ri+± "ri+Ó≈-ri+...ø10Ó-ri+?√' ±"√S flj±?
√' ±-ri+° [±, ±ø"√VÓ-ri+...?√-ri+Ú«i 3°190] 'Ó«±»' -ri+ce@Ú ðð±ø51 "ð2ÁV±, -ri+Ú1¶Ú11 ðð±ø51 -ri+ri+À-ri+ri+±-ri+ø±-ri+ø±" ð ø%-øL±,
¶Ú11, øflj±ceM√±√±«Ú, Î0-ri+ÀjZ', ðð ±-ri+Ú, Î0-ri+ij±?√, -ri+...±ø0, ÉVri+ Ó-ri+± ±1nΠ "ri+Ó≈-ri+... ñ" ð ?√"√É-ri+± Δ"√±A√° ~?
√Ú-ri+Úceøri+ Ó-ri+1' ±ri+¶0±, -ri+¶±0Ó-ri+, ±ø"√VÓ-ri+...1' Ú...±Ú... flj±ri+...Ó-ri+ø%-øSÓ-ri+ Úflj1± è' 'Ó≈-ri+...i' ?√' ±-ri+ri+1' -ri+A" ð
-ri+Ú≈G1ceflj1 ðð±ø1 Ó-ri+...±1 jZ±1± ø%-øSÓ-ri+ flj±1ÀA√° %-ri+f±-ri+Úcei-ri+ 1 ø-ri+1"√VÓ-ri+è-ri+...±ø0i Ú±1 flj±?√' ±Ó-ri+ "ri+ø-
Óflj± flj±?√.§1ce1 -ri+ri+À-ri+ri+1' -ri+A" ð ø"√" : "ri+√±1'ø"ri+Ú± -ri+«Ú± ø?√±A√° flj1nΠì 1, 1 ø%-SÀì± flj±?√.§1ceÓ-ri+ Î0-ri+Ú" t
"√", ° flj±0± ~ri+±Ó-ri+øì«Ó-ri+øÚá≈-ri+ri+...±ri+0ÉVÁÚ ^ri+ri+ÀÈ-ri+À %-ri+1±" ð CEflj±"ðÉ-ri+ri+ri+Ú1Ó-ri+ flj1± 'Ó-ri+...±%-ri+±11 -ri+«Ú±Ó-ri+
qflj ±ri+flj±0É-ri+1 ~ri+±Ó-ri+ø-ri+ÚÓ-ri+ø-ri+À', ±1 -ri+«Ú±Ó-ri+ flj1nΠì 1, 1 Î0-ri+ÀA√ flj± "√", ° -ri+Ú≈G1ceflj1 "ri+Ó≈-ri+...Ó-ri+ "ri+√±ÀÚ" Ó-ri+±1
ø-ri+±-ri+Ú, flj±0-ri+Ú? 1 CE ±flj ±ø?√Ó-ri+ flj1nΠì 1, 1 -ri+Ú01¶E≈-ri+11, øÉ-ri+ÀA√° ~ri+Ó-ri+e Ú±1' -ri+ri+1A, i±-ri+Ú0Ó-ri+1' : , ± -ri+«Ú±Ó-ri+
CE1A' 1, 'Ú≈-ri+Ó-ri+ "√", ° ±ri+Ú"√±AÓ-ri+ %-ri+f±-ri+Úcei-ri+ 1 ø?√.fø-ri+ÉV', ±S±Ó-ri+ri+ce1 1, 1 ¶E≈-ri+11, øÉ-ri+ÀA√° CE-ri+Ài-ri+ce1
1ceøÓ-ri+1, ~ri+flj ððflj±, É-ri+± CE, "ð -ri+«Ú±, "ri+√-ri+ce1 1, 1'ø"ri+ri+...?Ú±A1, "ri+X' ~ri+ : , ± 1Ó-ri+Δ, Ú...1 %-ri+± %-ri+ÚÓ-ri+ø-ri+g...
±ri+É-ri+ce1' 11...1 ÉVce±-ri+ÉVc1 ~ri+ÉVÓ-ri+ -ri+, ±ri+Úflj 1, 1'ø"ri+ri+...øMé Ú≈-ri+øÉ-ri+Î0-ri+0-ri+ÀA√° ^ri+±ø³ri+À?√' ce', -ri+X' Ó±ø"ri+flj1
'æ±VÓ-ri+ flj± "ri+...flj ±ri+À-ri+Ú -ri+ce"ri+, 1, 1 Î0-ri+ÀA√ flj±A1° -ri+, ðLÀ1±.1 -ri+ri+À-ri+±Ó-ri+ CEÚ-ri+±"√±1 ø%-ri+ÀÚ ø-ri+flj±Ó-ri+ flj1±
'ø¶flj±À?√±ce1 ~ri+øµ11 "øÉV", ±Ó-ri+ CE ±ri+± -ri+ri+À-ri+ri+ flj± ±-ri+111, Ú...±, ceÉVÚ1 flj±Ú±1 CEÉ-ri+~ri+Ú± -ri+ri+øri+Δ' øÁV° øÉ-ri+±
%-ri+f≈ri+À1 CEÚA?√± -ri+ri+À-ri+ø?√ÚAÓ-ri+, ≈ø1 Ú≈-ri+1± CE-ri+ÚÉ≈-ri+± -ri+XÉVÁÚ -ri+ri+ri+±1 -ri+ri+µ11 Ú±1 ±"À%-ri+±1 ±±"ðøÁV°
^ri+± ≈ri+flj ±"ri+%-ri+ø1 ± ± øÁV1±øÁV1 flj±0±ÁV° øAÚ0111 ø-ri+øð¶±Ó-ri+«Ú±Ó-ri+ -ri+ce"ri+, 1, 1'Ú≈-ri+± ÉV±-ri+Ó-ri+ "√", °
±"ðÉVÚ-ri+XÀ1 ±ri+ÀfljÀ øflj±≈ri+±Ú flj±± «... "ð"√±±, ...

CE ± flj-Ú1•Ú1± "óÓ...±ø?√ ò π°, Ó-Ó±, ±-¶¥@øÓ-flj ø?√ '1 ± ^-±, ø?√À°, °%-f±-Úœl-~1 ø' é-± çø" √l1
-il«Ú±Ó-ø ð±%-œÚ ^-±1Ó-1 -U ø-ø¶¥Ó-Ú±í-...Sê'1, ~...flj Á√ø³ ±Ú ø-ø%-±ø1 CE-Ú±³ ± ^, ° &1nΠfl±
ø' é-± -...³¶ö±1 ' - ø" √l%-±À-1 ±É√-Ú≈S %-f±-Úœl-~1 -...±flj1, ~œ ±-±, Ú...±', Δ-íÀ' ø-Πflj ±ø?√?√ «Ú,
~ij±ø?√ Ò « ±¶a, qSê±%-± «... flj± μflj±ø?√1 1±É√ÚœøÓ- ±¶a, -...±, ±' ø' é-±, ÓÚ≈%-Sê-%- «, fl'-Ú±Ú
CEÓ-±'1, -Ú1q, ?√± ±ø?√'¶aø' é-±, 1Ó-É√-ú ±Á1±" √√Ú1 øðø' é-í, -íœl±-CE-í-í, ≈1É√-flj1Ó-±' - ?≈√?≈√-1-ÚÈ-±ø?
√ -í±?√... ø' é-±, Ú'Ó-...ø' é-±, ±g-í«ø-í?√...±, "√÷ø¶œø' é-±, Ó≈-1-íÀ', ±:±Ú, -Ú≈1nΠ-Π' é-í, ø%-Sflj ~ «, "LaÁ2Á√?
√..., -Ú≈ø¶flj-í-...±-Ú±1, CE' ±...flj ~ «, ?≈√...Ó-í±, 'g ±¶a, fl±øÚøÚ1+Ó-:±Ú, çø" √√-ø1Ó-, 1P -Ú1œé±, ?√±1nΠflj ~ «,
·É√?√÷L-í-...±-Ú±1, -í±dø-í?√...±, ±' ≈Á-í«?√, ~La-í-...±-Ú±1, ø-í-Π±-Ú" √√1, ≈1±e-ÚÁ ^-?√, , ðL1, ~, ð, ø≈øÓ-,
'±Á1±" √√1, 1øÓ-Ó-f, "øÉ√±', fljÓ±, Ú±É-í-flj, ±±...±ø', flj±, flj±-í..., ~" √√± ^-±1Ó-, -Ú≈1±, "øÓ" √√±, 1± ±', Ì,
, -í«ø' ø-Ú, ø-ø-í-í ^-±-Π±:±Ú, , -:±:±Ú, , -í«ø' ä, Á√μ, ø' ä ±ø?√ flj ±, ~" √√ ±" ø?√Á1 -í±-Á1 1%-Ú±Ó- Ó-?
√±ÚœøLÚ, ~±É√±Ú1 1±É√Ó-La1 ¶¶1+Ú, ±, Ú -í-³¶ö±, 1±É√÷ø±, ±?√1 ø%-±, ±' ø1flj -í-³¶ö±, -í«ø' øð±, ø-í-í±" √√,
-Ú≈S É√ij ±ø?√, -¶@±1, øMê-Ú'É√±, Δ-í-ø?√flj Ó « "óÓ...±ø?√1 øðøÓ-Ú-Ú, øÈ-ÁÁ√ø 1±É√fljœ', É√œéÚ1 ^-ÁÓ-
'±1...flj É√œéÚÁ1± Á√-í-ø-í-±ø±1 CE-Ú±³ ± ^, ° 's, y±11 øð±%-≈ «... -í±í ^-A1 ?√...Ó- 'Ó≈-Úœé, ° ±Áflj±É-±' s1
'ÁÚflj -Ú «...±', -í±%-flj 'sÁ1 -í±í ^-A1 1%-Ú±, ~øX ± œé flj±?√.¶1œÓ-ø ð≈Mê 's, y±11 ?≈É-± ±Ú Íð-?√±" √√1 ?
√±ø, √√ Ò1±" √√í ° flj ~ ñ -ÚÇÉ√, -ÚΩ, fl±±', , '·¶≈É√, Íð-»-Ú', 1±É√œé, Á1±É√, Úø' Ú, '1ø-íμ, Ó-±'1, fl±Á' ^-Π±,
'·¶≈1nΠ" √√, -Ú≈G1œflj, -ÚÁÇ1nΠ" √√ "óÓ...±ø?√ø flj± ^?√³ ñ fljμ-Ú, fl±, ≈ ±', ≈Ò, 'Úe, flj±, -Ú= '1, fl±, ≈ ~'1,
~flj1ÁfljÓ≈, ~ÁÚ± ^-³, ~ijÓ, ~flj1ÓiÉ√, ~Úø, É√, ~flj1 ±ølt;Ú "óÓ...±ø?√ø, ~" √√ ñ, -" √√øÓ-, ±Ó, CE-ÚÈ-í-flj, -ÚÈ-í,
øÚfljÉ-í, -Ú≈?, -í, -í±Ó-, ?√', flj-Ú±, ~G', É√±, øÚ-í" √√, 1±ø', fl±, ~, ≈Ò, -íμ, çø±', øðflj1, flj±?√.¶flj, É√±, ~, =',
øÚ%-', "óÓ...±ø?√ø' s ñ øÚÚ±?√, ÒiøÚ, 1ø1Ó-, 1ø, Ó-, Á-Ç±1, CEfljÇ±1, Ú±?√, CEflj± ±" √√', øÚ-¶¶Ú, flj flj', 1³, .., «1,
U-flj'Ó-, \$jø1Ó-, ø-í-1nΠÓ-, øÉ√«Ó-, fl±øÉ√Ó-, È-í-flj±1, Á-Ú-Á-Ú, %-œé»flj'Ó-, ¶¶Ú, ¶¶1, CE, ±-Π, Òi±Ú, }√√±,
"óÓ...±ø?√ø ±ÁÚ±Á-í±1 Δ-í-ø' @Ü...Á1, ~'X, ?√...flj±-í-... É√-Ó-1 ~"ÒÜ...Ó-?√...flj±1 -í±í ^-A ~" √√±flj±-í, flj'1 'çø1...
'øjZÓ-œ', %-≈-í-± øi ø" √√%-±Á-í-íμÚœé', Δ" √√ ±ÁÁ√ø flj±-í CE, ±Íf-í-1 ~òL-í... CE, Á', Á" √√ ^-Ó±Ó-ÁÓ-í" ð
çø" √√lœé', Δ" √√ Ò±øflj-í ñ ±±-œè' 1- " √√÷LØ ^-É√ÁÓ- " √√ø ^-Úμ ^-ÁÓ«ú' 1-³±flj±-ÚøÓ-1±É√ ~œÁí-° 1Á, ú' 1-
Àø¶Áø ~ %-flj±ø?√±, -í±Ú-Ó≈, Á-í«ú' 1 ~±ÚÁÓ-±" √√ø¶ú°
É√±øÚ Ó" ±" √√± -
í±í ^-A, -¶¥@Ó-, ±ø" √√Ó-...1'øjZÓ-œ', -?√...flj±1° -í±í ^-A1 øðø, X ?√...flj±-í-... ?≈±Ú - èflj±?√.¶1œé' ±1nΠ
è" √√-Π«%-ø1Ó-í°
èflj±?√.¶1œé' fljÓ± CE|œe1 ?√...flj±-í-... '±1nΠ è" √√-Π«%-ø1Ó-í' ±±...±ø', flj± CE|œe1 ?√...flj±-í-...° flj±?√.¶1œe1 ?≈É-±
^±- - -Ú"í«±
Ó « '±1nΠ Íð-M√√√1±Ó« -Ú"í«±Ó« -í±í ^-A1 1%-Ú± '±1nΠ Íð-M√√√1±Ó« CEÓ-»'1 -Ú≈S ^-í-Πí ^-A" ð 1%-Ú± fljÁ1°
flj±?√.¶1œe1 Íð-», çøLÖ CE, ~Á?√³1 fljÓ±, ø1», ±1° 'çø-øÓ-1 øðÓ-', ±Ú 7 Ú- øðüü - -í±í ^-A1 flj±?√.¶1œe1 flj±ø" √√Úœ
ø%-S11 >-Ú1Ó- '±Á ±flj-Ú±Ó- flj1flj° 8 Ú- øðüü - flj±?√.¶1œe1 %-ø1S ø%-S1, •ÚÁflj« ±Á ±%-Ú± Íð-Ú¶ö±-ÚÚ
flj1flj° 9 Ú- øðüü - -í±í ^-A1 -í«Ú ΔÚ-Ú≈Ú...1 ± ^-±, ?√±ø, √√ Ò1flj° 10 Ú- øðüü - -í±í ^-A1 ?√... Δ' œe1 >-Ú1Ó-
ø-í-ø¶¥Ó- '±Á ±%-Ú± Íð-Ú¶ö±-ÚÚ flj1flj° 11 Ú- øðüü - flj±?√.¶1œe1 1, ø%-S11 >-Ú1Ó- øÈ-í CEÈ-±flj± øðdÓ-
flj1flj° ±R~" ~...±', Ì øðüü 4 Ú- øðüü - -í±í ^-A1 flj±ø-í...flj Δ-í-ø' @Ü... , -¶¥@Ó-, ±
ø" √√Ó-...1 ?√...-flj±-í-...1 ±?√' « Δ" √√ -Úø1øÁ√ ~ -í±Á-íÁÚΣ 5 Ú- øðüü - -í±í ^-A1 flj±ø-í...flj Íð-Ú±?√±Ú1
ø%-S11 >-Ú1Ó-, ≈ø-í-ø¶¥Ó- '±Á ±%-Ú± Íð-Ú¶ö±-ÚÚ flj1ø1-í-Ú±ø1 -í±ø ~ ^-±Á-íÁÚΣ ~øMê, ~" √√flj±Á1 CE?
√±³± ±" ø?√', flj° 4.6.10 ?√Gœe ?√Gœe, -¶¥@Ó-, ±ø" √√Ó-...1 'Ú...Ó- ~ ±1±flj±ø øðø, X ?√...flj±1° ?√Gœe1 É√œéÚ flj±' 1
ø-í-Π

?√Gœ ?√±øé-í±Ó-...-í±, œ '±øÁ√' -í±ø ~ -í±U Ó-Ó... Íð-í±Ú' t "√", ° ø-í±À' -ΠÖflij ëfli±-í±...±?√' «í, ë?√' fl≈í ±1-
%-ø1Ó-í±Ó- Íð-À~ø±Ó- flj±=œ, ≈ÑÁ?√', ~±È-À?√', Íð-7ijjð', Uœ, ±±øLœ "ðÓ-...±ø?√' ¶ö±Ú1 øðøÓ- Öfli±
-Úé-í±Ú±øÓ-Q"ð"ð" ≈øMê, ~Ó«Ú fljÀ1° ±Ú"√±ÁÓ- ø-í±?√' -« Ú:1œ1, Ú Íð-À~±, Δ-í±?√' -π 1œøÓ-1 øð±%≈-...
'±øLœ, ≈μ1œ1 -í±«Ú± ±ø?√'Á', ?√Gœfli ?√±øé-í±Ó-...-í±, œ "√VÀ" > ø-í±?√' -«1 Δ, ÁÓ-, - ≈Mê ±øÁ√' -í±ø ~, ~Ó«Ú
'±-í± ±', ° ?√GœÀ', flj±=œ1 -Ú' f±1±È√fl≈í 1 Á√SÁ√±, ±Ó- flj±-í±... 1%-Ú± flj±ø1Á√' -í±ø ~ "ðøÓ-√±, ±1nΠ
øfli±¶?√øLœ1, ~Ó«Ú Íð-í±Ú' t "√", ° 4.6.11 ?√Gœ1 ±ø-í±«-í±± flj± - , -¶¥@Ó-, ±ø"√VÓ-...1 øð±', fljÀ ±À-í±1
~"√±flj±ø-1 È√ij¶ö±Ú, flj± ±ø?√1, øí-flj, X±øL ÚÖfli±1 ?√Á1 ?√GœÀ1± ±ø-í±«±± flj±, •¶Ág ø' -í±ß' Ó- CE?√±±
'±', ° ±Èœ@Uœ', Ú± ~ øÓ-flj±Ó- 1ø%-Ó- CEfli "ð-í±±ÁÚ± çðLöÓ- ?√Gœ1 Ú± 1, ≈¶U@Ü Íð-À~± CE-Ú±± ±',
"ð', ±1 -Ú1± -í±È√± ±', ?√Gœ Ú± ~ øfliÓ-±1 ±1 flj± 1 "√V-í± ±ø-í±?√Gœ1 flj±-í±...±?√' «Ó-, ^-í±, flj±ø ?√±,
'±1nΠ -í± ±' -A1 1%-Ú±1, ≈¶U@Ü øð ±± Íð-í±Ú' t "√", ° ?√Gœ1 1%-Ú±Ó- -í± ±' -A1 ?√...1 øð ±±, '±?√' « Ó-Ó±
fljÀÚ±1 øð ±± øðø, X, ~±Á ±%-flj flj ±ΠÚ ~±%-±ø1', ±Á1 ø-í± ?√' -í±±± CE?√±±± "ð ø?√ÁÁ√ -í± ±' -A 1È√ ±|œ"√ ±Π«1
[#: 606-86] 1±È√, ^-í±, ^-í±flj±ø-í±øÁ√' -í±ø ~, -í±, ijÓ-ø, X±øL Íð-í±Ú' t "√", ° øÓ-Áfli -í± ±' -A ±1nΠ ?√Gœ1 flj±
, 5' øÓ-flj±1 ±ø?√' -í± -í±ø ~ çð"√V flj±ø-í± -Ú1± ±', ° -í± ÁU ëfli±-í±...± Ç±1, "S-í±øM√V flj± çðLöÓ- 1œøÓ-ø, X±øL1
'±Á ±%-Ú±Ó- ?√Gœ1 flj±-í±...±?√' «1 øð ±± flj±, ~±Á ±%-flj, fljÀ CE?√±±± "ð ø?√ÁÁ√ -í± ±' Ú1 ø¶öøÓ-flj± ±' -
800' øÓ-flj± -í±ø ~ ^-í± ±' "√", ° øÓ-Áfli øÚø(Ó-í±±± ?√Gœ1 ø¶öøÓ-flj± ±Èœ@Uœ', 5' øÓ-flj±1 ±ø?√' -í±
-í±ø ~ ^-í±ø±-í± -Ú1± ±', ° 4.6.12 ?√Gœ1 flj±øÓ-, ~"√ - , -¶¥@Ó- ?√... , ±ø"√VÓ-... È√-Ó-Ó- ?√Gœ1 1%-Ú±
, ~"Á"√ ±

flj ø-í±À' -Π ¶ö±Ú' øÖfli±1 flj± ±ø"√VÁÁ√° ?√Gœ1 1%-Ú±, ~"√V1
ø-í± ΠÁ', >, ~±Á ±%-flj, flj 1 ±È√Ó- ø' -í±ß' Ó- CE?√±± ±', ° ±' Ç±ø1flj 1±È√V ±Á1 ?√Gœ1 øÓ-øÚ±Ú çðLö ±ÁÁ√
-í±ø ~ øÈ- CE±±flj Íð-À~± flj±ø1ÁÁ√ ñ SÁ', ±"√V çÜ', ¶ÁÁ', ± CE?√±± ¶ÁÁ', ± CE-í±À?√± ¶ÁÁ', ± øí±-° SÁ', ± ?√øGS±g±(
øS' Π≈ CE ±Áfli ±± ø±nΠÓ-í±±± 'Ö«±» øÓ-øÚ' øçÜ, CE?√±±ø± øÓ-øÚ-1±fljœ, øÓ-øÚ±Ú CE-í±?√, øÓ-øÚ ±1 ±1nΠ
øÓ-øÚ±Ú ?√Gœ1 1%-Ú± øÓ-øÚ CE ±flj±, ≈øðø, X° ?√Gœ ø-í±ø%-Ó- ±"ð øÓ-øÚ±Ú çðLö1 ø-í± ΠÁ', ~Ó-±ÖÜfli±...
CE?√±± ±', ° øfli±≈~±Ú -ÚøGÓ-1 ~ÁÓ- ëfli±-í±...±?√' «í, ë?√' fl≈í ±1%-ø1Ó-í± ±1nΠ ë±øLœ, ≈μ1œ flj±±í ?√Gœ1
jZ±1± ø-í±ø%-ø1Ó- çðLöS', ° ±Ú øfli±≈~±ÁÚ ±Áfli± ëfli±-í±...±?√' «í, ë?√' fl≈í ±1%-ø1Ó-í± ±1nΠ ëøjZ, g±Úfli±-í±...í ñ
±"ð

øÓ-øÚ±Úfli ?Gœ1 çðLöS', -í±ø ~ flj±-í± CE±±ÁÈ√° Íð-À~±Uœ', CE' CE ±È√V1±ÁÈ√ è' e±1 øðfli±' í çðLöÓ- ñ í± ±', í
~"√V ±-í±Ó-À', ±?√«øGøjZ, g±Úø ±í -í±ø ~ øjZ, g±Úfli±-í±... ?√Gœ1 1%-Ú± -í±ø ~ Íð-À~± flj±ø1ÁÁ√° øfli± øøjZ, g±Ú
flj±-í±...í, •xøÓ- 'Ú±-Ú' t° CE, Á', Á' √V flj±-í±...?√' « Ú± 1' Ç±1 ±¶Á, ?√' fl≈í ±1%-ø1Ó-í± ±1nΠ ±øLœ, ≈μ1œ1 flj±± Ú± 1
?√...flj±-í±... ?±√± ?√Gœfli±Ó- øðø, X 1%-Ú± -í±ø ~ çð"√V flj± ±"√", ° í±øLœ, ≈μ1œ flj±± -í±øLœ, ≈μ1œ ±flj±
CE|œ1 ?√...flj±-í±...° -í± ±' -A1 flj±?√•¶1œ1 flj±± ±-í± øð ±± øÓ-, ≈¶U@Ü° çðLö1 øð±1yÓ- çðLöfli±Á1 -Ú-í±È√
flj±-í±, flj 1 øÓ-~" flj CE±±flj Íð-í±Ú¶ö±-ÚÚ flj±1 ±' ÁÓ- øÚÈ√1 -í± 1 -í±«Ú± ±-í± ±' ±ÁÁ√° Íð-í±?√±M√VÖ' ~œ1 ?√...
Á1, ~X 1%-Ú± -Úø1' øé-Ó- "√", ° -í±«Uœ', ø-í± Π', 'Ú±, ø1 ±-í± -í±g1 Íð-í±Ú' ≈Mê, ~±, -í± ?√... Ó-Ó± øðÁ', ±È√Ú
'Ú±, ø1, "√VÈ√, 1', ~±, ø-í± √VœÚ, ≈ø' Ó-Ú?√ø-í±...±, CE?√±± ±', ° 4.6.13 ?√' fl≈í ±1 %-
ø1Ó- - è?√' fl≈í ±1 %-ø1Ó-í± ±flj±, ≈øðø, X ?√...flj±-í±... , ≈í±±±1 è-í±, -í±?√M√V±í, -í± ±' -A1 ëfli±?√•¶1œ1 ±1nΠ ?√Gœ1
è?√' fl≈í ±1%-ø1Ó-í±

ñ ±"ð øÓ-øÚ±Ú çðLö, -¶¥@Ó-, ±ø"√VÓ-...Ó- è?√...S' , í Ú±Á' Á1 È√Ú± ±',
° è?√' fl≈í ±1 %-ø1Ó-í± Ú± ÁÈ±1 -Ú1± ±" -í±È√ ± ±', CE' ?√' √VÈ√ fl≈í ±1 flj±ø"√VUœ -í±ø«Ó- Δ"√VÁÁ√° çðLö±Ú
øÓ-øÚÈ± ±' -í±-Ó- ø-í± -Mê° -Ú-í± -í±œøí-flj±, ?√' fl≈í ±1 %-ø1Ó-í± ±1nΠ Íð-M√V±1 -í±œøí-flj±± -í±-í± ±1nΠ
Íð-M√V±1 -í±œøí-flj± ±=√

Á', ±È-±' -' ?√Gœ1 Ú"√", -í±ø ~ -ÚøGÓ-, flj± ¶¶œfli±1 flj±1° ~Ö...¶ö -' Ó- ±í-È√Ú fl≈í ±11 Δ-í±ø%-S...-Ú'í«
, È-Ú± ±ÁÁ√' ±1nΠ ±Ú ?±È√Ú fl≈í ±11 %-ø1Ó- ø-ÚÁ√Ó-, -Á' ±øÈ√Ó- "√", ° -Ú-í±« -í±œøí-flj±1 1%-flj1
ø-í± ΠÁ', È√Ú± Ú± ±', øfli± Íð-M√V±1 -í±œøí-flj±1 1%-flj ±%-Sè-Ú±ø -í±ø ~ È√Ú± ±', ° 4.6.14 flj±ø"√VUœ ±-í± -
~ÖÚ-ÚøÓ- 1±È√"√ - , "ð ±' À-í± 1' ±Ú, ±1flj ±XÓ- -Ú1±ø¶
flj±Ó- ~±Ú, ±Á1 Ó-Ú, ...±1 -í± Ó-ø, øX ±' -í± flj±ø1 -Ú±È-ø' -Ú±S' øÖfli±1 flj±1° -Ú1± ±' -Ó- 1È√ ±1È√"√ - , "ð '1ì...
Ó- ±|', Δ' Öfli± flj± ±' Ó- 1±È√-í±"√VÚ Ú± 1 -Ú±S, øL±ÚøÈ-1 È√ij "√", ° CE, "ð '1ì...ÁÓ- "ð CEÓ-í± 1%-í±
ø1:1±flj± ±±Ó-...1 %-í±
ø1È√Ú -Ú±S È√ij "√", ° CEÓ-í± ±flj1 Δ, ÁÓ- '±Ú -Ú' ±%-È√Ú 1±
È√fl≈í ±1' "√", ° Ö±, ~, Ó-, -í±«ø-í±?√...± ø' é±± øð±5 Δ"√V fl≈í ±1, flj± ø?√' fø-í±È√', ±S±Ó- > ±' ° 1±È√-í±"√VÁÚ
~±Ó-e Ú± 1 -í±±ij ±1±flj±œfli± ø-í±...±1...Ó- - -Ú±Á' ° CE?√' CE?√' ±øL1 wø' CEÓ-í± ±flj ±Á' -ΠÓ- ±ø"√V ±flj
Íð-í±Ú-ÚÓ- ~"√V' ±1nΠ, flj± ±Á' øÚÈ√ øÚÈ√ ±=√ - , ±"√Vø, flj, È-Ú±-í±U' ø' -í±-í± -í±...Mê flj±ø1Á' ° ±"ð?√Á1
CE1± ±=flj1 CEfli±Á' ~"√V ±Vœ-Úfli, È-Ú±1 -í±«Ú±Á1 ?√' fl≈í ±1 %-ø1Ó-í± flj±ø"√VUœ ±-í± -í±ø«Ó- Δ"√VÁÁ√°

4.6.15 ?√Goe1 flj±ø...flj Δ-ø' ©Ü... - , fljÄ ~ ± fljø-Ä1 ¶fljce' , Δ-ø' ©Ü... Öflj±1 ?√Ä1 ?√...flj±1 ?√GoeÄ1±
1%-Ü±1±ø' Ó-ø fljÄ≈√ ±Ü Δ-ø' ©Ü... Ìð-Ü' t "√V" , ° ?√ fl≈j ±1 %-ø1Ó-ø ±Ü , È-Ü± -ü' ?√...flj±-ü... Ü±Ü±ø-ü
flj±ø' √√Üce1 Ìð-ü± , ~ , -ü«ÜÓ-ü Ü±í-flj CEfljØÓ- , ±-ü± -üÜ~ CEfljÄÓ≈~"√V" ce Δ"√V -Ü1±1 ~ ÄÓ- CEfljØÓ- , ±-ü±
ø-ü-¶iü" √Vü-ü' ± "√V" , ° CEfljØÓ- , ±-ü± -üÜ±-Äflj ~ , ±Üflj '1ì...1 ~ ±ÈVÓ-ü' , -flj1 ÈVc1 %-ø»flj±1 qøÜ-ü' ± "√V" ,
'±ÄfljÄ Ìð-MV√V± , ~≈Λ1 ~ ±ÈVÓ-ü≈ø-ü CE' ±±± ÈV±" √V±ÈV1 ?√V ... øðÓ-...é- fljø1-ü' ± "√V" , ° ø' S&5 Ü±1 fl≈j ±1ÈVÜ1
flj±ø' √√ÜceÓ- ÈV" ±S±1 CE1± ±±flj1 Ó-Ü± ø' "√V1flj±1ce -ü«Ü± Ìð-Ü' t "√V" , ° ?√Goe1 è?√ fl≈j ±1 %-ø1Ó-Ó-í
ø-üø' -üß %-ø1S1 , ~Ä-ü , øÈ-ÄÄV° , ~ ±ÈV1 , ≈µ1 ø?√ ÄÈ-ü±1 ~ ÄÓ- 'gflj±1 ø?√ ÄÈ-ü±Ä1± ÄVø³ Ü≈-øÈ-ü Ìð-ü± CE?√±±
± , ° 1±ÈVfljce' , ÈVce³Ü Δ' ce1 ~ ÄÓ- øÜ-ß-ü«1 CE' ±flj1 ÈVce³ÄÜ± %-ø%-ø«Ó- Δ"√VÄV° ?√±øflj Ó-üÜ¶fljce,
flj-ÜÈ-ü-È±pì , ÄV' Ü± , ° ce , CE-ü ...± ±ø?√Ä1± Δ-ø' ©Ü...-ü'ì« %-ø1S ø%-øSÓ- Δ"√VÄV° è'-ü' √V±1-ü' «± Ü±1
fl≈j ±11 %-ø1Ó-ü fljÜÜÓ- flj± ~ ?±ce Ü±1 CE-ü ...± ±1n¶' 1ceø%-ü Ü±1 ~ G Ó-üÜ¶fljce1 ÄV' Ü± , flj± «...flj ±-ü
-üø«Ó- Δ"√VÄV° Ü±1ce "√V+?V" , 1 ø-üø%-S 'Ü≈~"øÓ-ü-ü«Ü±Ó-ü ?√Goe1 fljÄÜ± øMè1 -üø1%-ü' , CE-Ü±± ± , °
èÈ-ü±ø' Ücei Ü±1 -üøÓ-ü-üÈ-ü± Ü±1ce1 Ìð-8' %-ø1S -ü«Ü±1 ø-ü-ü1ceÄÓ-ü è"ø' Ücei ±-1fljce ¶ace1 øÜá≈-1 "√V+?
√' , 1 ÄVø³ øÇÓ- Δ"√VÄV° flj±ø' √√Üce1 ø-üø%-SÓ-ü± -ü±Ä-ü çðLöþÜÓ-ü 'æ≤VÓ-1 , 1 øð±%-ü≈~ "«... øÈ-ÄÄV°
1±ÈVÜceøÓ- , flj± ~ ±¶a Ó-Ü± Ó-ü?√±ÜceøLÜ , ~ ±ÈV1 Ó±ø' «flj ø?√ ÄÈ-ü±1 'ÄÜflj Ó-Ü... ?√Goe1 1%-Ü±Ó-ü Ü≈-øÈ-ü
Ìð-ü-ÄÄV° CE , "ø , ~ , 1 ø-üÄ?V" √Vce , flj 1 Δ , ÄÓ- Öflj± -ü±øðÈV...flj ø?√ ÄÈ-ü±1 fljÜ± Ìð-Ä-øþÓ- Δ"√VÄV° "ø1±ce
-üøflj , flj 1 ~ ±1Ó-1 Δ , ÄÓ- Öflj± CE-ü-ü±1 -ü±øðÈV...1 fljÜ± flj±ø' √√Üce1 ~ ±ÈVÓ-ü Ìð-ü' t "√V" , ° ?√Goe1 è?√ fl≈j ±1
%-ø1Ó-ü-ü øð±%-üceÜ' -ü±1Ó-üce' , ~ ±ÈV1 -ü ø?√ 1 øðøÓ-ü-ü' Ü Ìð-ü' t "√V" , ° CE , "ø , ~ , 1 , ~ ±ÈV±Ü1 'Ö«-ü...
³¶ö± , Ü...± , -ü...³¶ö± , ± , Ü-ü...³¶ö± "øÓ-ü...±ø?√1 ± -ü± , Ü≈-øÈ-ü Ìð-ü± CE?√±± ± , ° ?√Goe1 ø¶öøÓ-ü flj± Ó-ü ø-üÄ?
√' ce ÈV±øÓ-ü ~ ±1Ó-ü-ü øðÄ³ , øÈ-øÄV' ±1n¶ -üÜÄÓ-ü± ø-üÄ?√' ce ~ ±-ü± ±1 s ?√GoeÄ' , CEÓ-ü"1 1%-Ü±Ó-ü
'øL' ≈~«Mè fljø1ÄÄV° -ü±øð1 -ü±ø ±flj s øÜ' «±1Ó-ü ?√Goe ø , X" √Vø¶ ±øÄV' ° ~ ±1Ó-üce' , CEÜÄ -üø1-ü' √VÜ' ±1n¶
CEÜÄ' s±³ ce ?√Goe1 CE' ±ÜceÓ-ü í±±ø -ü±±øÄÄV° Ìð-ü±± ±√V1 ¶flj1Ä-ü è"√Vßí Ü±1 Ì±±√V1 ≈XÄ-ü±Ó-ü
-ü≈ÈV±-üÖ' -ü...³ √V±1 fljø1øÄV' Δ?√ÜøµÜ -ü...³ √V±11 -ü±Ä-ü øðÄ³ , ±ÈVÜce' , Ìð-üÜflj1 , ~ "√V1 -ü±Ä-ü ?√GoeÄ' , 'ÄÜflj
's øÜ' «±1 fljø1øÄV' °

4.6.16 ?√GoeÜ - -ü?√ ±ø' Ó-ü... f - , -¶¥øÓ- , ±ø' √VÓ-ü...1 CEflj' ø:1±fljce ~ ±Ü 'øÓ-ü ÈVÜøøð' , ~ √V±fljø-ü1 flj±-ü...1
'Ü...Ó-ü' Δ-ø' ©Ü...1
øðøÓ-ü è-ü... 1±ø± øÈ-ü 'øÓ-ü øðø , X CEü±±flj Ìð-ü' t "√V" , ñ Ìð-ü' ± flj±ø' ?√± , , ... ~ ±1Ä³1Ö« CE' Ä1³ f° ΔÜ' ¶ÄÖ
-ü?√ ±ø' Ó-ü... ~ ±Ä , øðL SÄ' , ± øì±-ø³ ø'ø CEü±±flj
Ü-ü±øfljÄ1 øjZÓ-üce' , ±1ce1 øðÖ' -ü±±√1 èÄÜ' ¶ÄÖ -ü?√ ±ø' Ó-ü...-í -' øÈ-ü CEflj±ÄÜ± CEflj±ÄÜ±Ä³ è?√øGÜ- -ü?
√ ±ø' Ó-ü...-í -' øÈ-ü , -' ≈Mè flj± CE?√±± ± , ° ø'øøøÜÄÓ-ü øðüü "√V" , -ü?√ ±ø' Ó-ü... CEÜ±ø fljΣ ±ø' Ó-ü , ...
~ ±³ - ±ø' Ó-ü... f° -ü?√-ü-ü - ±ø' Ó-ü... f -ü?√ ±ø' Ó-ü... f° 'Ö«±» -ü?√1 CE , Äµ' «... "ø ±ø' Ó-ü...° ±' Ç±ø1flj
Ìð-üæVÄÈ-ü CEÓ-ü"1 èflj±-ü...± Ç±1 , ±1 , -çð' √Vü Ü±1 çðLöÖ-ü flj±-ü...Ó-ü øÓ-üÜÈ-ü± -üøM√V√V ¶fljceflj±1 fljø1
øÓ-üøÜø-ü 'Ü≈çð± , 'Ç±1 ¶fljceflj±1 fljø1ÄÄV° Ìð-üÜ±±ø1flj± -üøM√V√V , -ü≈1n¶' ¶±-üøM√V√V ±1n¶ çð± ...
±-üøM√V√V ø'ø Ìð-üÜ±±ø1flj± -üøM√V√VÄflj' ø'ø -ü±³85 ±ø?√ ±' Ç±ø1Äflj' ø'ø -ü±-üøM√V√V -üøø' ¶fljceflj±1 fljø1ÄÄV°
øðøÓ-ü" √V±Ä1µ≈1±ÈV' Ü±1 ±' Ç±ø1flj ±1fljceÄ' , 1 ~ ±Ä³ CE?√±±±ø'ø?√ÄÄV' CE' ±Äflj ±±11 øjZQ1' ø?√ ≈Mè±é-1
"√V" , [CE' ÄÜ !j , m , 2%-ü "øÓ-ü...±ø?√] CEÓ-üÄÜ?√Ä1' ø?√ -ü«1 -ü= ~ -ü«1 ≈Mè±é-1 "√V" , [CE' ÄÜ - øL , e , µ "øÓ-ü...±ø?√]
Ó-ü±1 Ü-ü' ø?√ 'Ü≈øð± , "√V" , CEÓ-øÓ-ü' , ± "√VÄ" Ìð-üÜ±±ø1flj± -üøM√V√V "√V" , ° øÓ-üÄflj flj-ü-üÜ± ± , CE'
'e±1 , flj1n¶ì ±øL ±ø?√ ±ø≈ «... øì , øÜiB 1 , ~ "√V1 'Ü≈flj' 'Ü≈øð± , 'Ç±11 øð±%-ü≈~ "«...Ó-ü ±ø' Ó-ü...1 , øøÜ "√V" , °
-ü?√ , ~ "√V1 CE , Äµ' «... "ø Δ"√VÄÄV' ±ø' Ó-ü...° ?√Goe1 1%-Ü±Ó-ü ø'ø -ü?√ ±ø' Ó-ü...1 øð±%-ü≈~ "«... ø-ü?√... ±Ü° CE , Ä' ,
?√Goe1 flj±-ü...1 'Ü...Ó-ü' Δ-ø' ©Ü...1±Ä-ü -ü?√ ±ø' Ó-ü...1 fljÜ± CEflj±³± Δ"√VÄÄV° ±¶face' , -ü...±±±±1 Ìð-üÜø1 > ø?√
~ ø' Ó-ü-ü?√1 , ±Ü±1 'Ö« , ≈µ1 -ü±1 "lce' , 'Ö« çð' √Vü flj± ± , CEÓ-øÓ-ü' , ± "√VÄ" > CE?√± 'Ü≈øð± , ±1n¶ ~ flj' Ç±11
øð±%-ü≈~ "«...Ó-ü ?√Goe1 1%-Ü±1 "lce' , ° Ìð-ü±± ±√V1¶flj1Ä-ü øÜÄ³±X'Ó-ü -ü±flj... ±1ceÓ-ü 'Ü≈øð± , 1 ±ø' Ó-ü... CE?√±±
± , ñ è , "√Vflj±1 øflj , ~ flj1µ±¶flj±?√Ü1Mèflj±Ü± - ~ Ö≈flj1flj flj±Ü± - flj±flj ce fljfljÄ' Ü ø?√flj%-ü-Sè -ü±
%-ü± , Üf , ~ ±øÜÜce ±ÜÄ , ±»fljø flj± ≈-üÜ' , Üí... "øÓ-ü...±ø?√° ?√Goe1 ?√... , "√VÈV , 1 , CE-ü±Ö' ~ ... ±1n¶
øð-ü± "√V" , ° -ü±øL1 -ü«Ü± ±ø -ü±í-fljflj 1 , ±¶flj±?√ÜÓ-ü -ü...±±Ó-ü ÜÈVij± , ° øð±Ä' , "ø %-øøÈ-ü ≈øÈ-ü -ü±flj...
Δ' ce Ó-ü± øð-ü-ü-ü ~ flj Ìð-øMè , ~ X . ?√...° , ≈-üü≈±1 ?√Ä1 CEü±-¶' , 'Ö-ü± -ü±1 -üÄ1 ?√Ä1 øü±ÄÜ±-ü' ± ,
Ìð-ü»Äøðé-ü±ø?√' Ç±1 -üÜ , ±Ä-ü -üø ≈Mè , ± , -üÜ ?√...Ö' ce Ü' √V' , ?√Goe1 ?√...° è?√ fl≈j ±1%-ø1Ó-ü-ü øð± ,
øðøÓ-ü -ü±ÄÓ-ü -ü±ÄÓ-ü '±Ü≈øð±ø , flj -ü?√±³ ce ø'ø-Äflj , "√VÄÈV"ø CE-ü±Ö' ... , øð-ü± "√V" , ° , ±Ü≈øð±ø , flj
%-ü »flj±11 -ü±Ä-ü ?√Goe1 ?√... "ø , "√V+?V" , flj 1 "√V+?V" , çð± √V...Ó-ü± ?√± fljø1 ±ø' √VÄÄV°
ÈV±øÜ Ö' ± "√V± ?√Goe ø-ü1ø%-üÓ-ü ?√...flj±-ü... ≈±Üü ñ è'-üøLce , ≈µ1ce fljÜ±í ±1n¶ è?√ fl≈j ±1%-ø1Ó-ü-ü ?
≈VÄ' , ±±Ü fljÜ± CE¶ce1 ?√...flj±-ü...° ?√Goe fljÜ-ü' Ç±1 ±¶a ñ flj±-ü...±?√' «° , -¶¥øÓ-ü , ±ø' √VÓ-ü...1 ?√...S' , ñ
, ≈-üü≈±1 ±³ , ±³?√M√V√V± , -ü±1 -üÄ1 èflj±?√ø1cei ±1n¶ ?√Goe1 è?√ fl≈j ±1%-ø1Ó-ü-ü ?√øGÜ- -ü?√ ±ø' Ó-ü... f ñ ?√Goe1
flj±-ü...1 øð - , ± ~ flj øÈ-ü øðø , X -ü±flj...° çðøÓ-ü1 øÓ-ü' , ±Ü 12 Ü - øðüü - , -¶¥øÓ-ü , ±ø' √VÓ-ü...Ó-ü ?√Goe1 '±?
±±Ü1 >-ü1Ó-ü '±Ä ±flj-ü±Ó-ü flj1flj° 12 Ü - øðüü - ?√Goe1 flj±-ü...1 Δ-ø' ©Ü...1 >-ü1Ó-ü ø-üø¶¥øÓ-ü '±Ä ±%-ü±Ü± øðøÓ-ü
flj1flj° 13 Ü - øðüü - è?√øGÜ- -ü?√ ±ø' Ó-ü... f ñ fljÜ±-¶±1 ≈øMè , "√Vflj±Ä1 CE?√±±±ø'ø?√' , flj° ±R' ~ ...± ,
ì øðüü 6 Ü - øðüü - ?√Goe flj , -¶¥øÓ-ü , ±ø' √VÓ-ü...1 ±-1±fljce , Ü-ü ?√...flj±1 -ü≈ø' ~ ±Ä-ü-üÄÜ [50 È-ü± s1 ø' -ü-ü1Ó-ü

Îð-M√√1 flj1flj| 4.6.17 ÒÚ-Ù± - , ≈-iiß≈+, -i±l^ -A '±1nΠ ?√Gœ1 '±ø-oi^ -±³1 -Ù±Â√1 flj± 1 ±1±fljœ ððø, X :?√...flj±1 Δ"√√ÄÄ√ ÒÚ-Ù±° ÒÚ-Ù± 1 ëðÓ- flj~?1œí ±#Ú fljÔ± CE|œ1 :?√...flj±-i...° -i±l^ -A1 flj±?√•ß1œ fljÔ± flj±-i...1 'Ú≈flj1Ô- 1ø%-Ô- ±#Ú CEðð~"~ flj flj±-i...çðLö° ÒÚ-Ù± Îð-7jiiø , Úœ1 flj± ...-ÙÄ±Sœ° , -iË±p| , -i«Ä?√³1 -Ù≈S '±øÄ√° , Ë-Ù±SêÄ ~ ÒÚ-Ù±Ä ΔË√Ú Ò ~ « çð"√√1 fljÄ1° ÒÚ-Ù± CE ^-±Ë√1±Ë√1 ø-ÙÓ'-i... ~≈?Ú'-ÙøÓ- {#'- 975-1022} , ^-±fljø-i '±øÄ√' '±1nΠ 1Ë√±1 -Ù1± ë, 1¶ßÓ-œí Îð-Ù±øØ ° ± ^- fljø1øÄ√ -i≈ø ÒÚ-Ù±Ä Îð-Ä~± fljø1ÄÄ√ ëðÓ- flj~? 1œí çðLöÖ-° ÒÚ-Ù± 1 ø¶öðÓ-flj± CE, Ä , #'- 10 ~ øÓ-flj±1 '±ø?√-±-i≈ø ^-±ø³-i -Ù1± ° ± , ° 1Ë√± CE ^-±Ë√1 'Ú≈Äðð1±

Ó- ëðÓ- flj~?1œí fljÔ±±Ú ø Ä±° øÓ- flj~?1œ '±1nΠ , ~1ÄfljÔ≈-1 CEðð~ "±Ô± "ð , ±Ó- ø%-øSÓ- Δ"√√ÄÄ√° flj±?√•ß1œ1 ðð~±³ 'øÓ- , ≈¶Ú@Ü° -i±l^ -A"ð ðð?√' «Ú flj1± :?√...Ö"œ ÒÚ-Ù±Ä 'øÓ- , Û- Ó-Ä±Ä1 'Ú≈, 1l fljø1ÄÄ√° ±Ú"√√±ÄÓ- -i±l^ -AÓ-Öflj Ó≈- Ù±"~ flj -±Ä° ÒÚ-Ù± 1 :?√... , 1 '±1nΠ , "√√ÄË√ CE-i±Ø...° Îð-Ù± ± , Îð-Ä-Ä-Ùé-±-Ùø1, -#...± ±øø?√' Ç±11 'øÓ- , ≈μ1 ððÄ , ± CE?√±± ° ± , ° -i±l^ -A1 ?√Ä1 -i|«Ú%-±±Ó≈- «... ± œ ÒÚ-Ù± -i|«Úœ , ø-iΠ , 'Ú≈, ø1 CEflj± ~ 'Ô-± fljÄí-±1 -i|«1 , ~±Ä-i , Ë-±"ð , Ë-Ù± øð±±√√ ±-i±l^ ±"ð øÚ , ± CE?√±± ° ± , ° ÒÚ-Ù± 1

ëðÓ- flj~?1œíÓ- , -¶¥@Ó- :?√...1 -i...°"√√±ø1flj 1+-Ù1 øÚ?√' «Ú , Ó-ÄÓ- CE?√±± ° ± , ° 4.6.18 -i±?√œ^ -ø, -"√√ - -i±?√œ^ -ø, -"√√ 1ø%-Ô- ë:~√...ø%-øL± ~øí ±#Ú ~ÄÙ±1 :?√... flj±-i...° ±, ±1Ë± ± , °ßfljÔ- ø-i -Mê ±"ð çðLö±ÚÓ- øË√Ä, Ú1 ~"√√±-Ù±1± {#'- 897}Ó- -iø|«Ó- Ë√œ³g11 flj±ø"√√Úœ -iø|«Ó- Δ"√√ÄÄ√° -i±?√œ^ -ø, -"√√1 ø¶öðÓ-flj± ±flj±?√' øÓ-flj±1 -i≈ø ^-±³"√√ , ° 4.6.19 ÒÚ-Ù± -

CE, ±lf-i- 1 ëÏð-?√' , ≈μ1œ fljÔ±í ±#Ú , ≈ øðø, X :?√... flj±-i...° çðLö±Ú1 1%-Ù±flj± ±#Ú@Üœ , 1026-1080 -iΠ« -i≈ø ^-±-i± "√√" , øflj , ÄÙ± ±"ð , ~ , ÄÄ√±±±Ó- 1±Ë√Q flj1± -i , 1Ë√±1 -Ù'á-Ä-Ù±-ΠfljÔ-± ± ^- fljø1øÄ√ :?√...flj±1 :±1±fljœÄ , ° Ú±:1±Ë√ fljÚ...± Îð-?√' , ≈μ1œ '±1nΠ øððÓ-á-±Ú Ú-ÙøÓ- ~ , ±-i±"√√Ú1 CEðð~ flj±ø"√√Úœ çðLö±ÚÓ- ø%-øSÓ- Δ"√√ÄÄ√° ëÏð-?√' , ≈μ1œ fljÔ±í 8 Ë-± Îð-2Ä√± , Ó- ø-i -Mê± çðLö1 øð±1yÓ- fljø-i -i -i|«Ú± ±1nΠ -i±flj...1%-Ù±1 ^-ø"flj± -iø|«Ó- Δ"√√ÄÄ√° 4.6.20 -i±l^ -A -i±Ú -

i±l^ -A -i±l1 ëCE-i~"~ -i± ~ %-ø1Ó-í ±#Ú øðø, X :?√...flj±-i...° -Ù±=√' 'Ó-±sœ1 CE1Dœ-i-œ , 1Ë√± CE-i~"~ -i±Ú± fljø-i CE"√√±³±1 Îð-Ù±ø1 fljø-i, flj 1 '±l' , ?√±Ó-± ±øÄ√° -i±l1 "√√Π«%-ø1Ó-1 '±ø"√√«Ó- ø-iø%-Ô- ëCE-i~"~ -i±Ú± %-ø1Ó-í øÚ- , ÄμÄ"√√ <øÓ- "√√±ø, flj Ó-Ö...1 '±"flj1° çðLö±Ú1 :?√...Ö"œ 'Ç±1-Ù'í« '±1nΠ , ≈ Ö≈1 -Ù?√±³ œ ø-iø @Ü° Ë√±øÚ Ó> "±"√√± ÒÚ-Ù± 1 ëðÓ- flj~?1œí ±#Ú fljÔ± CE|œ1 :?√... flj±-i...° -i±l^ -A1 ëflj±?√•ß1œí1 '±ø"√√«Ó- 1ø%-Ô- 1"œ , :?√...flj±-i...° ë:~√...ø%-øL± ~øí1 1%-flj -i±?√œ^ -ø, -"√√° ëÏð-?√' , ≈μ1œ fljÔí1 1%-flj CE, ±lf-i- ° 'çðøÓ-1 ±øÓ- , ±Ú 14 Ú- øðüü - , -¶¥@Ó- :?√...flj±-i... 1 "øðÓ- "√√± , '±1nΠ Sê~ ø-i flj± 1 >-Ù1Ó- ø-iø¶¥Ó- '±Ä ±%-Ù± ?√±ø,√√ Ó1flj° 15 Ú- øðüü - :?√...flj±1 ?√Gœ1 -Ù1³Ó-Π flj± 1 :?√...flj±1 , flj 1 '±?√±Ú1 ø-iΠÄ , ±øË- CEË-±flj± øððÓ- flj1flj°

4.7 , ±1±- [[[[[Summing Up]]]]] Δ-iø?√flj , ±ø"√√Ó-...1 -i≈fl≈jÄÓ- :?√... , ±ø"√√Ó-...1 -iœË√'Ç≈ø1Ó- Δ"√√øÄ√° , - ¶¥@Ó- ^-±l^ Π±1 øð±%-œÚÓ- , ±ø"√√Ó-...fljøÓ- ÿ-fÄ-i?√ -Ù?√...±Rflj° ÿ-fÄ-i?√1 øÚ-?√±Ø...± , flj ΠÜË√≈Ä-i«?√1 ΔÓ-øM√√1œ , -ø"√√Ó-±, flj±í-flj , -ø"√√Ó-±, Δ"SA , Úœ , -ø"√√Ó-±, 'Ó-«Ä-i?√1 -iË±Ó-...flj±G "ðÓ-...±ø?√

ie 5.3 '±0≈0Úflj, -¶¥@Ó-?√...-±0"√VÓ-...1 0-
iflj± - , -¶¥@Ó- , ±0"√VÓ-...Ó- Ú?√...1 0-ÚÁVÁÓ- "0 .?√...-flj±-...1 0-úflj± , È-±-Ú01' 0é-Ó- "√V" , ° Δ-ú0?√flj
-ú±0' , ?√... '±1nΠ -Ú?√... Í0-^- , ÁÓ- "0 0Ú-úg '±0ÁV~° ÿ-Á-ú?√-Ú?√...-úX '±1nΠ ' ÊV~Á-ú«?√-?√...-úX '±0ÁV~° -úË±pjl,
'±1!...flj, Í0-Ú0Ú-Π?√ , ~"√VÁÓ-±?√...-úX?√V-± CE-Ú±±± ± ± , ° "0 , ±1 0-ÚÁVÁÓ- Ú=Ó-La, 0"√VÁÓ-±-ÚÁ?√' ±0?
√ fljÓ± , ±0"√VÓ-...1 ±ÁËVÁ1 , -¶¥@Ó-?√... , ±0"√VÓ-... "0 0-úflj± ± ±-ú flj01Á ° ë-ú"√VfljÓ±í, ëCE-úÓ-± -Ú=0-ú-
'0Ó-úflj±í, 0, -"√V±, ÚjZ±0S-0 flj± ±0?√ çðL0, ~"Á"√V fljÓ±flj±-...1 0-úflj± Ó-ú"√V" ±±?√±Ú ±±-ú± ± ± °
'±Ú"√V±ÁÓ- fljÓ± '±1nΠ '±±...±0' , flj±1 ÊV01' , ÁÓ- 0ð±%-0æÚ?√... , ±0"√VÓ-... "0 -Ú"ÁÓ-± ± ±-ú flj± CE?√± ± ± , °
±ÁÚ?VÁ1 0-ú0-úíß :?√...flj±-...1 ±ÁËV0?√ , -¶¥@Ó-?√... , ±0"√VÓ-... "0 0-úflj± ± ±-ú flj01 ±0≈0Úflj ≈-0-ú CE±±ÊV
CE-Ú ± ± ° 0-ú0-úíß ±0≈0Úflj , -¶¥@Ó- CE ±flj1 Í0-ÚÚ...± , 0Ú-úg , ≈fljÓ± , ?√æ, «fljÓ±, ÊVæ±Ú-ú'M√V√V,
'±S±-ú'M√V√V ±0?√1 ±ÁËVÁ1 ±0≈0Úflj , -¶¥@Ó-?√... , ±0"√VÓ-... "0 0-úflj± ± ±-ú flj01-úÖ ÒÁ1° , -¶¥@Ó-?√...
, ±0"√VÓ-...1 Ú0≈-ú Ú0≈-ú Δ' æ, ~"√VÓ- 10%-0-?√...flj±-... , ~"√V1
0ð±%-±1 '±1nΠ 0ð , ±11 CEé-SÓ- Ú0S, ~"Á"√V 81nΠQ-Ú"í« ~"0-ú flj± çð"√V
Í flj± -Ú01' 0é-Ó- "√V" , ° , -ú«0ð0~ , -¶¥@Ó- Í0-ÚÚ...± , 0"√V%-±Á-Ú , -ú«ÊVÚ¶flj±íÓ- -Ú0GÓ- '0Sflj±?√M√V√V
-ú...± , Á?√±1 jZ±1± 10%-0-ú Í0-ÚÚ...± , í0-ú±±ÊV0-úÊV' í ë , -¶¥@Ó- %-0fflj±í Ú±Á -Ú0Sflj±±ÚÓ- Ò±1±-ú±0"√Vflj
1±-úÓ- 0ðflj± -ú± ± , ° "0 , ±1 Í0-Ú01' m± ±¶ace 1±0-úÁÍ-flj11 éfl± ≈ ±ZÓ-0æí Ú±1 Í0-ÚÚ...± , ±ÚÁÓ-± ë , -
¶¥@Ó- %-0fflj±íÓ- 0ðflj± -ú± ± , '±1nΠ 0-úÁ -Π , ~±?√1 ± ±-ú fljÁ1° -ú±Í -A1 flj±?√0S10æ ±0?√ çðL0' 0?√ Í0-ÚÚ...
± , Δ' æ1 -Ú"ú«ÊV -ú≈0' Ò1± "√V" , Ó-Ú±0-Ú ±0≈0Úflj flj± ±1 , -¶¥@Ó- Í0-ÚÚ...± , ~"√V1 0 ±Ú0' æ , •Ú"í«
-Ú'Öflj° "0 , ±1 Í0-Ú01' 0fljÁ≈± ±Ú' 0-ú 0Ú-úg, -ú-...±0~" flj flj±0"√Vúæ , "fljÓ±, fljÓ±0Úflj±, ÊVæ±Ú-ú'M√V√V,
'±S±-ú'M√V√V ±0?√ 0-ú0-úíß -Ú0Sflj±Ó- 0ðflj± -ú± ± , '±1nΠ ±ÁÚ?VÁ1 ±0≈0Úflj , -¶¥@Ó-?√... 1%-Ú± , ~"Á"√V
0ð , ±1Ó-± ± ±-ú flj01-úÖ , é~"√V" , ° "0 , ±1 0-ú0-ú1Ó- -A' Ò≈1±Ú±0' ±¶aceÁ' , ë , -¶¥@Ó- 1P±flj1Í0-ú-ú fljÓ±,
Í0-ÚÚ...± , 0Ú-úg ±0?√ 0' Á± ±1 Ú-úÓ- ±0≈0Úflj :?√... , ±0"√VÓ-... "0 0-úflj± ± ±-ú fljÁ1° 0-úflj CEÓ-ÁÚ?VÁ1 Í-0 CE-ú
-fljÊ-1±, -úÁÚ > [1908-79] CE?√1 , ±0"√VÓ-... 'flj±?√' æ1 ~±±... -Ú0Sflj± ë , -¶¥@Ó- 0ð0Ó- -ú±1jZ±1± -ú±1Ó-1 , -
¶¥@Ó- Ú-úÁ ±flj, flj flj CE0ð± , ±0"√VÓ- flj01 ±0≈0Úflj , -¶¥@Ó- , ±0"√VÓ-...1 0-úflj± ± ±-ú CEé-SÓ- 81
nΠQ-Ú"í« ~"0-ú flj± -ú± ± Ú fljÁ1° ±0≈0Úflj ≈±1 :?√... flj±-... , ~"√V1 0-
í Π' , úd 0Ú-ú«±%-Ú1 CEé-SÓ- 'ÁÓ0Ú -Ú01-úÓ-ú CE?√± ± ± , ° ±0≈0Úflj ≈±1 , -¶¥@Ó-?√...flj±1, fljÁ' CE?√±-CE?
√±æ, flj' 1 d0Ó-ú -ú± ±±...±Ú1 -Ú01-úÁÓ-« 1±0Ú"ÁÚÓ-± , ±ÊVÁ, ±flj, 0-úú ±0ðL1' ±±' ...fljÓ-± , ± ±0ÊVflj,
1±ÊV0Ú0Ó-flj , '0«0Ú0Ó-flj ±¶flj± , ?≈VÚπ0-ú , w0Ú±%-±1 , ?≈V-ú« æ1 >-Ú1Ó-ú -ú æ1 0ð' -±± , -ú≈1nΠ -Π'0ð0±Ú CE?
√1
Úcú ¶S1±-ú , ~0"√V ± , flj 1 Δ?VÚ0μÚ , -ç0± ± ±0?√ 0-ú0-úíß 0ÚÓ-... ΔÚ0' 0M√V√Vflj , È-Ú± Ó-Ú± -ú...±"√V±01flj 0?√ flj
0-úΠ' , úd 0"√V%-±Á-Ú Δ' :?√... 1%-Ú± flj±1 CE?√± ± ± , ° ± ±0ÊVflj 0-ú0-úíß 0?√1 >-Ú1Ó- , -¶¥@Ó-
-ú± -Π±0-ú Í0-ÚÚ...± , 0Ú-úg ±0?√ 1%-Ú± flj±1 Δ'√VÁÁV° "0 , ±1 Í0-Ú01' , ±ÊVÓ- , 00Ú CE"√V±±±' 0Ú' , ~,
0-úΠ' Ó-± , 1±ÊV0Ú0Ó-flj %-Sê-Ú±flj ±0?√1 >-Ú1ÁÓ-± , -¶¥@Ó- -ú± -Π±0-ú 0-ú0-úíß -ú... -±0«flj 0Ú-úg 1%-Ú±
flj±1 Δ'√VÁÁV° 0-úΠ' , úd1 Ú-ú0æÚÓ-± Ó-Ú± -ú...±"√V±01flj 0?√' , ~"Á"√V ±0≈0Úflj :?√... , ±0"√VÓ-...flj ±flj 0-ú0¶¥Ó-
-Ú01, 1 0ð?√±Ú flj±1 CE?√± ± ± , ° ÊV±0Ú CE0±±± -ú± ± ±0≈0Úflj ≈±1 , -¶¥@Ó- , ±0"√VÓ-...1 0-úflj± flj 0Ó-0ÚÊ-±
±0-ú -ú± flj01-ú -Ú±01° CE , "0Áflj' 0Ê-± ±√V' ñ 'm± ±¶ace ≈ [1890-1930] , -A' Ò≈1±Ú±0' ±¶ace ≈ [1930-1960]
'±1nΠ 1±, ± ≈ [1960-1980] %-Ú± ±0" , ~"ÁÁV±±±ÁÓ- "0 :?√... , ±0"√VÓ-... "0 ±flj ~"0-ú-ú-ú"0 0-úflj± ± ±-ú fljÁ1° 5.4
'±0≈0Úflj , -¶¥@
Ó-?√...flj±-...1 -ú± , ~"√V - , -¶¥@Ó-?√... flj±-...1 0-ú0-úíß -ú± CE' ÁÚ fljÓ± ±±±±0' , flj± ±0?√ 0ð±%-0æÚ flj± ±1
-Ú1± CE' 0ð±%-0' Ó- Δ'√V ±ÁÁV° ~"√V±flj0-ú -
±± -A1 1%-Ú± ±√V -Π«%-01Ó- ±1nΠ flj±?√0S10æflj , -¶¥@Ó- , ±0"√VÓ-...1 , Á-ú«±»flj'0Ú :?√... 0"√V%-±Á-Ú ~Ú±
"√V" , '±1nΠ 0-ÚÁV1 ≈-0-ú ±0?√±VÁ' , ±±Ú :?√...flj±-...Á1' 0' ± ± Δ' :?√...flj±1, fljÁ' 0-ú0-úíß çðL0 1%-Ú± flj±1 CE?√±±
± ± , ° ±Ú0flj CE' 0Ó- , ± ±0≈0Úflj flj± Ó- -Ú±±(±0-... 0ð' -±±1 Ú-úÓ- , -¶¥@Ó-?√... , ±0"√VÓ-...Ó- Í0-ÚÚ...± , ,
~"fljÓ± ±0?√1?VÁ1 :?√...1 "0Ú" 0Ú -ú± , ~"√V1 ±0±±-ú«±± ±√V' Ó-Ú±0-Ú± 0fljÁ≈± ±Ú :?√...flj±Á1 CE , "0 0ð±%-0æÚ
Ò±1±Áflj' "0 ± •SÚ flj01 :?√...flj±-... 1%-Ú± flj01 í ° ±ÚÚ-±Á' ±0≈0Úflj , -¶¥@Ó-?√...flj±1, fljÁ' ±flj , "√VÊV , 1'
Ó-Ú± Ú0≈-ú -ÚX0Ó- ± •SÚ flj01 :?√...flj±-... 1%-Ú± flj±1 CE?√± ± ± , ° , ~"√V :?√...flj±-... 0Ó- , "√VÁÊV
CE-ú±0' ...° 0?√ ±0≈0Úflj ≈-0-ú -Ú?√...Ó-Öflj :?√...1 , 00Ú flj' Ó-Ú±0-Ú± 0ð±%-0æÚ flj± ±1 , -¶¥@Ó-?√... flj±-...1
Ú-ú...0±1± -úÓ-« ±ÁÚ» 0ð±"√V ±Ú Δ'√V ±ÁÁV° :?√... ~"ÁÓ- %-±
010ðflj±11° CE , "0 CEflj' 0Ê-± ±√V' ñ ≈Méflj , -ú'M√V√V-0g, Í0-ú»flj0' flj±0ð±' , '±1nΠ %-0«-ú«flj° ±0"0 %-±
010ðflj±11 :?√... 'í0-ú 0-ú±±ÊV' ±Ú CE , ± ± "0 :?√...flj±-...° 0ð0Ó-ú-Ú±?√... 0-úΠ' , úd1 Ú-ú± 1 -Ú1± :?√...flj±-... fljÓ±
'±1nΠ ±±±±0' , flj± 1±Á-Ú 0-ú -Mê± fljÓ± ±√V' flj0-úflj0äÓ- ±1nΠ ±±±±0' , flj± ±√V' , Ó-... , È-Ú±1 >-Ú1Ó-
'±0±01Ó- "0 , ±1 Í0-Ú01' CE"√V %-f"0 éflj±-...±Ú ± ± , Úí çðL0Ó- ±±±±0' , flj± , fljÓ± , ±G-fljÓ± , -Ú01fljÓ± , ±±...
±Ú , Í0-ÚÚ±±...±Ú , 0ð±0í±√Vflj± , 0fl± ≈ j ...± , -ú"√V»fljÓ± , flj fljÓ± , Í0-ÚÚfljÓ± ±1nΠ é±-úfljÓ± 1±Á-Ú :?√...flj±-...flj
0-ú0-úíß -ú± -ú± flj01ÁÁV° ±0≈0Úflj , -¶¥@Ó-?√...flj±-... , ~"√VÁ1± 0-ú0-úíß Δ' æ CE?√± ± ± , ° ±0≈0Úflj , -
¶¥@Ó- -Ú0GÓ- '0' -ú±±ÊV 1±ÁËVf 0"í"0 Ú-ú... , -¶¥@Ó-?√...flj±-...1 %-±01Ê-± -ú± ¶S0æflj±1 flj±1 CE?√± ± ± , °

CEÓ-ÀtÓ-ì,y±̄Π)-,Àμ'îÚ±À̄, -¶¥@Ó- CE' ±Ò- ñÙðSflj±#Ú1 ~"¶... ,•Ú±?√flj°- ñt;~ø [Ìð-ÚÚ...±,] - ñt;~ø Ì- 0
1±, ≈À' 1' ±?√-ì CE?√³1 jZ±1± 1ø%-Ó- ¶#Ú, -¶¥@Ó- Ìð-ÚÚ...±, ° Ìð-ÚÚ...±, #Ú 1± ±, Ì) >Ú1Ó- '±Ò±ø1Ó-°
Ìð-ÚÚ...±, #Ú 26 È-± 'Ò...±, Ó- ø-ì- Mè° Ìð-ÚÚ...±, #Ú 1' ±1yø "√√", ñt;~ø 'Ò«± 1±³1 Ì-Úce " -Ú«Ì± ±1nΠ
ΔfljÀflj, ø-ì?≈√...7jijce³1 CEð" flj±ø" √√Úce1-Ú1±° Ìð-ÚÚ...±, #Ú 2011 %-ÚÓ- ø?√-œ1-ÚØ1" ðøflj± ÀÚ ðøflj± fljø1
Ìð-ø", ±" °° çðLø#Ú1 ø" √√μce' ±1nΠ " ð-1±È√ce' Ú≈-ì±?√ fljø1ÀÀ√ SèÀ" CE?√³fljceÚμÚ |ce-ì±ø¶-ì ±1nΠ ðð. ¶%-f-1-
·Ú±ÒÀÚ° ±" √√Ó- flj±ù" ce1 [Ìð-ÚÚ...±,] - ñ" Ì- Ì- ðð, ±?√ ±¶ace1 jZ±1± 1ø%-Ó- '±" √√Ó- flj±ù" ce1 #Ú ±Ò±øÚflj,
-¶¥@Ó- Ìð-ÚÚ...±, ° çðLø#Ú 2008 %-ÚÓ- ðøflj±" -Ú±", ° çðLø#ÚÓ- flj±ù" ce1-ì±, ce1 Δ?√ÚØμÚ, -çð±",
Ìð-çð-ÚLøce1' ±Sè"Ì, CE' ±̄Π), 'Ó-...±%-±1' ±ø?√1 ø-ì- ΠÀ", -ì«Ú± flj1± Δ" √√ÀÀ√° Ìð-ÚÚ...±, #ÚÓ- Ì- ±1Ó-œ",
Δ, Ú...1 CE' À" «...-ì-œ" «... Ó-Ò±, ±" √√, 1 fljÒ±) -ì«Ú± flj1± Δ" √√ÀÀ√° øÚ·ß-Ú'øØ³ce [ä-Ú±øØ] - øÚ·ß-Ú'øØ³ce CEflj' ±
%-f-?√±, 1 jZ±1± 1ø%-Ó- ¶#Ú, -¶¥@Ó- ä-Ú±øØ³-Ú±øØ³Ú 2001 %-ÚÓ- ðøflj±" -Ú±", ° çðLø#ÚÓ- ±Ú±" √√
' ±1nΠ, ±È√1 >Ú1Ó- '±Ò±1 fljø1 1%-Ú± flj1± 37 È-±, 1nΠ, 1nΠ-ä CE-Ú±³± ±", ° øÈ√È√ceø³ Π [ä-Ú±øØ] -
-ìÚ± ±" ce ø-ì- " 1 èøÈÈ√È√ceø³ Πì "√√ì" #Ú %-≈-øÈ-ä, -fljø"Ó- -Ú±øØ³-Ú±øØ³Ú 2006 %-ÚÓ- ¶" ±" √√±-ì±?√1
-ÚΩÈ√ ðøflj±' Ú1-Ú1± ðøflj±" -Ú±", ° -Ú±øØ³ÚÓ- ±Ú±" √√1, ±È√Ó- Òflj± 'Ò«ØÚØ-ò-flj ±1nΠ, ± ±øÈÈ√flj-ì¶ø±1
' ±"Ó-±, -ìÀ, ±ÀÈ√...ä-À ±flj1 È√ce³Ú øÚ-ì« ±" √√1, ~, ...±, ø q |ø flj ±ø?√, ±È√1 ø-ì- ñß È√ ðL, ~, ...±, ~" √√1
ø-ì- ΠÀ", ä Ìð-ÚÚ" t° fljÒ±" √√1ce [ä-Ú±øØ] - fljÒ±" √√1ce #Ú μ"ø%-f-. ø" Ì. Ú±±1±È√±1 jZ±1± 1ø%-Ó- %-≈-øÈ-
ä1, -flj' Ú -Ú±øØ³, -¶¥@Ó- Ì- ±1Ó-œ, ÚÓ≈-Ú ø?√-œÀ", -Ú±øØ³Ú 2009 %-ÚÓ- ðøflj±" fljø1 Ìð-ø", ±" °°
-Ú±øØ³ÚÓ- ≈ì-ÀÓ- 14 È-± ø-ì- ñß ø-ì- Π, 1 >Ú1Ó- ø" ±" ä CE-Ú±³± ±", ° ä, ~"À" √√ ø-ì-À" ΠÒflj ±Ú³
' Ú±" -øÓ-À-ì±1, ¶ace1, ~, ...± ±1nΠ -Ú±1nΠ-ΠððÒ±Ú, ±È√Ó- ¶ace1 >Ú1Ó- CE' √√±³±, ± ±øÈÈ√flj' Ú...±, Ó-Ò±
'ø-ì-±11 ø-ì- ΠÀ", ?√' «±" °° 'Úø" -øóÓ- f [ä-Ú±øØ] - , ≈ðð, X' ±Ò±øÚflj, -¶¥@Ó- -ÚØGÓ- ðð, ...ø S' ±¶aceÀ?
√³1 jZ±1± 1ø%-Ó- è'Úø" -øóÓ- fì #Ú ä, -flj' Ú -Ú±øØ³-Ú±øØ³ÚÓ- 12 È-± ä CE-Ú±³± ±", ° ä, ~" √√
ø-ì-À" ΠÒflj ±Ò±øÚflj, ±È√1, ~, ...±-À-ì±11 >Ú1Ó- 1ø%-Ó-° fljÒ±-ì-1ce [ä-Ú±øØ] - |ceflj' ΠÚ CE, ±³± À?√³1 jZ±1±
, •Ú±ø?√Ó- fljÒ±-ì-1ce Ú±" 1 ä-Ú±øØ³ÚÓ- '±Ò±øÚflj, -¶¥@Ó-, ±ø" √√Ó-...1 ø-ì-±...Ó- CE' flj ðð" -Ú±Ò øjZÀ-ì?
√ce, Ú±1±, Ì?√±, Ì- 0 ø-ì- CE' ±", %-f-øS-Ú±Í-œ ±ø?√1 ä, ~" √√, -flj' Ú flj1± Δ" √√ÀÀ√° -Ú±øØ³ÚÓ- 25 È-±
%-≈-øÈ-ä ±ÀÀ√° ððØflj±Ú±" -øÓ- [ä-Ú±øØ] - ñ, øÚ -ìÈpì-Ú±1" CE?√³1 jZ±1±, -fljø"Ó- èððØflj±Ú±" -øÓ-ì
Ú±" 1
, -¶¥@Ó- Ì- ±̄Π±1 ä-Ú±øØ³Ú 2005 %-ÚÓ- ðøflj±ø"Ó- "√√", ° -Ú±øØ³ÚÓ- '±Ò±øÚflj, -¶¥@Ó- CEflj" øÈÈ√Ú ±Ú
¶¶Ú±" ÒÚ... CE' flj Ì- 0 1±Ò±-ì- -øS-Ú±Í-œ, "√√-Π«À?√³ ±Ò³, -ìÚ± ±" ce ø-ì- " ±ø?√1 ä, ~" √√, -flj' Ú flj1±
Δ" √√ÀÀ√° -Ú±øØ³ÚÓ- ≈ì-ÀÓ- 25 È-± ä ±ÀÀ√° 'ð¶±%-", ...%-øffl± [ä-Ú±øØ] - è'ð¶±%-", ...%-øffl± Ú±" 1 ä, -
flj' Ú±ÚÓ- 16 È-±, -¶¥@Ó- ä ±ÀÀ√° Ú±1±, Ì?√±À, 2006 %-ÚÓ- -Ú±øØ³Ú ðøflj±" fljÀ1° çðLø#Ú %-≈-...Ó-±Úμ?
√±, -ìÚ± ±" ce ø-ì- " ±1nΠ Ú±1±, Ì?√±À, •Ú±?√Ú± fljÀ1° -Ú±øØ³ÚÓ- '±Ò±øÚflj, -¶¥@Ó- -ÚØGÓ- '1nΠ 1?Ú ø",
"√√-Π«À?√³ ±Ò³ ±ø?√1 ä, øißø-ì-Ø flj1± Δ" √√ÀÀ√° 'ðLò«øÚ [ä-Ú±øØ] - ìðLò«øÚì ä-Ú±øØ³ÚÓ- 18 È-±, -
¶¥@Ó- Ì- ±̄Π±1 ø" ø"Ó- ä Ìð-ÚÚøÚ-ìX Δ" √√ ±ÀÀ√° çðLø#Ú 2005 %-ÚÓ- ðð" -Ú±Ò øjZÀ-ì?√ce CE?√À³ 1%-Ú±
fljø1ÀÀ√° ?√' ... f [ä-Ú±øØ] - è'?√' ... fì Ú±" 1 ä-Ú±øØ³ÚÓ- 30 È-± %-≈-øÈ-ä CE-Ú±³± ±", ° Ìð-Mè ä-Ú±øØ³Ú1
%-≈-øÈ-ä-ì±1 À" Åøfljflj, È-Ú±1 >Ú1Ó- '±Ò±ø1Ó-° ø q, flj 1, ±Ò±1ÀÓ- À" Åøfljflj -ìð CE' Ú" -Ó-CEððÓ, ø-ì ±
%-, -Ú1ce ±ø?√1 ððØÓ- CEfljÀÓ≈" √√" Òflj± CE?√± ±", ° øÓ-Àflj μ" ð fljÒ±ø±øÚ 'Ú±Ò±³Ú fljø1 fljø1 CE' flj
1±øØflj±1?Ú ±√±, À?√À³ è'?√' ... fì Ú±" 1 ä-Ú±øØ³Ú 1%-Ú± fljÀ1° -Ú±øØ³Ú |ce'1ø-ìμ ±" C±@Ü [-ÚØGÀ%-1ce]¶
2011 %-ÚÓ- ðøflj±" fljÀ1° -Ú±øØ³Ú1 Ì- ±̄Π± ±-ì, 1' ±1nΠ, "√√ÀÈ√" ð CE-ì±Ò...° CE' À" √√-Ú±1nΠ-Π-
-ì- Ì- %-ø1Ó- [È√ce³Ú-ì'M√√] - èCE' À" √√-Ú±1nΠ-Π-ì- Ì- %-ø1Ó-ì Ú±" 1 ?√...flj±-ì...#Ú Ì- 0, Ó-...-Ú±" ~" «±À?√³1
jZ±1± 1ø%-Ó- çðLø#Ú ø?√-œ1 Ì- ±1Ó-œ", ø-ì?√...± ðøflj±" ÀÚ 2009 %-ÚÓ- ðð
flj±" fljÀ1° ?√...flj±-ì...#Ú 12 È-± øÚù" ±, Ó- ø-ì- Mè° %-1?√±1 -ì- Ì- ±̄Π±1
Ú±øÓ- CE?√³1 -ì...øMèQ1 >Ú1Ó- ø" -øM√√ fljø1 çðLø#Ú 1%-Ú± fljø1ÀÀ√° çðLø#ÚÓ- -Ú±øÓ- À?√³1 È√ce³Ú,
-ÚØ1", ±, Δ" ä, -ì±À?√«±ø", Ó-...±çð" √√" ðÓ-...±ø?√-ì«Ú± flj1± Δ" √√ÀÀ√° -Ú±(±Ó-... , -¶¥@Ó- f [±S±-ì'M√√] -
è-Ú±(±Ó-... , -¶¥@Ó- fì ±%-±" «... ø?√·ø1 ~" √√±-Ú±SÀ?√³1 jZ±1± 1ø%-Ó- ¶flj ±S±-ì'M√√ ?√...flj±-ì...°
çðLø#ÚÓ- CEÓ- " ¶¥@±Ó- 'øÓ-øØ 'Ò...±-Úflj ø" √√%-±-À-Ú flj "«1Ó- '¶ø±Ó- ±" Ì- flj1± 'ø" Ì- Ó-±-À-ì±11 ø-ì- ΠÀ",
Ìð-À-± fljø1ÀÀ√° 'çð-øÓ- ±øÓ- ±
Ú ðàùù Ú- 1 - , -¶¥@Ó-, ±ø" √√Ó-...flj CEflj" øÈ-± Ì- ±-Ó- Ì- ±- flj1± Δ" √√ÀÀ√° øflj øfljΣ ðàùù Ú- 2 - , -¶¥@Ó-
flj±-ì...1 Ì- ±- ?≈√È-± øflj øfljΣ ðàùù Ú- 3 - , -¶¥@Ó-, ±ø" √√Ó-...1 ?√...flj±-ì...1 ~" Ì- ±- ?≈√È-± øflj øfljΣ ðàùù Ú- 4
- , ≈-ìø±+1 jZ±1± 1ø%-Ó- ?√...çðLø#Ú1 Ú±" øfljΣ ðàùù Ú- 5 - -ì± Ì- À1jZ±1± 1ø%-Ó- ?√...flj±-ì... ?≈√Ú1 Ú±" øfljΣ
ðàùù Ú- 6 - 'ø" -1±È√ 1±ÀÈ√ ø" Ì" ð" ±Ò±øÚflj, -¶¥@Ó- ?√... flj±-ì...1 CEflj" øÈ-± Ì- ±-
¶¶ceflj±1 fljø1ÀÀ√° ðàùù Ú- 7 - ±Ò±øÚflj, -¶¥@Ó- ?√... flj±-ì...1 ?≈√È√Ú ðø±...±Ó- ?√...flj±11 Ú±" ø" flj±" ðàùù Ú- 8
- ±

?vé-1 fljÚ...±1+À-Ú , Ó-œ1 Êvlij Δ √vøÁv , ¢ √v øðüü , ~" √v , ≈øØøÁv ° ¢ √v øðüü , ~" √v1 Î-ØM√v1Ó-
flj±ø flj±-Ú≈1±À flj± Å?ª1 CEøð 1 CE?ªÓ-± ø √v%-±À-Ú ðMèV , ± Ò« Ó-Ø± ø flj ø-À ±ø √vÓ- flj±1 -±À-
CEÓ-» CEfljÁÚÖflj øð , ≈MèV Δ √vøÁv , Ó-±1 -il«Ú± ø?V , ± Δ √vÁÁv° çðLøþÚ1 øðÖ-ÀÓ- √vø1 , ~" √v± ± , ± Ó-Ø±
-Ú≈1nΠÀ Π±M√v flj døÓ- flj± Δ √vÁÁv° çðLøþÚ1 ±MèVÖ «œ , ~Ó-±1?V , ?V «Ú ±ø?V è:±Q± . ÊvÚ±-
øfljÚÀ , ±iβ , , Sè Ó-Ø± √v , ±Ú±- fl≈j œ À , Áá-ª-ªi ¢ √v ø √v ± , 1 -Ú±?VÀ?V Ó- CE Åø √vÓ-...1 -Ú±1Ó-
 , ± ± , Ú Ú± 1 ¢ÊVÚ ≈øÚ1 ± ± ±øÁv ° CEÓ-»Á1 √v -Ú≈S -Ú± flj±-Ú... √v √vøœø-Π , flj ¢ √v çðLøþÚ
øðl , Ú fljø1øÁv ° çðLøþÚ1 øðÖ- 'Ò...± , Ó- -Ú± flj±-Ú... √v √v ±R-Úø1%- , ø?V ΔfljÁÁv CE , CEÓ-»1 CE±S ±øÁv
èflj±-Ú...i ±1nΠ CEÓ-» øÚ1Ó- -±Àª √v±Ó-œ è-Ú± Úi flj±øÁv ° CE , Á , Á √v CEÓ-»1 Ú± Δ √v -Úø1øÁv ñ
è-Ú± flj±-Ú...iñ -Ú± Ú±?V . Êv ≈Ö , ... flj±À-Ú...À±ÀS ¢ª % -Ú± flj±-Ú... √vøÓ- ±...±Ó- , ¢À ±Áflj Π≈
øÚø(Ó- -» [1.1.55] -Ú± flj±-Ú...1 çðLøþÚ %-±ø1È-± ¶ö±ÚfljÓ- ø- -MèV° CE , √vÁflj √vÈ-± Δ √vÁÁvñ ~" √v±À1± ,
è≈-^À1± , ~" ...ø%-øflj , ± ±1nΠ Î-ØM√v1¶ö±Úflj 'çðøÓ-1 þøÓ- , ±Ú 1.5.2 flj±ø flj±-Ú≈1± -Ú≈1± , ±ø √vÓ-...Ö
øð±%-œÚ øð± fÁÈV...±øÓ- Π1 Î-ØÀ-±Úœ , ¢?V±Ú ±ÁÁv° þÈœ@Úœ , Úª-?V ~" øÓ-flj±1 ø-Ó-1Ó- ¢ √v
çðLøþÚ 1%-Ú± flj± Δ √vøÁv ° @Ú±?V Î-Ø-Ú-Ú≈1±1 'ðL«Ó- ¢ √v Î-Ø-Ú-Ú≈1±1±Úflj flj± œ-Ú≈1± -±ø
> CEflj±ª ± √v , ¢ √v -Ú≈1±1±ÁÚ ðMèV ±1±ÚÚ±flj ÊvÚøøð , flj1Ò- ø-À -ΠÖflj -± flj± ±±...±1 døÓ-1 ø-ΠÀ ,
-il«Ú± flj±1ÁÁv° flj±ø flj±-Ú≈1±1Ó- 90È-± 'Ò...± , ±ÁÁv° Y-ø Π ±fl«iAG , ±1nΠ flj Ö±ø?V ≈øÚ , flj 1
fljÁÖ±-ÚfljÖÚ1 Êvø1 , ÁÓ- ¢ √v -Ú≈1±1 flj±ø √vÚœ -± Î-Ø-Ú¶ö±-ÚÚ Δ √vÁÁv° ¢ , ~" Ó- flj Ö±ø?V ≈øÚ , flj Á
Y-ø Π ±fl«iAG , flj , CEfljÁÚÖflj flj± œÀ , ø flj ø-À ±ø √vÓ- flj±øÁv , CEfljÁÚÖflj ?vé-1 fljÚ...±1+À-Ú , Ó-œ1 Êvlij
Δ √vøÁv , ¢ √v øðüü , ~" √v , ≈øØøÁv ° ¢ √v øðüü , ~" √v1 Î-ØM√v1Ó- flj±ø flj±-Ú≈1±À flj± Å?ª1 CEøð 1 CE?ªÓ-±
ø √v%-±À-Ú ðMèV , ± Ò« Ó-Ø± ø flj ø-À ±ø √vÓ- flj±1 -±À- CEÓ-» CEfljÁÚÖflj øð ≈MèV Δ √vøÁv , Ó-±1
-il«Ú± ø?V , ± Δ √vÁÁv° çðLøþÚ1 øðÖ-ÀÓ- √vø1 , ~" √v± ± , Ó-Ø± -Ú≈1nΠÀ Π±M√v flj døÓ- flj± Δ √vÁÁv°
çðLøþÚ1 ±MèVÖ «œ , ~Ó-±1?V , ?V «Ú ±ø?V ±À ±%-Ú± flj±1 . ÁÓ- ðMèV1 øðá-±Ó- CE?ªœ Úœ ±
%- -±ø , Úœ flj± ±±...±1 ø-±Ú flj±1 . ÁÓ- CEÓ-»1 ø-± 1+ -Ú Δ -1ªœ , flj± œ ,
%-± ≈Gœ ±ø?V1 -il«Ú± flj± Δ √vÁÁv° çðLøþÚ1 flj± 1+ -Ú1 Ú?V-Ú?Vœ , -Ú± √v±1-Δ- , ± , ÊvÚ- '1ì... ,
Ó-œÖ«¶ö±Ú ±ø?V1 ø-±¶Ó- -il«Ú± CE-Ú±ª ± ± , ° <øÓ- √v±ø , flj -il«Ú±1 . ÁÓ- flj±ø flj±-Ú≈1±1Ó- flj± 1+ -Ú1
CE -Áø flj -il«Ú± CE-Ú±ª ± ± , ° flj±ø flj±-Ú≈1±1±ÁÚ √v CE-Ú±ÚøðÀ flj± 1+ -Ú 1±Êv...1 -±ø √v- , œ ± øÚX«±1
flj±1 ø?VÁÁvñ èè-ÚÁ1±flj± Ú± Ú?Vœ flj±ÁÓ-± , ± øð?Vøè-Àè Î-ØM√v1±ªÚœ %-±Àø¶ Ó-Óf- -Úª« f
flj± 1+ -Úflj fªªi [flj±ø flj±-Ú≈1±1 , 78.7] çðLøþÚ1 øð± fÁÈV...±øÓ- Π1 -il«Ú± CE-Ú±ª ± ± . ÁÓ- , Ú1Áflj CEfljÁÚÖflj 1 ,
~" -flj±1 , ø , 1œøÓ- ±ø?V , ±ø √vøÓ-...flj Î-Ø-Ú±?V±ÁÚÁ1 , ~" X ¢ √v çðLøþÚ1 55-70 'Ò...± , Ó- ± flj± ±±...±1
Î-Ø-Ú± , Ú±1 ø-± -± Î-Ø-Ú±%-±1 Ó-Ø± -ÚXøÓ- , ~" √v1 ø-ΠÀ , ±À ±%-Ú± flj± Δ √vÁÁv° CE Π1 Ò...
± , ~" √vÓ- ~" √v± -±1Ó-1 1±ÊvÖ « , CEfljÁøÈ-...1 'Ò« ±¶a Ó-Ø± flj± µfljœ , èÚœøÓ- , ±1i1 ±Ø±1Ó-
1±ÊvÚœøÓ-1 ±À ±%-Ú± flj± Δ √vÁÁv° ±R ~" ...± , 1ì øðüü - flj±ø flj± -Ú≈1±1Ó- CEflj±ÚÁ-±1 ø-Π , ± ±1±
Δ √vÁÁv° [50È-± s1 ø-Ó-1Ó-]

..... 1.5.3 'Ú...±Ú... -Ú≈1±1 flj±ø flj±-Ú≈1±1 Î-Ø-Úø1>
øð±%-œÚ flj± 1+ -ÚÓ- è¶ª» , ...-Ú≈1±1i Ú± 1 ±Ú ±Ú -Ú≈1±1 1%-Ú± flj± Δ √vøÁv ° ±Ú± ±øÚflj Úª-?V ~
'øÓ-flj±Ó- ¢ √v -Ú≈1±1±Ú 1ø%-Ó- Δ √vøÁv ° flj± 1+ -Ú ±1nΠ CE-ÁÎ- CE?V 1 ¶úøÓ-øÚªgflj±1 , fljÁ ¢ √v
-Ú≈1±1±Ú1 -Ú±1 Î-ØXøÓ- ø?V , ± CE?Vøþ-Ö CE-Ú±ª ± Δ-ÁÁv° ±Ú √v±ÁÓ- , ±Ú± ±øÚflj SÀ , ±?V 'øÓ-flj±1
øðÖ ±X«Ó- èÖ «-Ú≈1±1i Ú± 1 ±Ú ±Ú -Ú≈1±1±À ± ¢ √v flj± 1+ -ÚÓ- 1ø%-Ó- Δ √vøÁv -±ø ÊvÚ± Δ-ÁÁv° 1.6
Ó-La , ±ø √vÓ-... øð± fÁÈV...±øÓ- Π 'Ó-± flj± 1+ -Ú Ó-La , ±ø √vÓ-...1 -±À-± ø-± ±øÁv ° Ó-La -± ±
 , ±ø √vÓ-... , ~" Ó- -±À ±Ú 1%-Ú± flj± Δ √vøÁv ° 1.6.1 CE ±ø-ÚœÓ-La øð±%-œÚ flj± 1+ -ÚÓ- 1%-Ú± flj±
Ó-La , ±ø √vÓ-... , ~" √v1 ø-Ó-1Ó- èCE ±ø-ÚœÓ-La i 'Ú...Ó- ° çðLøþÚ1 1%-Ú±-flj± , ¶ªg , ±À ±%-flj , flj 1
±ÊvÓ- ~" Ó-ÖjZÓÓ-± Ö±øfljÁ , ± -...ðL1œl ±1nΠ -± √v... øð ±1i ø-øM√vÓ- çðLøþÚ þÈœ@Úœ , jZ±?V
'øÓ-flj±1 -Ú1± þÈœ@Úœ , 5?V 'øÓ-flj± -±ø Î-±ª1 flj± Δ √vÁÁv° Ó-La , ±ø √vÓ-...1 Δ-±ø @Ü... √v Δ √vÁÁv
øª ±1nΠ -Ú±-±Ó-œ1 , - ±-Úø CE ±ø-Úœ Ó-LaÁÓ-± øª ±1nΠ -Ú±-±Ó-œ1 , - ±-Úø CE?Vøþ-Ö CE-Ú±ª ± ± , °
CE ±ø-Úœ Ó-Laflj
Ó-La , ~" √v1 1Êv± -±ø
ø 'ø-ø √vÓ- flj± Δ √vÁÁv° CE ±ø-Úœ Ó-La ?≈È-± -±-Ó- ø- -MèV° øðÖ -±-ÀÈ-±1 Ú± -Ú-±±Ö , 'íÓ-
19È-± -ÚÈ- 'Ò«±» 'Ò...± , ±ÁÁv , ±1nΠ øjZÓ-œ , -±-ÀÈ-±1
Ú± Î-ØM√v1±Ö« , 'íÓ- 16È-± -ÚÈ-Ú CE-Ú±ª ± Δ-ÁÁv° , -±≈í- CE±±flj1 , -±...± øð± , 3400È-±ø øª ±1nΠ
-Ú±-±Ó-œ1 , -±-±À?VÁ1 CE ±ø-ÚœÓ-La øð±1y Δ √vÁÁv° çðLøþÚ1 øðÖ -±-±1nΠ1 øð - , ±Á1 ±1y Δ √vÁÁv°
flj± œ , ~" √v±ø-±?V...± , »flj «1 , •Ú±?VÚ ±ø?V ø-Π , 1 'Ö± 'Ö -il«Ú± flj±1 -Ú±ÁVÁÓ- Êv-Ú , CE √v± ±ø?V , •ÚiB
flj±1-Ö Î-Ø»flj-á-± ±ø √v , ~" √v1 -il«Ú± flj± Δ √vÁÁv° ¢ √v øð , eÁÓ- flj± ±±...± CE?ªœ1 ¶ö±Úflj , Á-±±flj@Ü
-Úø-±S ¶ö±Ú -±ø CEflj±ª ± Δ √vÁÁv° çðLøþÚ1 11Ó- -ÚÈ- 1 -Ú1± 15Ó- -ÚÈ- Ö øð±%-œÚ flj± 1+ -Ú1
 , ± ±øÊvflj , 1±ÊvÖÚøÓ-flj Ó-Ø± Ö±ø «flj ¶ö±Ú -il«Ú± flj± Δ √vÁÁv° øjZÓ-œ , -±-Ó- ~" Ó- øð±%-œÚ
flj± 1+ -Ú1 Ö «œ , Î-Ø-Ú± , Ú± flj± ¶ö±Ú , ~" √v , -Úø-±S Ú≈á-±Ú Ó-Ø± √v , ±1 'Ó- , •¶øgÓ- ø-Π , ~" √v
Î-Ø-Ú¶ö±-ÚÚ flj± Δ √vÁÁv° -±1Ó- -±1nΠ «1 %-±ø1±1 øðÖ±Ú Ö «œ , -Úœ-±SèÀ Î-ØV , ±-Úflj , Ó-... ≈1 ,
-Ú»À ±1 CESÓ-± ≈1 , Áj± g1flj jZ±-Ú1 ≈1 ±1nΠ flj± 1+ -Ú -± flj± ±±...±

2.5.2 "√∅1À?√ª [1426-1546] ' , ~1 Δ-ι- ùª -∪Lö±1 81nΠ, flj 1 ∅^-Ó-1Ó- "√∅1À?√ª 'Ú...Ó-~º CEÓ-γ"1 ?≈√#Ú , -¶'®Ó- ∂∂flj1 çΔLÖ CE-Ú±ª± ± , ° ^-∅MèV1, Ó-1∅eÚce - "√∅1À?√ª1 jZ±1± , -flj∅ Ó- #Ú , -¶'®Ó- çΔLÖ Δ"√∅1À√ ^-∅MèV1, Ó-1∅eÚceº ∅-∅∅-∅-∅ , -¶'®Ó- ±¶a1 -Ú1± 'Ú± , -∅≈-∅-1091È-± CEù±±flj "∅√√" , ±Ó- , ∅∅∅ª∅Ü Δ"√∅1À√ "∅√√" , ±Ó- 13È-± ∅¶ª flj ['Ò...± ,] CE-Ú±ª± ± , ° CEù±±flj , ~"√∅-~"Ó- ^-∅-ªÓ- ~"√±-∅≈1±1 ±1nΠ 'Ú...±Ú... -∅≈1±1 -∅1± , -flj 'Ú flj1± Δ"√∅1À√º "∅√√" , ±À1 ∂∂Ö %∅-∅1È-± ∅¶ªfljÓ- ^-∅-ª±Ú flj 'ù1 8ì±∅≈flj∅Ó-∅-∅ flj1± Δ"√∅1À√º -∅≈ ∅¶ªfljÓ- ^-∅MèV CE ± '±1nΠ Πá-∅¶ªfljÓ- ∅∅Sè , ±À ±± , ±1 'Ú≈ , ∅1 , '∅∅Ü ∂∂∅Sè , ± -∅∅Ú± flj1± Δ"√∅1À√º ^-∅MèV1, Ó-1∅eÚce , •ÚÀ¶k; '±È-± "∅√∅-∅flj Í-∅À-∅Úce , flj∅±ÀÈ-± #À , CE , "∅√√" , ±Ó- ∅flj± CEù±±flj , ~"√∅flj ' , ~∅ , ± ^-∅-∅√∅Ú :?√...Ó- flj1± Δ"√∅1À√º 1ì , -∅"√∅Ó-± - "√∅1À?√ª1 jZ±1± ∅-∅1∅%-Ó- ^-∅± #Ú ∂∂flj1 çΔLÖ Δ"√∅1À√º è 1ì , -∅"√∅Ó-±º çΔLÖ±ÚÓ- ∅-∅∅-∅-∅ , -¶'®Ó- çΔLÖ1 -∅1± %∅- , 'Ú flj1± ≈∅-1 278È-± CEù±±flj '±1nΠ CE , "∅√∅À-∅11 , ~±Ú , -∅...flj -∅?√ ^-∅-∅√∅Ú ±ÀÀ√º çΔLÖ±Ú ≈∅-∅-∅ "∅√√" È-± ∅¶ªfljÓ- ∅-∅-∅ -∅MèVº '±R" ...± ,] ∂∂ü-2 -flj1À?√ª1 -∅1ªÓ-∅∅ flj∅-∅ , flj 1 , -¶'®Ó- , ±∅"√∅Ó-...Ö "ª?√±Ú CEfljÀÚflj±±Σ

..... 2.5.3 ^-∅-∅√ª [1558-1638] Úª∅-∅-∅ª ∅~«1 '±Ú #È√Ú ∂∂%-∅±1flj , -∅±È-∅-∅-∅-∅ , ∅ , S1 '∅∅flj±1 '±1nΠ -∅...± , flj∅∅À√ , S1 ∂∂∅Ó-∅-∅-∅-∅ flj∅-∅1P Δ-∅flj∅FÚ∅Ü ^-∅-ªÓ- ^-∅± %∅-∅± «' , ~∅ , ± , ±∅"√∅Ó-...Ó- è ^-∅-∅√ª?√ª1 Ú±À À1 È√Ú±È√∅-∅º , ~∅ , ± :?√... , ±∅"√∅Ó-...1 È√Úflj ^-∅-∅√ªflj ^-∅MèV , fljÀ '±-∅-∅-∅± ∅flj∅-∅1Pí '±1nΠ è ^-∅-ªÓ- ^-∅±%∅-∅± «Í-∅-∅-∅±∅∅ ?≈√È-∅±À∅-∅"∅√√ CEÓ-γ"1 -∅±∅GÓ-... ∂∂flj±∅ Ó- Δ"√∅1À√º CE?√ª ?√±À ±?√1 81nΠ1 ~" , S -∅±È-∅-∅-∅-∅ , ∅∅-∅-∅∅∅∅-∅∅ , ~±1nΠ ±¶a1 -∅Í-∅-∅-∅±-∅1 ~±È√∅-∅ ∅Ü çÜ 1±± flj∅-∅1P1 1%-∅±ª ∅ ~"Ó- ?≈√È-∅± ^-∅-∅±∅∅ CE-∅±ª± ± , ñ , ~∅ , ± ±1nΠ , -¶'®Ó-∅ ∅È√1 Ú± 1 Í-∅-∅∅1 ∅flj 'ù ^-∅±1∅-∅∅ À√ Ú± À∅-∅± ^-∅-∅√ª?√ª1 ∅∅LÖ ∂∂ì , 'Ú flj∅1∅À√ ñ ^-∅MèV , ±1 ±1nΠ , ∅L ∅Úì«' , ° , ~∅ , ± , ±∅"√∅Ó-...1 -∅≈1?∅ ∂∂À∅-∅± , fljÀ ^-∅-∅√ª1 , ±∅"√∅Ó-...1±∅È√flj #ÀÚ?√À1 ^-∅-∅ flj∅1ÀÀ√ñ [flj] '±±...±Ú" flj 1%-∅±∅ñ ÚÀμ±» ,ª [±] 'Ú≈-∅±?√" flj 1%-∅±∅ñ ∅∅∅-∅ ≈∅ , "√∅√Ú± , ±QÓ- Ó-La [-] Ú± -∅∂ , e1 -∅≈∅∅ñ ∅∅flj 'ù-∅∅ ±- flj∅∅Ó-∅ , ∂∂ , e ± ± [.] ∅∅-∅ñ ^-∅MèV ~" flj ∅∅-∅ , Ó-Q ~" flj ∅∅-∅ Ó-∅± 81nΠ ?√±À ±?√1À?√ª1 1+-∅- 8ì1 -∅μÚ± ±∅?√

[.,√√] flj∅±-∅∅ñ ç ^-∅-ªÓ- flj∅± , ç æ√ª?√√ ∅∅-∅± flj∅± , ç ^-∅MèV 1P±ª ∅ flj∅± [%∅-] , -¶'®Ó- ∂∂flj1 çΔLÖñ ç ? f√ ^-∅MèV∅-∅-∅-∅-∅ [, -¶'®Ó-] , ^-∅-ªÓ-∅∅∅flj1ì [, -¶'®Ó-] , ^-∅MèV , ±1 [, -¶'®Ó-] , ∅L ∅Úì«' [:?√...] '±1nΠ , -¶'®Ó- CEù±±flj1 , -À ±È√Ú , 1ì ±∅" flj± [, -¶'®Ó-]º ^-∅-∅√ª1 , -¶'®Ó-∅çΔLÖ ç ? f√ ^-∅MèV∅-∅-∅-∅-∅ , -¶'®Ó- ^-∅±∅∅∅-∅-∅-∅-∅-∅ ∅√√ çΔLÖ±Ú #Ú ^-∅MèV ∂∂∅Ó-∅-∅±?√flj ∂∂flj1 çΔLÖº çΔLÖ±Ú1 , ±1∅1∅-∅∅flj± ^-∅∅-∅± 'Ú≈ , ∅1 1543 flj [1621 #È∅-1] ± , ± ∅√1 ∅∅È-∅ CE?√-∅±À1 ∅√√ çΔLÖ±Ú , ±∅5 Δ"√∅∅À√º |nΠ∅Ó-∅¶'®Ó-∅-∅≈1±-∅±1Ó-∅±∅?√fljÓ- -∅±1?√' «∅ -∅∅GÓ- ^-∅-∅√ª1 CE-∅?√ ±1nΠ CE-∅?√" flj ±¶a1 -∅1± ^-∅MèV ~" flj CEù±±flj , ~"√√ -∅±∅%-∅ Δ" ∅√√ çΔLÖ±Ú ∅Ü «± flj∅1∅À√º ∅∅Ó-γ" ∅ÚÀÈ√"∅√√ ∅√√ flj∅± #ÀÚ?√À1 -∅...MèV flj∅1ÀÀ√ñ èç ? f√ ^-∅-ªÓ-∅-∅-∅∅L CE ,ª flj1 ∅ , 'Ú±∅-∅-∅Ü1 flj∅± -∅...MèV flj± Δ"√∅1À√ , Ó-∅flj ±Ú flj∅À∅-∅ CEflj±ª± Ú± ∅√√ñ #ÀÚ Í-∅∅MèV ?"√1 flj∅1 |nΠ∅Ó-∅1 ?√À1 ~±Ú... '±Ú ±¶a , ~"√√1 -∅1± , ±1 , -∅∂"√√ flj∅1 , ?f√ Δ-∅-∅ª1 ∂∂∅∅∅-∅1 CE"√∅∅-∅ CE±∅ªμ1 ç%-∅1flj '±ì , flj∅1 ~" ç ? f√ ^-∅MèV ∅ªÀ-∅flj , -∅∂"√√ flj∅1À "±º [^-∅MèV∅ªÀ-∅flj , 2] ç ? f√ ^-∅MèV∅ªÀ-∅flj çΔLÖÓ- 15È-± -∅Ü∅1À26√?√ ±ÀÀ√º ∅√√ -∅Ü∅1À26√?√ , ~"√√1 Ú± , ~"√√ #ÀÚ∅1ìñ [1] ^-∅MèV∅∅±Ú ∅Úì«' , [2] 81nΠ-∅ Π...-∅Úì«' , [3] 1ì-∅Úì«' , [4] Ú± - ~±"√√±R... , [5] ^-∅-∅?√√ ^-∅MèV ~±"√√±R... , [6] , »- , e-∅Úì«' , [7] [ª]-flj∅∅Ó-∅-∅ ±∅?√] ^-∅MèV1 flj∅Ó-∅-∅... ∅Ú1±-∅Ü [^-∅MèV±Ú±- flj∅Ó-∅-∅... f] , [8] [ª]-∅Úì«' , [9] flj∅∅Ó-∅-∅Úì«' , [10] ¶ú1-∅Úì«' , [11] -∅±?√À ,ª ∅Úì«' , [12] %∅-∅-∅Úì«' , [13] Ú ¶'®±1-∅Úì«' , [14] ?√± ,...-∅Úì«' , [15] ^-∅-∅±Ú-∅∅Ó-∅-∅...-∅Ú1±-∅Üº ∅√√ ∂∂flj1 çΔLÖ±Ú1 ∂∂∅¶ª±Ú±1 ∅Ó-∅∅È-± ±1nΠ '∅∅L CEù±±fljÀÈ-± ^-∅-∅√ª1 jZ±1± 1∅%-∅-∅º -∅±flj∅ CEù±±flj , ~"√∅-∅∅flj±-À1 ±∅±1 çΔLÖ1 Í-∅À-∅± ±ÀÀ√º ∅ À-∅±1 , -¶'®Ó- çΔLÖ1 -∅1± ^-∅-∅√ª1 CEù±±fljÀ-∅±1 ±∅ÚÀÀ√ , Ó-∅±À1 ∅fljÀ≈√ ±Ú çΔLÖ "√√ ñ Ÿ-∅-∅?√ , 1± ± , ì , ~"√√± ^-∅±1Ó- , À√±Àμ± , ...Í-∅-∅∅Ü Π?√ , flj∅±-∅∅Ü Π?√ , ÷À ±-∅∅Ü Π?√ , CEù Ó-∅±∅ Ó-∅±1±-∅∅Ü Π?√ , ~Ú≈ , -∅"√∅Ó-± , -∅1± 1 , -∅"√∅Ó-± , ∅-∅ ≈∅ , -∅"√∅Ó-± , -∅Ω-∅≈1±] , -∅"√√∅±1∅∅ , -∅≈1±] , -∅∅∅∅±G -∅≈1±] , ±NÓ- Ó-La "∅√∅Ó-...±∅?√º ^-∅-ªÓ-∅∅∅flj1 -∅±-∅Ó-∅-∅±∅∅-∅?√∅∅-∅flj± Ú± 1 ç∅1¶ª± ∅∅1 ^-∅-ªÓ-∅-∅±1Ó-∅ ^-∅±∅... CE-∅±ª± ± , ∅√√ ^-∅±∅...ÀÈ-∅±1 È√∅È-1 ' - 1 , -¶'®Ó- ∅È-∅m∅∅ÀÈ-∅±1 Ú±À "∅√√ Δ"√∅1À√ ^-∅-ªÓ-∅∅∅flj1º ^-∅MèV , ±1 - ∅√√ , -¶'®Ó- çΔLÖ±ÚÓ- çflj 'ù1 -∅"∅-∅∅∅Q ∂∂∅Ó-∅-∅±?√Ú flj∅1 ^-∅MèV1 CE|á-Q CE?√±ª± Δ"√∅1À√º '±R" ...± ,] ∂∂ü-3 ^-∅-∅√ª1 , -¶'®Ó- , ±∅"√∅Ó-...∅∅∅Ü1 ~" ...± ,] CEfljÀÚ ∅1ì1Σ

..... 2.6 , -¶'®Ó- flj±-∅... , ±∅"√∅Ó-... ∂∂±%-∅∅Ú flj± 1+-∅Ü-∅ , -¶'®Ó- flj±-∅... -∅± flj∅-∅-∅± -∅± CEù±±flj1 1%-∅± ∅Ó-∅-∅... , -∅...fljÀ"√√ ?√∅∅ÜÀ-∅%-∅1 "√√" , ° "∅√∅∅-∅-∅∅... Í-∅∅±± flj1± Δ"√∅1À√ CE -flj1À?√ª -∅± ± -fljÀ1±M√√1 flj∅-∅ , fljÀ ∅ À-∅±1 flj±-∅... -∅± Ú±È-∅flj 1%-∅± flj∅1

øÅ√, CE, "ø√Å-ri+11 fljÔ±-id1 ~" Î-0», '±øÅ√', -¶'©Ó- , ±ø√VÓ-...º CEÓ-»À ±flj , -¶'©Ó- CEù±±flj 1%-Ú±Ó-
øÚ-Ú±Ú ±øÅ√ ' ±1nΠ CEÓ-»À ±flj1 flj±ri...-Ú±È-fljÓ- ¶¶1ø%-Ó- , -¶'©Ó- CEù±±flj , - çü fljø1øÅ√º ç ðL -flj1À?
√Àº CEÓ-»1 Å√ , ±Ú -fljœº , ± Ú±È-Ó- 179È-± ¶¶1ø%-Ó- CEù±±flj1 , ±Àº , ÀÈ-±º±1 ~.ÀÓ- 9È-± CEù±±flj1À1 øÈ-
ø-ri ≈ü øð' øð¶ > 1%-Ú± fljø1øÅ√º - flj1À?º±1 ±ø√V«ÀÓ- ~±ÓºÀ?√Àº CEÓ-»1 Ú±È- Ó-Ô± Á≈j 1± , ~"√VÓ- ±Ú
çðLø1 -Ú1± , -¶'©Ó- CEù±±flj ri...º "√V±1 fljø1Å√ ±1nΠ eCE -riÈVÚ- ø-ri "√V±1 Ú± 1 Á≈j 1±±ÚÓ- 'Ú±©Ú≈ -ri ±1nΠ
~μ±Sê±øL± Å√ÀμÀ1 øÚÀÈV CEù±±flj 1%-Ú± fljø1 Ó-±Ó- , -À ±øÈVÓ- fljø1Å√º CEÓ-ÀÚ?√À1 CE ±-Ú± ~ ±Ó-ri ±ø√
èÈVij ±S±i ±1nΠ eCE ±-Ú±œ-Î-0Xº , -ri±?√i Ú±È-flj1 ri±À-ri Ó-Ô± 1± ~%-ri1 Í-ri±fl≈jÀ1 eflj- , riÒi Ú±È-fljÓ-
'Ú±©Ú≈ -ri ±1nΠ ri , øL øÓ-ri flj Å√μ1 CEù±±flj ø' ø±'øL -ri≈MêV fljø1Å√º Δ?VÓ-...±ø1 Í-ri±fl≈jÀ1 CEÓ-»1 èÚø , -"√V
±S±i ±1nΠ è , ... øL "√V1i ±S±Ó- Î-0À-Úf-riøgt;± , 'Ú±©Ú≈ -ri , Î-ri≈ÈVøð , ±Ó-ri ±1nΠ ±?«√" ø-riSêœøi-ri Ó-ri Å√μÓ-
CEù±±flj 1%-Ú± fljø1 , - çü fljø1Å√º -Ú±ø1ÈV±Ó-ri "√V1i flj±ri... - CEflj±%-ri 1ÈV± Ú1Ú±1± , l1 [Èœe- 1540-1584]
'Ú±Àøð1±
Ó-ri fljø-ri flj±«-Ú±À1 è-Ú±ø1ÈV±Ó-ri "√V1i Ú± 1 ±flj±ri... 1%-Ú± fljø1øÅ√º ø"ø√V flj±ri...±Ú1 flj±ø"√V
Ú±œ -ri± ~"Ó-ri "√Vø1-ri-ri ±1nΠ -ri±ºÓ-ri -Ú±1±l1 -Ú1± , -"√VœÓ-riº fljø-riÀ , flj±ø"√VÚ±œ -ri±1 ~ÈVÀÓ-ri flj± ±±...
± , "√V" çðœº , CEflj±?±1 , Î-0 ±Úμ ±1nΠ CE ±ø"√VÓ-...1 -ri«Ú± , -À ± fljø1 flj±ri...±Úflj 'Ú±... ~±S± øð?√±Ú fljø1Å√º
ø%-M√V±À ±?√ flj±ri... - , 5?√' øÓ-ri flj±1 ± -ri± Ó-ri -ri±øá-ri flj±?√± , Å√Ω Ú±À À1 CEflj±ÀÚ± ±ÈVÚ , -¶'©Ó-ri fljø-riÀ ,
èø%-M√V±À ±?√ flj±ri...i Ú±À À1 ±flj±ri
Ó-ri flj±ri flj±ri... 1%-Ú± flj1Àº flj±ri...±ÚÓ-ri 108È-ri± , -¶'©Ó-ri CEù±±flj CE-Ú±± ± ± , ø"ø√V , ±À1 øðØ ~ ø-ri± CEù±±fljÓ-
ri
ri± À-ri-Ú± 11ri-ri ±1nΠ flj± ±œº œ1 -ri«Ú± ±ÀÅ√º ø-riÚÀV1 ±ri-È-ri± CEù±±fljÓ-ri fljø-riÀ , øÚÈV1 -riÚø1%-ri , ' ± ± ,
"√VÓ-ri± ± ±ø?√ ri...MêV fljø1Å√ ±1nΠ ?≈±1 CE ±%-riÚ ø"√V%-ri±À-riÚ Ó-riÔ± ≈øMêV1 Î-0-riÚ± , ø"√V%-ri±À-riÚ
flj±Ú1 Ú± ¶¶11i Î-0-riÚÀ?ø' ø?√ÀÅ√º ø-riúø , -"√V %-ø1Ó-ri - Ú1Ú±1± , l1 -riÚ1ºœ«œ CEflj±%-ri 1ÈV± øð±lÚ±1± , l1
[1633-1666] -ri'á-ri-Ú± -ri flj±ri±Ó-ri çÚ±Ø øriZÀÈV èø-riúø , -"√V %-ø1Ó-ri
ri Ú± 1 ±flj±ri... 1%-Ú± flj1Àº
2.7 , -¶'©Ó-ri Ú±È-flj , 5?√' øÓ-ri flj±1 CE -riΠ1 Ú-ri±À CEflj±ø√ÈVÚ ±Ú , ~œº , ± fljø-riÀ , , -¶'©Ó-ri Ú±È-flj
Ó-riÔ± -ri fljœº , ± Ú±È-ri flj ±-CEfljÀ ~1 ±Ó±1Ó-ri CEflj±ø√ÈVÚ ±Ú , -¶'©Ó-ri Ú±È-flj 1%-Ú± flj1Àº flj± fl≈j ±1 "√V1i f -
'±À"√V± ¶¶«À?√i-0 øº , -"√V [1714-44] ±1nΠ CEÓ-»1 ?≈√-1±fljœ -riÚPœ SêÀ ~ øð'ÀØù 1œ ±1nΠ ø¶flj±1
'Ú±Àøð1±Ó-ri fljø-ri%-ri f
øriZÀÈV ø"ø√V Ú±È-flj±Ú 1%-ri
Ú± flj1Àº ø"ø√V Ú±È-flj±Ú 6È-ri± -ri fljÓ-ri ø-ri -riMêVº ø"ø√V Ú±È-flj±Ú1 ø-
riΠ , ri
id Δ"√VÀÅ√ CE ±ø1Ó-ri-ri≈11 1ÈV± 1±l± , ≈11 fljÚ...± ÿ -riΠ±1 , ±œÀº , flj ø%-riSÀ ±±1 jZ±1± çflj±Ú1 Ú±øÓ-ri øÚ1nΠX1
'-riÚ"√V1iº Ú±È-flj±Ú1 Î-0», Δ"√VÀÅ√ "√Vø1-ri-ri ±1nΠ -ri±ºÓ-ri -riÚ±1±º Ó-ri±À1±-riÚø1 16 øÓ-ri flj±Ó-ri Δ-ri-ri úº fljø-ri
'ÚøL flj± œÀº , 1%-Ú± flj1± eflj± ±1 "√V1i Ú± 1 flj±ri...±ÀÚ; Ú±È-ri...flj±1flj øflj±À≈V , "√V± , fljø1Å√º ø-riÀ,È ÈVÀij±?
√' , f -ri±À"√V± 1ÈV± flj± À'ú 1 ø , -"√V [1795-1810]1 1±ÈVfljø-ri CE-À1œflj±øL øriZÀÈV 1721 fljÓ-ri ø"ø√V Ú±È-flj±Ú
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9Ú— ðð— ãÀÀ?√³¹ ~≈±... ,—¶'©Ó— çðLøþÚ1 Ú± ~ ðfljΣ 10Ú— ðð— èð%—M√√±À ~ ±?√flj±—...iþÚ Çeflj±ÀÚ 1%—Ú±
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±flj1í Ú± ± 1 ¶±Ú —...±flj1 ± ±¶a ððì ' Ú fljð1 , —¶'©Ó— ±flj11 ¶flj , ≈fljœ ± ± Ò±±± ðð³Ó—Ú fljð1øÁV ° ð'ÀÈ—±
è1P ± ± ±—...±flj1í , •x?√± ± , ±—±1n¶ — —Ó— ð—À— ¶ — ±À³ èðð, X° ± "ð√√ —...±flj1±Ú1 'Ú...Ó— Δ—ìø' ©Ü...
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√ ± ± Δ"√VÀÁV çðLøþÚÓ— 8È—± ð—Ú...± ± , [Ô...± ± ,] ÇE—Ú±± ± ± ± ° ððÀ ± ± 1P ± ± ± —...±flj1 Í—ð—Úø1 ð—?√...±—±—œÀ
 , —¶'©Ó— —...±flj1 ÇE—S±ÙÖ — —Uø±øÚ '±?√±Ú ± —ì— ± "ð√VÀÁV ÇEÓ— "1 è— ¶Èf—flj±1flj ððÀ ± ± í Ú± ± 1 çðLøþÚÓ—
ÁV , ð—Ò flj±1flj ððÀ ± ± 1 ð—ìø ÇE?√±±± ± ± Δ"√VÀÁV èÈ Äøfljflj —Ú?~?1œí Ú± ± 1 çðLøÓ— —Ú?√ —Í—Ú1 ð—ìø —ìß
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—...±±...±Rflj ÇEÈ—±flj± ÇE—Ú±± ± ± ± ° 2.9 ÁVμ ± ±¶a ðð±%—œÚ ' , 'Ó— ÁVμ ± ±¶a1 %—%—«—±1 Í—ð' ±Ú ÇE—Ú±± ± ± ± °
Çeflj±%— 1ÈV± Ú1Ú±± ± ± , [1540-1584]1 , ^— ±fljð— flj|«—Ú≈À1 è—'M√V ± ± ± í Ú± ± 1 ¶±Ú ÁVμ ± ±¶a ððì ' Ú fljÁ1° "ð√√" , ±Ó—
flj±—...Ó— ððÀ ± ± ÇE"√√±± ð—ìø —ìß ÁVμ1 ' è—ÀÀ1 Δ, ÀÓ— ð—À—Ú±— ¶ í flj± ± Δ"√VÀÁV 2.10 ¶ú'øÓ— ±¶a "ð√VøÓ— ~ÀÖ...
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¶ú'øÓ— , •x?√± ± , í —ìø ' , 'Ó— ¶ú'øÓ— ±¶a1 ¶flj , ≈fljœ ± ± Ò±±± "ð√V ðð±%—ø' Ó— Δ"√V ±øÁV ~ ° , ~1
¶ú'øÓ— ±¶aflj±1, flj 1 ð'—Ó—1Ó— Úœ ± ±¶1±%—± ± ± «"ð√V ðð±%—œÚÓ— , ð'ÈVÁU SÀ ± ±?√' 'øÓ—flj±ÀÓ— Ò« ± ¶a
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øÚ±gflj±1, flj 1 ð'—Ó—1Ó— 'Ú...Ó— Δ"√VÀÁV —ÚœÓ—±•¶1 ø, X±øL —±—œ ° ~ ~√√±±ÈV Ú1Ú±± ± ± , ì1
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[1] ?VgÀfljÄ ~ ±?Vœ, [2] ÇEððÓ—ÀfljÄ ~ ±?Vœ, [3] —"√VœÚ± , «ÀfljÄ ~ ±?Vœ, [4] ðð ±ìÀfljÄ ~ ±?Vœ, [5] |±XÀfljÄ ~ ±?Vœ, [6] ?
≈VÀ—«± » , ±ÀfljÄ ~ ±?Vœ, [7] ¶flj±?√' œÀfljÄ ~ ±?Vœ, [8] qøXÀfljÄ ~ ±?Vœ, [9] ððøÓ—á—±ÀfljÄ ~ ±?Vœ, [10] , —fljÄÀfljÄ ~ ±?Vœ,
[11] ðð± ± , ø(M√VÀfljÄ ~ ±?Vœ, [12] Ó—œÓ—ÀfljÄ ~ ±?Vœ, [13] flj± ÀfljÄ ~ ±?Vœ, [14] —Ú≈?Vœè—±ÀfljÄ ~ ±?Vœ, [15]
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Çeflj "ð√√±Ú ±Ú ^—±¶@11 Ú± ± ±ÀÚÒ1ì1ñ flj± ± ^—±¶@1 , —ì«— ±¶@1 , ø?√' ^—±¶@1 , ð—ìø— "√V ^—±¶@1 , flj «—ÚXøÓ—
^—±¶@1 , 'À'Ä%— ^—±¶@1 , fljÓ—...—ÚXøÓ— ^—±¶@1 , ÇE?Vœè—Ú'ÈV± ^—±¶@1 "ð√VÓ—...±ø?V° 2.11 , ±1±— [||||Summing
Up |||] »—Ú11 '±À ±%—Ú± ± —Ú1± ± "ð√√ fljÓ±ÀÈ—± ððø—œ' , ±Ú "√Vì ÇE" , ðð±%—œÚ flj± ± À1 —Ú1± ' , 'Ó— ±øÈ— , —
¶'©Ó— %—%—«—±1 —Ú1•Ú1± ±È—± .ì— Δ' Í—ðøì—øÁV ~ ° ðð±%—œÚ ' , ~1 ÇE—À' , ± ±ø¶ , —Ú± —ì—œ' , 1ÈV±, flj 1
'±À ± ± Ó— , —¶'©Ó— ^—±— ¶± "ð√V 'Ò± ± Ò , ij±Ú ± ^— fljð1øÁV ~ ° ÇEÓ—ÀÚ?VÀ1 '±À ~√√± ± , Çeflj±%— '±ø?√ 1ÈV±, flj 1
—Ú'á—À—Ú± ¶fljÓ—±AÓ—± , —¶'©Ó— ^—±— ¶± "ð√V 1±ÈVfljœ' , ~ «?√± ± ^— fljð1—ìø' , è— Δ"√VøÁV ~ ° Ò... ≈1' , ~Ó—
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~øÚ ¶œ, fljÄ' , —¶'©Ó— ^—±— ¶± %—ø1Ó— , ±ø'√VÓ—...flj Í—ð» , ø'√V%—±À—Ú Δ' , —¶'©Ó— 'Ò... 'Ú—Ú1•Ú1±flj
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'Ú≈—ì±?√ flj± ± 1—ð—Úø1 ¶fljœ' , ^—±À³ , —¶'©Ó— çðLø' ððì ' Ú fljð1øÁV ~ ° —flj1Á?V³1 Í—ðM√V1 , ≈1œ, fljÄ' > ÇE" , "ð√V
±Àflj "ð√V —ÚLø± ± ± •¶U flj± ± ÇE?Vø±—ìø' ÇE—Ú±± ± ± ± ° ÇE" , "ð√V , ~'À1 ±Ú , —¶'©Ó— —ÚøGÓ—, fljÄ' , —¶'©Ó—1
ÇE—ìøXflj ÈV'Ó—flj ±—ì— ± "ð√V øÚ , —¶'©Ó—1 , ±ø'√VÓ—...flj ð—ìø—ìß Í—ð—Ú ^—±—Ó— , —¶'©Ó— çðLø ððì ' Ú fljÁ1°
ÇEÓ— "À ±Àflj , —¶'©Ó—Ó— flj±—ì—... 1%—Ú± flj± ± 1—ð—Úø1 —ìøUflj "ð√√±Ú , —¶'©Ó— Ú±È—flj Í—ð—Ú ~√√±1 ø?√ ΔÓ ± ± ± °
ÇE" , "ð√V , ~'1' , ~œ' , ± , —¶'©Ó— —ÚøGÓ—, fljÄ' —...±flj1 ± ±¶a , ÁVμ ± ±¶a , ¶ú'øÓ— ±¶a ±ø?VÀÓ—± ¶fljœ' , , —¶'©Ó—
çðLøÀ1 '±?√±Ú ± —ì— ± "ð√V ΔÓ Δ'ÀÁV

2.12 '±ø"√« öðùù [[[[[Sample Questions]]]]] öð-1 - Δ-ι-ûª ≈:1 flj±'ÄÄ√±±1', ~Ó- , -¶'©Ó- ^-±-Π± %-%«-±
ø-ι-Π' , flj ±øÈ- '±Ä' ±%-Ú± '±-ι-ι-±' ±'flj± öð-2 - , -¶'©Ó- , ±ø"√√Ó-...1 ^-±-1±' Ö' ¿' ðL' -flj1Ä?√ª1 'ª?√±Ú , •ÚÄfl«j
'±Ä' ±%-Ú± flj1flj± öð-3 - "√√ø1Ä?√ªflj , -¶'©Ó- , ±ø"√√Ó-...1±øÈ√1 -Úø1%- , ø?√' , flj± öð-4 - , -¶'©Ó-
, ±ø"√√Ó-...È√-Ó-Ö' ^-±-ÄÄ?√ªª CEfljÄÚ 'ª?√±Ú '±-ι-ι-±' ±'ø√√ÄÄ√ , -Äé-Ä-Ú '±Ä' ±%-Ú± flj1flj± öð-5 - , -¶'©Ó- -ι-...
±flj1 , ±ø"√√Ó-...Ö' , ~œ' ± , -¶'©Ó- -ÚøGÓ-1 'ª?√±Ú , •ÚÄfl«j ±øÈ- CEÈ-±flj± öðdÓ- flj1flj± öð-6 - -ÚøœÓ-±•Û1
ø, X±òL -ι-±-œ' 1 Ö' ~' ±¶a, ~"√√1 -Úø1%- , ø?√' , flj± 2.13 öð, e ÇðLø [[[[[References/Suggested Readings]]]]]
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1997º CE-±¶Û± ~œ, 'Ä' ±flj fl«j ±1 , «ðÓ-√√... - ^-±1Ó-œ' , ±ø"√√Ó-... , ±ª±"√√±È-œ - '±'ø√√flj] öðflj± 'Ú , 2007º
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[, •Ú±-], ^-øMè√1P±ª'œ , Ú'±-±-¿' ðL' -flj1Ä?√ª , - , 2014º 2.14 'Çð-øÓ-1 ‡øÓ- , ±Ú 1Ú- öð- Í-ø- 'ÚòL fljμ'œÄ' ,
2Ú- öð- Í-ø- ^-øMè√1P±flj1 3
Ú- öð- Í-ø- 38 È-± 4Ú- öð- Í-ø- 179 È-±
5Ú- öð- Í-ø- , μòÛ' ~flj 6Ú- öð- Í-ø- ~±ÓªÄ?√ª 7Ú- öð- Í-ø- '±ø?√flj±G 8Ú- öð- Í-ø- "√√ø1Ä?√ªª 9Ú- öð- Í-ø-
¿' ?
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