

☺@EJL 1284.4

@EJL

@@REMOTE1PMSNSNSN U1 `"

Q#W#WQQTATAUEQPUWAGUQGUHUGQDQEGEGUHEGüGEGEG
äæ►EUÇSUòDUPU©S¶U◆©A¶@DD@E©² Q►D¶A◆►E@¶U

▷◁⌚⬅➡⏪⏩⏴⏵⏶⏷⏸⏹⏺⏻⏼⏽⏾⏿ⓂⓃⓄⓅⓆⓇⓈⓉⓊⓋⓌⓍⓎⓏⓐⓑⓓⓔⓕⓖⓗⓘⓙⓚⓛⓜⓝⓞⓟⓠⓡⓢⓣⓤⓥⓦⓧⓨⓩ⓪⓫⓬⓭⓮⓯⓰⓱⓲⓳⓴⓵⓶⓷⓸⓹⓺⓻⓼⓽⓾⓿

☺♦@☺▶◀▶Dⁿ@A♦♦♣☺▶♦▪♥♦▶²AD◀▶@▶♦♦☺@▶▶♦▶▶I◀@☺DD@♦◀@▶▶♦▶▶A▶♦@▶☺Q☺ⁿS☺◀S▶♦♦I♦♦♦▶▪SEE`

i0 8YE@ TUPUDQETD@UP DD@ @ @ @ DUT @ nZ EU D @
A@ D@ @ @

U
Q
P
U

@

@ H

◆PA◆D◆◆@◆◆ⁿ♥▷D·◎▷▷■A◆@A◆▷·S@▷@D▷P▷◆▷◎@◎■T!hATUÇ↑♣B@ö♣◎EA◎PU@◎◆A@IT♣◎A@◆@D◆@ED♣A@◎

D@

Z

() Y * e ` D @ D @ @ @ @ D @

PA C@ETP@A@DV

z⁻ ^jf eT @@@

@ @ D @DD ☺☺☺◆D▶▶²◀◻♥▶▶@◻↔◆@▶◆◆@E◆◆

PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQR STUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24703T	58
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24703T	59
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24703T	60
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b25093T	61
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b25093T	62
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b25093T	63
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b25093T	64
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b45099T	65
ABXΔEΦΓHIΘKΛMNOPΘPΣTYςΩΞΨZ	<esc> (621<esc> (s1p4v0s0b16686T	66
ABXΔEΦΓHIΘKΛMNOPΘPΣTYςΩΞΨZ	<esc> (621<esc> (s1p4v0s0b45358T	67
	<esc> (18540<esc> (s1p4v0s0b31402T	68
	<esc> (460<esc> (s1p4v0s0b45101T	69
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s3b4099T	70
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v1s0b4099T	71
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v1s3b4099T	72
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4102T	73
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s3b4102T	74
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v1s0b4102T	75
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b24579T	76
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s3b24579T	77
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v1s3b24579T	78
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v1s0b24579T	79
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (14<esc> (s0p4v0s0b0T	80
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (206<esc> (s0p4v0s0b0T	81
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (302<esc> (s0p4v0s0b0T	82
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (341<esc> (s0p4v0s0b0T	83
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (373<esc> (s0p4v0s0b0T	84
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (405<esc> (s0p4v0s0b0T	85
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (53<esc> (s0p4v0s0b0T	86
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (78<esc> (s0p4v0s0b0T	87

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(174<esc>(s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(277<esc>(s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(21<esc>(s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(37<esc>(s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(38<esc>(s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(39<esc>(s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(9<esc>(s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(19<esc>(s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(83<esc>(s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(4<esc>(s0p4v0s0b0T	97
	<esc>(47<esc>(s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(426<esc>(s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(437<esc>(s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(149<esc>(s0p4v0s0b0T	101

◀EQ@¶▶@D◀@²¶D@◆▶@@·@@◀▶▶@D◀@◆@@¶▶◆P@▶@ⁿ▶

ÜÜðçri→ji-fAT@ⁿ~BSZj||«||àe^ar-r-Ü^aç-r-Zj-r-aàe^ar-ÜÜúç-r-Zj-r-aüT^aÑ-ÜEðåij

je^aATUÑ

♠ ♦ @ ♦ ♦ ▪ ♠♠S♠ S♠S♠@▷T♠ S♠A♠U♠ ▪ !!♣Q[XE♠P♠S♦▶♦S@T♦◀◀◀P^n ♣♦▶♦♦ D | ♠▶♦ D ♦P
⊙ ♦♦♀@♦♦ @ ⊙▶√ ♣♠AU♦ P≈ ⊙◀♦ | ♠♦ ♦♠UD▶P▪ ♀▶ ♦▶ ♦@D▶ @▪ ▶√ ♥♦♦D▪ ♠♠♣▶⊙ @.
◀i♦♠⊙C⊙0 ü ü ü ▪ ~>~_▪♠Δ²jmVμòSóIjδrZ||⊙o²jmVτjηη√ε Δ◊_ .Δ²»=√g√◊◊tZzo|| [Δr◊]kmWτÑù
eiHjz;Ç√ ♦♠f▷r▪ ♠♠†ânj†` ▪ ♠f▷rriHjz;⊙▶fL÷ \$♦p ⊙▶rriHjz;Ç ♣ü ròªZrreF ⊙||rZÇ▶P @ ♦
rE_rÑr_üμq ♪çr||Yñ ♦p 5ñ\$Ûrò ◊▪ ♣(iVÑñ♣ ⓐ5i^n 2(jÛö ⊙rriYr@ ñr jÛÑñ♣ⓐZòrUre
ûrUrrUre@ÆTheFòñ\$~||ÛrYφU_rÑ||Û ||V ||çrYrU_rÑr_jÛμ||SVδ f.riçUPT♀@P AT♣@T_r ♠YrEûòh
%@ZY ⊙Z→*ûûâ` ▪ ♦♦ZY♣h^n ▪ ⓐ`SUròTZ√ ⊙♠ò² ♥♥UP@² ▲◊→ûrâaSUYU →U⊙eV→ûrèeUYrªUojU||
ª½rriÑÿö ⊙X ⊙L aïX ⓐerriRÛ ♠ª½ridòÿòUYrY◊O◊ ◊ªrriÑÿªÑÉ 8⊙P ⊙TQQT DQ▪Uó♀ B ⊙
⊙iòp)▷kU[Ñ"Y▪ ♦Q ⊙Y² δT ⊙X_òªòTU:√ L1YT_ÜiòPP ◊ªZ-[Ñ"ih_@ ▷♦♦SU♣▪ ♠♠♀♀@ @@.
@♀i)ª0⊙VT YTSUQÉ ♪ijª_ ♣P▶ ⊙ ♣P♀Y)¼ ♠P ↑_UªòTTi)ª_ VQ_XX_UªòUe◊n.⊙U[Ñ&jivòªò
⊙FUE◊n√jη w √ ⊙n ▪ ♪.◊fU⊙vRr_½rriÛ=Z^rVrUT° ⊙⊙^~ ♥;YèX. ♀⊙ZÇ \$Uiz^rVr▪ \$b ♥
jrR_½rª||rÛL√ ◊jZr;ûÑÑJY&OPP ⊙l. ⓐòÑUZY_♠▪ ♠♀ ♥ûöön +⊙Tie(YjZr;ç||òYY↑L ♦e†oi@ ◊ò
◊(v♦ ♣ ◊(\$♦ ⊙ ◊i ⊙⊙|⊙0² ▶ü ü è . @ü ü Ä ~ ⊙ü ü É n ▶² ⊙ü ü É ÷ ♦ü ▶ü
? L η ⚡ nü ; ♥~ ⊙L⚡▪ Δ^n ⊙≡ ⊙. ♣Δ^n ⊙≈ ⊙@ ♥▪ ▪² ♥. ≡√ ⊙⚡ nn ⊙ Ln ⚡
L² nn ♣♥≡♥L
L. ∇. ♀∩² ▶∩ ♥. ⊙Δ p ⚡ ≡ Δ² ▪ ? . ♣≡ ? L. ⚡ n♥ n ?Δ ♥ ≡. ♥⚡Δ ?▪ α√
▪ ♥≡ ⊙. ♣◊ ♥ n² 2 ≡√ ⊙²². ⊙η n ⊙
≡≈ ⊙? L√ ⊙ . ⊙= ≡n ♠♥ n . . L⚡⚡⚡⚡ ⊙♥ L² ♦♥ L⚡ √ ♦η n ?≡² ⊙♥ Ln ♦
n ⚡ n ⊙?≡√ ⊙♥ ▪ ♪ L = ≡⊙² ♥ Lη ♥≥ ⊙⚡L≥ ⊙◊L² 8. ♀∩ ♥~ ♦≡⚡ ≡. ⚡≈ ▪ ~
≡ ≡⚡ . Δ ♥≥ ⚡|≡◊|≡n◊δ|≡ ?L◊L≤ L≡|?⚡L≡, ♀∩ ♥~ ♦≡⚡ ≡◊ ∇. L. ♥
◊(\$♦ ⊙ ◊i⊙⊙⊙C⊙0 ▪ ~dPU♣◊ üòF\$PÈætUTDU◊HU`Çò⊙SæÈòVUaXU♣♠EaääF\$æEæVUTDTE⊙♣`ÇòB♣
▶♦♦QAP ⊙U@♣TD◊n A. ~⊙@♦⊙ D⊙⊙ ▶♦♦ @@ UDST♀U⊙ ▶D♦QUP⊙⊙UD♀ITT♣⊙ ▶D♦QAP ◊Q♦SPT♣♣ ▶♀
UXEQS†Q\$SEQA@@. ▪ ~X%ÉET◊öQY♣T◊E@D◊T\$◊♠T TQÛ♦T⊙eAQ◊XfæEÈ†òUÛT⊙e@⊙⊙T%ÉE♀ TUY♣TAE
♣@ ⊙HOT◊@ ♣. ♣\$♀Q⊙H♣. ⊙▶@n ⊙UUQ² 5ST♀AU♦ EPTQAE ⊙♀ \$♦▶ ♦EPQAE◊D@ ▶AU♦ ⊙EU
♦♦♣_♀S⊙Q Tjr ▪ ♪XU♣U▶T⊙UQY♀♣A⊙QXEAS° ⊙⊙DP ♣♦◊T◊P. √ ♪S ⊙T⊙ S♣AAPHU. ♪⊙T
⊙♣Q @⊙P T\$ ⊙ ⊙. E√ ⊙P▶√ C♣DU TAP⊙T\$ ⊙ ♦ ♣EU TEP⊙P\$ ⊙ ♦ ⊙EU PA@ T\$ ⊙ ö &eU D▶
♣P ⊙üòÑèñH◊P≈ ⊙A♀÷ ⊙ü▶P▪ ♦▶ UT▶² ⊙♦▶Q♀@ UT♀ET ⊙▶Q♀@ ⊙UT▶UT♦A² ▶. ⊙Q♦▪
◊(\$♦ ⊙ ◊i⊙⊙⊙C⊙0 ▪ ◊QñeFeU@S\$X♣ ♣♣ ⊙ Te@eD \$◊▶⊙⊙ ⊙ , ◊@U▶ ▶♣♣ ⊙ ⊙ D♀@◊E⊙⊙▶
▶ ♦ ⊙ ♦ D♦@◊² ⊙⊙² ♠▶⊙ @ ⊙. ♦♦@ ▶² ◊◊ ⊙ ♦ ♦A▪ ♣♦♦ D@. ⊙▶♦. ⊙♦ ▶²
⊙♦♦ ▶ ⊙ ▶ ◊. ⊙◊² ◊♦♦♦ ⊙ ♦♦⊙. !⊙♣ ▶@ ♦♦♦ ▶♦♦♦D♣ @ ◊⊙⊙ ⊙ ♦ ⊙² ♥♦♦⊙²
♦▶♦♦ ♦♦♦ ◊n ♥♦♦♦ ◊. ⊙⊙² ♣@ ♦♦n ⊙▶ ⊙² ♥♦♦⊙n ▶. ⊙♦♦@~ ⊙@⊙◊ ♣@ ⊙ D² ◊♦♦♦ ♦
▶A♀AP P▶ @ ▶▶ ◊♦♦♦ ♦ ▶▶⊙ ⊙. ◊. ♣♦♦ ▶² &†r◊◊«UñuWªrZ^çrÛrHª↑PUT @ \$ A♦ ▶▶ D
▶ ♦ ⊙P▶♀@ @▶. ◊@D ⊙ ▶D @▶⊙@D. †@⊙⊙ @▶ ⊙→|fYªYÖrF=j&ÑÑj-rjÿÛ†D♣TT ▶ ▶♦
◊ ▶ @ ⊙ ♦ ◊√ ▪ ▶ ▶ ▶ ▶ †A ▶ ⊙ ♦ ▶ ▶ D@ ♦ @√ ◊◊ ◊◊ ▶◊ ◊ ◊ SU T▶ ⊙▶D
@ ◊ ◊♦♦♦♦ ♦@² √ †Fη ûòû[r_rVrUje ÜªjZ@R◊@ ▪ ▶ ♣♦♦~ ♀⊙⊙ ⊙ ♦◊ ▶. ♠♦ ⊙ ♦@▪
▶ ⊙@ A⊙ ♦ ◊♦♦. @. ♠◊ ⊙⊙⊙²
@@ D @▶ ♦@♦♦ ♀♦♦♦D▶ ◊ @▶▶♀. ◊♦♦♦Q@⊙ ♦ ▶√ ♥⊙ ▶▶ | ⊙E◊♀\$ ♣ @♀♀@ ♦ ⊙⊙P◊♀ ♣ A▶
⊙ T@C AA@D▶D@D√ ▪ ⊙ ⊙ ◊ A@≤ ◊n →⊙ ▶ ♪ A@@PU ♦♦⊙⊙ ⊙⊙⊙@▶@n δ⊙ ▶⊙@@ @PU ▪ :æüS
♦ ⊙A⊙⊙ ⊙▶ ⊙² ◊i a j i ;ÜVδ fμzûf◊ò◊ ⊙◊ Q. ◊◊◊⊙ @ @ ◊n ♣♦♦⊙ ⊙n ♣@ ▶ D√ ◊@⊙⊙
◊▶♦ ⊙ @ @ √ ▪ ▶ ◊◊◊ @ D♦♦♦ ♥P D. ♠A ♦♦ ⊙n E⊙ ▶ @ ♪SA⊙▶P▶E⊙ @A@ ♪
⊙T@♣▶P⊙ ♦ @@. ♦♦@♦ ▶² ⊙@ A^n ◊⊙ ▶◊ ⊙ D²
⊙▶ ⊙▶▶ ▶♦ ▶♦n ♪♦ A⊙ ▶ªiTVF♦@@Ç. ♦D ♦◊. ♦▶ Ç ▪ ♥⊙ @. ⊙⊙@◊. ⊙♦ ▶² @δ ♪♦ ⊙♦D
♦P @▶@◊▶▶ @. ▶. →@▶A▶▶ @ @ @ EUQEöæAbaa@P♦² ♦♣REªí ▭ ◊◊S AUPEææQPPA@ @ ▶▶♦
⊙♦♦ ⊙ ⊙▶▶ ♦÷ ◊◊◊◊ ⊙♦♦♦² ♦♦♦D@√ ♥♦ ◊
♣♠óó@ TTQ ♦♦n ♦@ @ ⊙²
⊙♦ @ ⊙⊙ A▶♦ | ▶n √ @@♦. ♦n ♪⊙ ▶D♣▶ ♦ ⊙ ⊙. ◊@▶▶ ♦⊙ ♦♦√ ◊▶ @♦ ⊙♦♦⊙♀. †♣
▶▶ ◊◊ @ ♦ ▶▶◊n ⊙ | ⊙▶▪ ▶n ◊▶♦ ⊙ ▶D ◊. ♦² ♥@ ⊙. ⊙. →⊙▶D ▶ ♪♦YQU@ê↓_zZS▪
⊙⊙▶ @♦ @ ▶ @. ▪ ⊙ ⊙@÷ ◊@ ▶ D♦@√ ♥▶ D@° ⊙♦ ▶ | ⊙@♦. ↓ ♣ ◊fQU♣êáUñP YH ♦♦P
%E◊!@ @@√ D. ▶▶ D ⊙♦D. ▪ ⊙♦ ▶² ♣♦♦♦ ⊙⊙φ @² ♥⊙ ◊◊. ◊@▶▶ ⊙@◊. ▶²
⊙ ⊙ ⊙ @▶ ♦ ▪ \$♀TE†!T†!T†QXöh P◊ !@÷ @≤ ♦. @n S▶ P@D ⊙ ⊙@PDE♦▶ASQ♣. ▪ ♪ò
▶♦♦♦ ▶Q♦ ▶♦ ◊♦ δ♦♦@@@ ◊ ◊²
♦♦ ▶▶ ♪@ @. ⊙▶♦@n ▶ ▶@ ▶² .D▶ @ ♦. †♦ @ ♦ ▶♦♦@▶⊙ @. ⚡♣♣ ♣.ÖaHU◊D
◊(\$♦ ⊙ ◊i♦⊙⊙C⊙0 ▪ ~◊◊♀ r ÷k9zÜTZZQ||fδ√ r_÷◊9j◊Yη Ñ r .Δ>↓jÖj◊Ñ. ▪ f. r_ημk: ||
² μÑZX&r f → ▪ ²δ δ◊r◊◊«NeeVÜRÆΦrriμÛ η ~≈ ∩◊≤ ▪ ◊÷÷||ûRûª²δeδûr_||rÑÑeùèRªφ r μ
jrVrjç√ ♠\$r;ejr\√ ♦♣ÖJr; ▪ ▶ÖVrjÛ£ ♣ÖJr;r;ej¼. ⊙Sè@÷ !♣Ç ◊FÖr;ejY@ ♠ç r_ÖZr;r;d ⊙
üY(ÑL◊izr_ÛrYSP. ♦◊ (ÑRÇ^n ◊9SQaræY(√ ⊙Sÿn ⊙AY@² CSªZr_ÛSQ◊ñAY\$ÑRäizr_ÛrÛYùVròRy.g◊LZ
▶ ⊙ ⊙UTd ◊†j◊«aûrÇ ◊ªrÑiÆàY◊jrQûr` ◊bªÑóÆàr ◊uÉ ♣Q▶ ▶@T◊Y AD @² ◊⊙@ ST
▶PA@♦ SUQûÖaEQ√ ♥◊◊j◊r√ δ!UTL@àr†jrQL^n ♥♣TaP√ ♠♥ÖèÜªóö√ ◊*Çn ⊙Γ'n C◊†jrQûreéóOUTQ
♥¼η||».]♣♣.√. ⊙² ▪ .fi gj»rZÖ r_ηη||r_eYrT ♪çr . √÷rª° ♠:rriªr_√: ⚡Ö@ \$jz||r_UW
◊(v♦ ♪ ◊i⊙⊙⊙C⊙0 ü ü ü . ⊙² ♦é ▶ü Ä^n ◊@♦ü ü è . @ü ü è ü ü ü ü ÷ ▶ü i ε

≡ ■ ☺△² ü ó ♥♥△ ² . ☺≡ó≈■ ◆△ ² L² ♥↯ ≈■ |ⁿ /ⁿ ☺ ≤ ² ♥² L² ♥♥ ≈ⁿ . ☼√ ♁≈≡ ♥△
· ≡ü ñ ♥≈ ☺≡ó° ♣L ▼ ≈√ ≡■ ☼² ≈■ ■ ■ ⁿ² ♥♥ ⁿ√ ♥♥ α■ ◆? L≈ ♣≈≡ Lⁿ
≡ ≡·ⁿ ♥ ♥φ L» ☼L△?♥≡ |↑♥αⁿ?♥L☼L△?≡ⁿ?♥Lⁿ↓α|☼ ♀δ ♥♥ ≡ . ♥° L√ ◆ⁿ ◆L☼
2ⁿ ² ⁿ ♥ ⁿ ☼ⁿ√ ☼ ☼ ⁿ ☼ⁿ ☼ ⁿ ⁿ#0 ?☼L<|'☼·♥αⁿ<☼☼L ☼☼|± ?Lα< ·L≡< ♀δ μ
Lⁿ ☼?≈|² ♀?² ≡ ♥ ≤±L« <=♥L≡∞>☼☼|±|<☼ ²♥ⁿ☼±|≡|4☼L≡ ♀δ ⁿ @ü ü_T @÷ ☼ⁿ
←i☺☺☺☺0 ■ ~□D ¶ædòd\$DB¶PV\$ÊP\$A\$àeòa\$@BSPFUè\$D\$P\$üeàìU@B¶VQè¶ ♣üeòa♣@B¶V¶ê◆◆
@U◆ AP♣PP@☺◆◆■ ó◀ ◆AD♣@QD@◆◆ 6▷@ A ◀@DH&\$◀¶@ @U▷◆Qè◀PP@☺U▷U▷↑TT\$DAò- AUHb♣\$SòÇ♣
☺¶♣P ☺@P¶a♣@♣■ ◆■ @@■ @▷@■ ·P▷D◆@☺U` · ↑♣@¶¶@◆@PP @T¶a\$ ♣P▷² ♣@ @A▷■ ♣♣P▷D◆ @
@☺U@T@SP\$@RSUAD² @J @≤ ▷√ @■ ☼ⁿ \$EDò†äUT†ERS\$òED@E□IÑh ■ ¶@VP- T\$üP `¶▷I ☺P
□` □@eAXPUDy@■ ♥!□@P² @TT■ ♥@@ `■ □@U@ @TYP@@²
T¶UP@P ↓P@ ◆A■ ◀▷U @PP oP@ e D@▷¶■ ♥\$▷E▷² ó@ @ ◆ P □@■ @A◆■ ·D ▷@ ◆@° ♣@ @
□T ◆PäDHÖeQQ♣≈ ♥▷òUP° □Q¶D @UQ @P■ ·@TUDDPEP■ ,@Q T@ ▷@@▷EP ♣@ @Q TP@T▷@ ♣Q♣◀
@@ ♣@ @▷◀ @ @² !◆\$▷ ▷UUA@P♣@▷◆DPT♣▷ DUUA@P♣@¶¶ TPD◆■ ~EA A ♣ ◆ PP¶♣▷ @TPA@@@ ▷ P
←i☺☺☺☺0 ■ ☺\$DQUL◀@◀`e-RI AUAEUPT@ @¶▷▷◆ @Q@E◀@D @ ◀▷▷D @D@@DP@ ◆ ▷@A @◀ Q◀
◆@◀◀ ◆ ▷ @D@@■ ' @◆◆◆ DA ▷ ◀*Z÷·♣½·w·ÖªfÑjöääA♣á%\$◀D D=A@@▷■ ♀@◀@ @ D D@@■
◆ D ▷ ▷ ◆◆ ▷² ♥◀ ⁿ □@▷ @ ◀@° ▷² ♣D ◆ @■ ≤◆ ◆@ @@√ @D@@■ @@ⁿ ♥◆@ ◆² @@
A▷ ◆@D ▷ ◀¶ @■ @√ ♥◆▷A² ◆· ▲▷ AS @ DP ¶◀@P\$▷▷\$◆@ Q▷◆D■ 5♣@□@eUR ▷ÖT ♣E
♣@▷@ D ◆@ @ @ @▷ +▷ @ ▷@ @◀@◆▷ ▷@ @ R-■ nu[çσ^V@ª]vª-ª-ªÛYòFD√ . @ ◆▷@ @@ @ ▷▷@▷
▷◆◆¶@◀@ @▷@@@ @ @ ♣A PDPP· @@Aⁿ ☼@@@ @ @ @ @ @² |@-| |f½|^@] }½F[íÑrã-Zí@ⁿ
◆ @▷@@@◆ @ @ @◆ ◀² ▷· ◆ ◆ @▷ @■ @@▷ ▷▷@▷ @ D■)@ @ ◆@ @@@◆@ @ ▷ D◀◀¶@
▷▷◀D@D ◀ @%◆ @▷▷■ ♣◆ ♣@@²▷ @▷¶@D■ L♣¶IT◀!UD\$P! @¶¶¶Q▷ D@¶PT@■ L◆◆@
\$@S◆Q ◀UDT◀D ■ ♣\$@`P\$ReòD◀ P¶♣U♣E@ ▷ P.D.A @◆◆Q@Q @P @DQ@@ D▷◆¶@ @ D◀◆◆ ▷ ◆
@▷ @ @ ◆A◆ ▷ @ @▷@² @◆ @■ \$▷ ◆@▷@ @ ◆AS◀◀ ◀ @@ ◀ⁿ 1@◆◆ ◆ ▷ @D @◆@♣ @@¶ ¶A▷A
U ◀▷♣▷ @ @ ▷ ■ □@ @ @ @ @° ◆\$@▷@≈ @@◀| @@@\$ @ @ @◆· A■ ◀÷ @◀√ ◆ⁿ ♣@ @D@◀ⁿ
▷ ◆@◀▷@P♣@Dⁿ @U@ ■ A▷▷TAÉ◀¶¶¶E@U@UUP▷♣@@ ◆¶▷Q @♣D@ ♣ ▷▷◆ @P ♣▷@♣D @▷▷
@▷ ¶ÜQÜÿ T @@ⁿ ◆◆ @@@ⁿ @■ ♣◆ ▷◆◆· @@ @· @@ ▷≈ @J ♥◆@ @· @◀▷@@▷ ◆ ◆√ ◆◆◆
@▷ @T!Y`♥U†ÑÖP√ ♣▷@@@@ @ @ @ⁿ □◆ D @ @° @◆@@■ D> A■ @@ √ ♪◆ ▷@ @◆ @ @ @²
◆ @Sª→\$e(@QT² @@@ⁿ @ @▷D @ @ ◀◆◆ @÷ D· ▷² @@@ D @· ◆² ▷■ @■ Dⁿ √
@ @ @ @ @▷ⁿ @@ D² @ⁿ ·▷@ D @ ▷▷ · ↑A▷ @ ▷◆ ▷ @@ ▷@◆· ·◆◆ ▷▷² ◆D @▷
←i◆☺☺☺0 ■ ←? ç_F/θ-{-iZ½ùñ · ·ûð+θ-{- ■△· ~√?ε Δ ñzçñùñ √·ç_F/Γ{-iZrû ¶ û_F/Γk
aU² @♣Q*Zç; ☼*reòQ` ♣UjYr-SÇ ♣ò`D◀` ◀A-YÑ%òd `U◀%i@ @-Y òZ*r`@ ◀ @■ @▷ @² ♣◆
→Γ [«òÑ½ oIjrá· ♪→` ♪eteò@ %@@■ ◆ÇUZd ■ @Ve² E@jäÑX @òòjΓ-@Ç Z«òÑZd† oVeÑo
ÜòeUtieèd ♥ÜÑíjÜò`
\$ⁿ 7♣eíh @e(iiè-ΓÇ Γ-¶)ñüòeU¶ieieÉ o-ÑínÜòÑT eèf YU▷P @T▷■¶¶@E↑ @◆ ▷P¶@E@ⁿ @▷E

Zeí@òòÑÑ(ieèL■ ◆veíif√ ♣e-ªª-ve√ @@Tⁿ @↑ÜÇ² !
e(iiè-Γª↓ZeíiÜòee(iiç|½≈ⁿ½|¶) [Ñ|Ñi←è|½¶Γ-¶|¶| «|σ|| Γm|| èeVÍSEPP¶@E▷■ ▷° ♥oPe@■ ¶@è
e-«dYEZ½\ ofX°rd■ @² -ΓUUR◆ûÑ` ◆IEZ½ZóT■ KR @@ EVD @Ufhûre:: @YEVªVbUUR◆ûÑe
▷ @ QD ◀ AP◀ ▷ @ @ ◀² ◆ U◆ 2@◀@◀ @ VÑTòY▷ ♣W ♣UR◆ o½ ◆♣V@@bYUFDû@ *ΓÇ
@j-Γ¶ ¶ ■ ≈■ ²ⁿ ♥g|ò ■ ¶óR¶|ª|kYj-|VÜ]Ñ-ÑJRªû¿° o*ÑL @¶k¶h■ @-Yñ·
♥¶S:: -YÑ-ÑJÜf■ ◆◆ @♣■ ♀j` @U-ª¶jri0√ '↓eU-→¶%r` @YÑ½ÑJÜfû- ▷ □ A◆PU E◀QT♣ ▷
ri♣âX::♥` □ ÑU-→¶0@i\$ÜXÉfPAD T ♣ri♣â\ á◆ \$-→¶jri\$â†éjP♣Ifû-→¶*r||Vç|ÑjÑKR¶|ª||k¶j
@YÜñÖ|û«√△ ² . ■ / VÖjû RÆçj-½ªkòj-VOj ¶Æçñr½ªòò\· @-j-ªªjæ-ΓBU■ \$@ @Uªjæ
@eVr&Vr¶ ¶ ±· @Δ ■ +\$jª eR@¶°riòr||fªDjµ d ofriòk||VªT @UÜ-Γ°riU· oúD-óÖP @g
@òijö-riOffe■ √· ■ ¶-;Zj||niùZZ||◀r-Γ-ªZj¶≈
@¶ @||«j°j^·ε:: ♥◀X♣ ■ @2\$♀■ ♥@r¶¶■ @@YS @-rÜiç· #@Sj^UÆS Γ-Γ-@X eYURS oüi-
o-Γ-ÜiOd² ♥▷ @■ ◆@L Ñ· K\$î^Yû\$J-Γ-Üide@D\$%@B@òÑ-rûirf-ÿE*jZUÆSJ||◀r-Γ||-ÿES¶| @ ◆
♣\ ♣r-¶.ª.ª φY½° @@QYi::° @ÖòU ♥ÿ↓-↑· ◀@bÿreQYá :·↓áv@ @·U♀QYP oZ-↓íVXT▷² ♣◆¶D◆
ñ | ¶ fòö¶· ♣+ivòüè· ↑@r-è ♥ææYrU@ @-r-è-rvûL· →ÑÛ-Γ-rVÉ @I-rY-ÜT EU @@ @Pδ @◆
rU@ⁿ →♥E @τ @EU\ UeÛ-E`@Q@@◆T 0■ @▷EPⁿ @Ç◆ⁿ 3@i-Γ-Û-rjûææI-rUeUY▷TòYEU◀A@@I-rUeZ-r\$
\$jûÖ-rw||→°Y-Γ-%~eijû¥ofæ-Γ-Çⁿ →♣eUÖ-†æá @Ej-Γdh ▷ DP T @| ··◆ ▷◆P@P≈ o @♣P
←(v◆ ← ←(\$◆ @ ←i☺☺☺☺0 ü ü ü ü ü ü ■ ◆◆@ @÷ @ü ü ò ■ ▷■ ▷ü ü ë ■ ◆± @ü
≡· @/ L² @☼ ≡≈ @? L√ @ · @@ · ♣ñ L♥ ≡· @? L· @☼√ ♥ñ≈?ⁿ√ ◆☼ ?≈² @☼²√ ◆♥ L☼ ⁿ
≡ ≡☼ ♥ ↓ ♥≥ ☼·|≡</☼|≡ⁿ?☼T≡ ?L♥L≤L=|·☼Lⁿ< ♀δ ♥≈ ◆≡☼ ■≡° ?² ■· α
←(\$◆ @ ←i☺☺☺☺0 ■ dAP♣A-◆D @U`%♣UQU@P♣A-D@@@SdiàEQEAQ@H→Da♣AY`iüEU\$AP♣@-QD@ \$`
ü◀FdFæÇB¶|;Z♣U ■ ~%P¶AP@☺XQ ¶TTö¶¶eöäAD ♣YQÇ↓XòüÉ\$%ÉòE♣F!JQ ↓TòàÉ¶%QÇA ◆♣YPA♣DUäò
◀ ♣DS E@◀EA▷ D² ◆²
@Q@A@ ¶¶SSòSD\$@▼\$ASDìVUTêUD\$ @UDAPDhDQQ◀EDS@◆ ■ ¶UQ@@X%!Aä↑▷◆♣APQ\$P♣@▷≈ @◀▷°
◆U ♣ @P\$ @@A@■ @@◆■ →DS¶@♣A@ ▷E◆ ◆ @ S@@ⁿ ◆² BP\$S♣@A@ ¶D◆ ◆ @P\$SQÀü@ -Y♣
E¶¶T◀ E@ @P @ ■ ♣@◀◆@@@@| ó◆ D@◆ P @ @◆ⁿ ♥◆U ◆■ ▲@@@DT @Q@◆U@♣◀P @ @DTU▷ ◆ A♣@@

¬ªüZ L♣àóòe!bV:■♦*üZ¬ªª2V¬ª¬ª†j¬ªÇ√©5 ²♥©jªÇ²\$2àe!b¬ª¬ª©&ªüZÖ\$àóàe%ó¬ª¬ª||Wj√Æfεjªª°òieª▪
ÿUÿÿÿ↓U HæUèæUèh UQ YUJ¬ª) e\$▪♥ä©▪>P♠î♦IæU¬ª; &Ç
♣A♦>♦@è¿&Û>♦√♦ HæTÛ*ªª`H L♣h ♦♦♠<ÇàT>♦▪©@♦ª♥@©E²
5P♠L f IæUè·©♠à>·♣&Û) YYP√© @ªªYT√CIæUÛ¿&Û¶↑U@♠à↓U IæU
¬ªòd@†¬ªª¬ªÇU¶©T©`S Uî♦¬ª¶¬ªÑ¿¬ªP▪!©ÛåJT>Ñ¬ªÑdiP©¬ª¬ªåÛU¶¬ª©T>@©U@U²♣TUP>¶▪♦♦©♣²@²©▪

P\$JaUæPQ@U4\$P\$J`É`%rZÑÑ■Q\$JaUæÉaT⊙erJÑñ■UYÛ^a¬µσ^arV¬ Zr■Q↓Z^a¬^aσ||rg!!η·ITP⊙♣▶⊙P@↵



\$B@@♣▶æê*ûjèóæíEF%FUQFUò▪V

FÆAæAFiZ¬ªç▪¬*½¬èóÆÑEViZ¬ªç¬▪¬VUAA@☉▶☉D@☉♦UUA♣D@▶♣U▪☉*▪

89p0sá@y+ñzÜEeçssä%ñzVHóQISAT+E5Dá@á@A@D@T\@@@VAD&ç\$@Q@@D#V#ESófUy@Wç@M#áñ



♠@£∞eθ · i¼°♦⊕TU¬L°

ê¿♦⊕¬h¬Jh▪#⊕ûê¿UTUÇ⊕¬Ûjû

⊕êÿ▶TUá♦¬JjûJ⊕⊕DD▪♣UEP♣⊕²⊕⊕⊕▪‡▶♦⊕♦⊕⊕⊕

½δ ▪ ΔτΠ Uá·♦Zç▪æW·Θ¬û¼⊙WÖUç

▪ ⊙ç¬ç¬Θ¬δ°ÿÜVÜç▪ÆhJöJA♦A⊙⊙⊙⊙D♣°⊙⊙⊙·♥♦⊙⊙E | ⊙⊙♦D⊙⊙FHIÇ⊙D



©¶@E@▶♣P◀T▶⊖Vûh♠ûUò!EZñb┐e◀≈² ▪\$Rô┐√=¶Ö┐┐UÑ¶j┐fεπ± √▪ _·û¶||²Δ ¶ π■ J≈ε √▪μ÷²o

X

D

D

◆

◆

@@◆@QUQUT♣▶≥~▶P@ð†VμüeRUU♣↯ñÑjÆà↓V^aüjÆ↯F↯jPÑjÆà↓V^aüfÆ↯iFeiPÑZÆà†V^aàjó↯J↯«Ñθ

◆

$n \equiv \cdot \ominus ? \quad L^2 \ominus \equiv \approx \ominus \equiv \sqrt{\ominus} \quad \cdot \ominus \cap \quad \cdot \clubsuit \equiv \heartsuit \cap \equiv \cdot \ominus \quad L \cdot \ominus^n \cdot \ominus ?^n \sqrt{\heartsuit \heartsuit} \quad L ?^{n^2} \ominus \infty \cdot \heartsuit \equiv \heartsuit \leq 2 \quad \ominus \cap \quad L \cdot !! ? \leq n \quad n \equiv / \quad ^n \heartsuit \quad \heartsuit \leq$

; ♠♥ p♥▪ ≡/ ♣%♠ L≡<? T L≡ⁿ

♠L≡n♥|@ⁿJ?
âL≡<

☺♥ ∩² ■▪ ◆≡♥ ≡≈?√ n n♥√ n²☹ n n♥ n.☺⊥√

Ñ@QÇ@0♣\$W\$Q@~PF♣QWF♣DeCQ@IU♣QPSAYFEÖYSEH♣AßäTUF♣YVÖRDUE♣QSa(ÐXFFVÖRSGE♣FSKDS
♣D♣I@C♣U@P♣=♣T♣UD²♥♣@P♣²D♣SEP>S@P♣>@D♣I@C♣IS@P♣²♣♣I@I♣=♣@C@C♣♣·~DIUEU@C@IS@P♣I@T
P
<QSP@P>♣EUQaU▪(P♣↓↑%UE@de♣PüEàQ♣@X♣Édf♣ö>íAÇ X%@TP▪PⁿIIEIS@EP@>üAüP♣@♣·A²SD♣S

A@P♦♣TS♦♠▪♠E♦♦ST◀▪♥♠♦♣▶÷P▪◀@◀@♦♠\$♣DP▶♦▶▪A4▶♦ATSADP\$♣üUüP♦♣DS⊙D@♠♠▶A⊙æP♦
EòE@▶♦♦\$⊙↑⊙♣▪♦ò⊙P▪◀♦⊙♠♠\$UE@Qⁿ▼♠♦⊙E♦@♣UEDP♦♦\$⊙⊙⊙E♠♠A⊙♦♦◀▪♣♣♠♦♣QE²▪♦⊙⊙▪⊙▶T@√♣♠⊙♣▪♦

¶QQTQD¶FQNDQ§▪Ma↓↑VSäT↑┐fUU►AI↑XU─RPäd↑ÖeQQ♦EY↑TA◄VQäd┘êUUQ♦☉Y TQATUæ♦►àUUQ☉P☉T

©Q©T©\$T©@©▶♣▪U▪u©QQ`♦Q©@UAXSS♣æäQI¿TUAeÖ-¶U♣QAQY¿¶U♣H♦Qëh¶SSU♣UQa

i☺☺☺Ç☺0 ▪ † ♠a

@T♣♣h▶▶♦♣aU¶T☺@Q♣♦♦▶▪

Q♦@D♦▷ⁿ⊕@♦·♥▷@▷·7◀♦D◀▷⊙◀◀♣@♦⊙♦◀@♦♦@▷Q⊙D¶EPP♦@▷T@SD▷A▷√▷D♦▷@≈L▷♦♦▷A@⊙A⊙¶▷T♦♣D¶U@

☺ * ç ½ ▪ w · Ö^a fÑi T ≈ % ☺ @ → U ☺ ▶ @ ▶ ☺ ADD @ @ ◆ ☺ @ ◀ ☺ @ ▶ ² ☺ ▶ ◆ @ ▪

A◀♣♠♣▶☺▪♠♠A▶·☹☺♣▪♦◀☺♣²↑♣☹AA♣D▶◀♣♦◀²♣

©@♦▶▶▶P▶◉▪!!SSYA⊕@EASAE-PP◀▶SUDDJ▶°♥♦▶▶·♦@▶@◉÷D▪♦◉▶▶◀·@Φ◉♦²

◆@>A>♣◆@@ⁿ>·◆√◆@A◆ⁿ

@@◆A>>·@■◆@◆>@◆·@@@>P>@◆íDP\$

jÑf~V~d@&ä·@>@@ⁿ@≤>@@◆@◆@

◆@▷@A◆P▷⊙÷▲◆▶◆◀ZjÛ→¬æP

aℱ◆▶⊙▶◆▶▶◆⊙▪♥▶@²@≤♣▶◆⊙√@▪♠▶@A▶²

◆D▶◆◆I▶▶@·◆²♣♣@I◆@■☺▶@▶■◻◻⊙D◆@·@☺◆▶≈ ▶☺♣D▶▶◆÷▶■

◆@>♣f↑Q┌X@UU√

@@>A◆>²⊙ⁿ⊙◆@ⁿ⊙>⊙·♠>◆◆◆·>D@◆◆²D⊙◆>@>◆◆◆ⁿ◆>◆◆◆<■>⊙>⊙■◆>◆>@·-⊙>U⌘⌘⌘

© ▶ @ ▶ < T ▶ ² < @ ▶ < P ▶ P ▶ ¶ ⊙ EQ ▶ ▪ ♣ @ ▶ < ▶ ⁿ ⊙ ▶ ⁿ ⊙ ▶ ◆ ± ▪ T ▶ Y T ⊙ E < U \$ ♣ ⊙ ◆ P S E ◆ P ▶ ⊙ ◆ ▶ < ⊙ ⊙ ◆ A ¶ U ▶ D ◆ ◆ ▶ ◆ ◆ ⊙ ¶ @ ♣ ▶ @ D

◆☺. Yj✪óT■\$T·☺@▶√▶²▶²☺ⁿ◆≥☺@◆■♥@D√

D@◆◆◆@◆D◀♣@▪♥☺◆◆ⁿ☺▶▶@²☺▶▶▪♥◆◆@◆·

i♦⊙⊙Ç⊙0▪~■▪Z▲_ÑòÆiZ^a¬jV^rVû Z▲_ÑEδ}f≈ γ√▪⊥√ Δ? 0≤yf≈ γ^a²K_π·^▲oÑòÆiZ^a¬jV^rVû

7 9iyFÖQE@T^n>@P^n>@P.iei~%e||Wr°n² m^n ²||D@E@ÉU}² 4U||B~RE~%~Ö rjσkr||z

YZ¬Ñ*Pₜ FÜ1

ε→¬W▪■\$ ♠*ÖVûÇ%YÇ©èðV&\▪©

ò² I©&ÜðX©û«→¬UY©Ñ*f FZ& [©Ö

ÖUY©♣%Üð

UT♦TS©©▶◀¶♦©▪♣♦♦@Q²©♣Ç▪:◀⊞*QÑ♣♦▶◀Zr♠UP¬rYÑ*V·VY`f¬Y♠UT¬rYrjQ^a_U`f¬Y♠UPe¬YÑ*R¬Zjá

û†♠p5ª||⌈⌋⌈"à▪!!†♥É©öT©Pej (J⌋ûª2

å"E@%V†FªÉ♣ó⌋⌋⌋bàP%☉Q@QeP◀@▶☉♦☉☉☉▶@▶²☉♦@²♣☉▶PPA▶

U| ≈♦eVòiT·↓⚡5VEiUªÑj▪‡e♥Th

T⊕-jrr*ÑjXeWÉⁿ‡)V-ñ↓ÑP♣VEiY||Ñjrf▪

☺♦@en·kiygÜ ▪ J ▪ ▶ :√δ¬|| çm¬ZÜöJRσû|| v▪¬

♣▶☺@1@STUTⁿ♠▶☺

ö♣U½ ½|τθγ á²⊕⊕1²⊕■öp²⊕■²

⊕Zð♥ödÛ¿`■+⊕TQjðvñ L8¬¿¬¬BTQZðVöHj¬¬åö♣⊕⊕A⊕▶⊕⊕²⊕|P√⊕A⊕▶ET

UÿÿΔ■iγ■R̄J(√♠⊙)┌ifVH√↑⊙U¬ëj♥VàR̄JIp⊙U¬Öj┌jjæ·
IiñP♣♦▶♦◀⊙♦⊙φ♣▶⊙♦P [⊙I♦▶◀♠AÇ·⊙EH@ⁿ♥



@ⁿ⊙♥) ` n ◀

\$ÿ♣UÛH) ♣



⊙UA♣PEE@▶◀▶∩⊙◀²}R¬QèñiRT¶@V¬Qû♦ZóÖQèñefÑ\$@j¬Qû♦→óòPèöeRT¶■¬◀Æ↓íòPèöefÑ%@j¬V^aDj♠

≡. ♠? L♥nn2☺ .☺nn.♠ ≡? ≡ε?n L■
? 2 ll?n√☺▼ 2■ ♥≡♥. √√ ☺≡■ ♥2 Ln nÄ

♥ △≡ 7≡☺▪ ♣ⁿ 2 2 ? ▪ ⁿ√☺ ·☺7 ⁿ☺ ≡≈☺ ≡√☺ ·☺? ≡ⁿ♥ ⁿ△ @√? L≡♥L▪☺♥ Çⁿ♦ L♥ @ⁿ♦? ⁿ? ⁿn

i☺☺Ç☺0 ▪ ~☺♦E@QeH¶PaD↓ÇT♣U☺EDEeH¶U!E↓ÇT♣Y@REIÉeH¶U!U↓ÇT♣UAAEQeHTQ!P↓üt\$U☺☺EPQeH¶☺☺

PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b24703T	58
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b24703T	59
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v0s0b24703T	60
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v0s0b25093T	61
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v0s3b25093T	62
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b25093T	63
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b25093T	64
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b45099T	65
<i>ABXΔEΦΓHIΘKΛMNOPΘPΣTYςΩΞΨZ</i>	<esc> (621<esc> (s1p4v0s0b16686T	66
<i>ABXΔEΦΓHIΘKΛMNOPΘPΣTYςΩΞΨZ</i>	<esc> (621<esc> (s1p4v0s0b45358T	67
	<esc> (18540<esc> (s1p4v0s0b31402T	68
	<esc> (460<esc> (s1p4v0s0b45101T	69
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v0s3b4099T	70
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v1s0b4099T	71
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v1s3b4099T	72
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v0s0b4102T	73
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v0s3b4102T	74
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v1s0b4102T	75
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v0s0b24579T	76
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v0s3b24579T	77
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v1s3b24579T	78
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v1s0b24579T	79
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (14<esc> (s0p4v0s0b0T	80
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (206<esc> (s0p4v0s0b0T	81
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (302<esc> (s0p4v0s0b0T	82
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (341<esc> (s0p4v0s0b0T	83
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (373<esc> (s0p4v0s0b0T	84
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (405<esc> (s0p4v0s0b0T	85
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (53<esc> (s0p4v0s0b0T	86
<i>ABCDEFGHIJKLMNPOQRSTUVWXYZ</i>	<esc> (78<esc> (s0p4v0s0b0T	87

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(174<esc>(s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(277<esc>(s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(21<esc>(s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(37<esc>(s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(38<esc>(s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(39<esc>(s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(9<esc>(s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(19<esc>(s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(83<esc>(s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(4<esc>(s0p4v0s0b0T	97
	<esc>(47<esc>(s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(426<esc>(s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(437<esc>(s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(149<esc>(s0p4v0s0b0T	101

♣\$B\$♣\$UD\$♣-\$I\$◆<D\$♣\$B\$♣\$◆>♣\$P\$♣\$S\$-\$G\$I\$D\$>◆♣\$A\$T\$♣<\$U\$♣\$Q\$T\$<A\$♣\$U\$♣\$P\$U\$T\$S\$E\$U\$U\$T\$>♣\$A\$◆U\$<U\$U\$S\$U\$A\$E\$T\$♣\$A\$◆U\$♣

SP@<@♣♠SPS▪S>@S@T♣▪☉♦☉·♦♠E>▪BID>♠☉PSE>E<▶SD▶DP▶☉♠

♦

▪



◆◆▶◆◆@◆D▪/◆◆♣▶◆USQ▶◀PDA▶♣♣P▶UU¶▶EPDA@◆◆♣◆P▶D@@A@◆◆▪▶¶◀¶▶▶◆@@◆◆▪♣BD▶TUU@▶SPDA▶

@A@C@C@♦♦S@C▶▶>♥▶♦D▪☉√s@C@C▶▶@A@P♦EIS@DPIT@DAP♦ITSA♣▶T@C@DE▶@♦I♣DP♣PPEAEP♦♣D◀☉

◆◀T◆ETP▶@D◆▶▪S▪P◆@▶◆▶▪◀↑◆ETP1▶@▶√

▶▶◆⊙1PD@▶▪/⊙ Çax1EVÉTBH\$1R Ç!X◆E1P1@▶⊙◆



▶¶@@@@AUQ▶P▪¶↓♣TSaUAà◀@EU♣¶▶EP¶@≈◊▶°◉◉E◀°♥◊▶≈◉◉▶ⁿ◊▶▪◉◉▶ⁿ◊▪▪◉◉°♠▶◊@▶▪♥@◊²



AD@>>>√<@>>⊙E√⊙>²▶⊙ⁿ@■ATDP<@>>@>>@>·⊙ⁿ<@PA@<@>A@■>>■S⊙⊙⊙DVEjE@▶⊙S⊙⊙

☺☺T▶◀UA@☺♦√♦☺◀☺·☺@@°♥☺@@A■♦■

☺◀@@@@^♥D♦@@■♦■

A♦◀☺▶@☺²☺☺ⁿ¶☺@@♦@@E-û-^a♣Q@@^♥♦♦☺·☺²☺

♠bUS♣a↓hQ%T▪♦▶A♣▪♦♣♣≡♣≤♦ⁿ♣◀♦♣♣
♦

☺♦▶@@♦D⊙ⁿ⊙@▶▪@≈ ▶S▶@♦²

☺

@@UQI@UD▪↑♣R\$X▶◀S◀P\$⊙D♣S@I|J☺♦▶▪

▶◀@◀♦@IT·♦◀▶@√▶°▪²▶▪♥▶♦°♥▶

♦

☺@▷A♦☺▷A◀▷I▪♥PS◀▪I♣US▷eÉDPQEA♣E♣Q☺♦D▷PPQ♦@♦E♦D▷Q@@◀♦☺♣♣♦◀▷D@@▷▷D☺♦A♦♦▷♦D▷@▷@☺=☺♣

♦

Ç

TD♦♠♠♠E▶▶@▪♣@DP▶⊙ⁿ♦²⊙▶⊙ⁿ♥♦♦▶≈▪RSYUFD@S◀E♠SU⊙▶◀PE⊙▶D◀Q♣Q▶◀♦E▶P@▶A♦♦◀◀D♣♦D⊙♣♦@@♦▶▶

i ♦ ⊙ ⊕ Ç ⊙ 0 ▪ ~ = R V z ^a ¥ · f û ▪ → ^a Y < ¬ e m Z S z ü Ö ¬ f û ▪ [7] ¥ = ∫ ∩ u ~ < j 7 δ ε · f 7 ▪ [7] Ö < ¬ t m Y U z ü ¥ ⊙ f û ▪ Z ° Y ¬ ¬ t m Y S z ü Ö

■

◆

9j°≈_Γ¶^Zò[çf▪ ~Γ Δ ▪ ■ Γ²»▪~√∞ ·«fθ_#||;½·~≈≈_«½·^ZÖ[||Ü;k·n≈≈_Γ¶^JòFâàXV
>ûiV~Ñj^Y¶-[Γ² ▪ n XN Γ ΓON« δ}Û ÷]»ÛΓ ο_δRδ°YZ σ~»YΓεο_#||Γ·ùiV»Ñn»YΓ k[û]Ñ~V(
9jΓã·òJùûrZΓ Γ· ~Γ ■²■ ■ Γ Γ Δ # θ_μ²f rδz«~ ù σ^#||ZΓrδzΓ|| ~ ù σNΓrZΓeneΓ
←(v♦ _ ←i ⊙l⊙0 ♥° ♣| ♥ ≡▪ ☼♣L ♥ Γn ♣ ? L. ▪ ♦ n ▪ ♦ ♥Γn. ♥n ⊙Γn
☼² | ? Δ L ♥² ⊙ ?▪ ♣≡ n² =▪ n√ ⊙? L√ ⊙ n ⊙☼ ≡≈ ⊙☼ ≡√ ⊙ . ⊙▽ nn ·☼ n Δ
? n Γ≡√± L☼ « "☼L≡L ☼|L≡|<☼TTP ♥ ♥|L≡ L=♥|L≡< ♀ ♥² Γn ♦≡· ≡≈ ⊙ √n n ☼
←i⊙⊙⊙⊙0 ▪ ¶|¶|>U<QT♦ST¶FAVE>♣D° ο_#P ♣ASQP▪ ⊙¶° ⊙QP▪ ·¶T¶FAR ▸▪ @▪ ◀▪ ⊙E♦
♣¶ ♣P♦PB♣♠† ▸▪ ♥♦USÇ▪ ⊙♣n ⊙òUⁿ ⊙♣¶▪ ♦⊙ AT@▪ ♠⊙⊙♣♦¶¶♣▪ E·U♠>E @♣@ ♣▪ ⊙·U↑¶¶Q
♣ ⊙àQòò†ÿFDQ° ♥⊙T>T° ♥⊙àQ<² ♥¶UP⊙² ♀⊙T<¶ ▸ ♣P⊙¶▪ †⊙P¶D@> U@⊙S ¶P⊙@▪ ♦♦ ♦D
♦T ¶SE ▸P ♦>S<√ ♦· ◀· CST⊙PET♣>SA ¶D♦¶¶Q D@ ¶S⊙ ♦D¶¶SQ DEE¶¶SA@ ΔA¶¶QS ▸@@
◀S◀SAQ ¶ ♣E♣U@·Q6YVEQUa¶◀◀YATPQEUUQUQP@¶ ¶E♣UPQAEUQUPT@¶ ¶S♣UEQDQUQUQD@▪ qS⊙AEà
@ @ ⊙@ @ ▸ ⊙ A· N⊙ ⊙@ @ @<TQ@TA⊙ ⊙A>Q<@>@TbQàID♦ ♣@>♣↓@ @SRQA◀ ♣ ♣ ⊙@ @ @AQDEA♣
←i⊙⊙⊙⊙0 ▪ ¶|DYSQD♦⊙@UQ⊙AT>P♦E♦Q>~ ⊙>² ⊙@@² ⊙⊙A· ⊙♦² ♣A P ◀@▪ ♦♦ ⊙♦▪ ▸² ♥>
⊙ ▸@>⊙ @ A>◀ⁿ ▸▪ ♥♦ ▸⊙· !⊙ ▸ ▸ ⊙ ♦♦ ⊙ QSUaU`dûjÖ}«†ä ⊙(-· ⊙◀◀ⁿ @ⁿ ⊙@ ⊙²
HP¶f¶ ¶⊙V<èP ⊙√ ♦n ⊙⊙ ♦² ◀▪ A· ♦² ♣♦ ▸@ ▸j ⊙⊙√ ♦n ⊙· ♦@@ ♦⊙ ⊙² @· ⊙@ ♦
⊙⊙⊙♣bEQB οAa_hⁿ ⊙⊙⊙⊙· ⊙@⊙⊙▪ ⊙▪ ▸² @≡ ♥¶|⊙@▪ ¶|@@ D@>E ¶|@@ ▪ 5<UT♣♣U♣▪ S U A
◀♠U↓Aa⊙>ST>♣jz;² ♦n ♦÷ ⊙√ ≡≡ ♣⊙ ◀ ♦² ♂>@@⊙D♦>@Q U ▪ ▸▸♣T·RA♣♦TP♣♦@⊙⊙²♦>@A
⊙♦ A⊙⊙♦¶@ @@⊙⊙· ⊙♦>A· ♣♦@♣⊙@ @ⁿ @▪ †♦ ♣♣ ⊙A@ @♦⊙⊙ ◀♦▪ ♠⊙ ♦ @♦▪ ⊙ⁿ ♠♦♦ ▸ @
⊙ ♦ ♦ ♦SP♣ ▪ ▽\$@Töe>Q%TT>¶SP⊙P P>@<⊙> ♣♦♦ ▸♦@U P♣▪>\$♣♦♦>@> @D ◀@D ♦ AA
◀♣ ◀US♣A⊙TT^j† S¶@> ▸ ♦A@>⊙¶ D@¶♣ ▪ #!Æ)@¶PP♦ ♣D♣AESE⊙ ♦ P> @♣@ Q<⊙⊙ ⊙@ⁿ
▸ ▸♦>⊙A ⊙<@⊙ ▸² ♂♦ ▸♦A ◀DP⊙ P· ⊙· @ ♦ ▸ ♣♦ @@@A> @ ▸ ⊙ D ⊙@@ ▸² ο⊙⊙ ⊙◀♦
@ @ onÑ+ñiAUä ▸D ▸♦ ⊙ ▸♦♦ ♦n ⊙⊙ @⊙> @@ Dⁿ ¶| ¶|⊙ ▸ ▸@@ @ D▪ ⊙◀♦· ♦>
▸⊙ D ♦@ @ ▸n ♦⊙ ▸ @· @² ⊙⊙ ♦· √ ⊙⊙▪ ·@@ A>⊙♦♦ ◀▪ ▸♣A @ @@ ▸² ♦♦ ⊙
D> @> ⊙⊙ ⊙⊙ <♦♦ ▸⊙> ▸D@ A>♦♦@> ♦⊙⊙ ▸@PTTP ♦♦♦ ⊙>⊙⊙♣>E♦♦♦PS P⊙Q ◀⊙ @·
▸I¶ö\$S òFS@A⊙♦>@: ♦♦⊙ ▸@<@⊙ A♣@ @⊙♣> ▸@⊙ DE@@ ▸♣⊙ ◀¶|⊙⊙A D♦♦S ◀♣@ ▪@@
▸T@@♣⊙P♦♦♦@ @· ♂@ @A ♦♦♦⊙√ @@ ▸♦♦@♦@@√
⊙ @ ⊙D ⊙@@ @· ⊙⊙♦♦ ⊙² @ⁿ !!♦ ♦⊙iUiojÑnêeJ`⊙ ⊙ >± ⊙| ♣⊙ ⊙ @▪ P▪ ♣⊙@♦♦
♣¶T\$>↓I@Q@> ♦♦² ▸▸D♦♦⊙ @@ @@ ♣· ♦⊙A ⊙² ⊙⊙⊙ ♠>D⊙@ A² ♣· ♦ ▸♦⊙@@▪ ⊙♦♦² ♦
♦♦♦ ⊙ ♦♦⊙⊙ ▸@· ♠♦♦♦@ ▸² ⊙⊙⊙· †@@⊙A P@ ▸ ▸ ♦♦⊙@ ▸@· ♦² ☼ ⊙>ZHUiuZΓ^ûûS>δ
@ ⊙▸♦⊙ A ▸² !!E⊙ ⊙@ ▸ ⊙ D @ D@A> ▸† @ ♦♦ihÛr~ZòæS<@· ¶| ♥@ ⊙▪ ⊙ ▸ⁿ
⊙ ⊙@ @E ◀A@⊙P² @⊙ D @ ▸ ⊙▪ ⊙· ↓D @>D D A♦ ⊙ ⊙Q⊙ ▸@EA⊙♦· ↓⊙ ▸@D D ♦♦iá*~
@⊙♦ ▸▸⊙♦ @D♣ⁿ² ·¶ ¶D♦ ⊙· ·¶|SàPò¶P² ▸ ▸ ◀@>♦♦♦S⊙ ⊙ ▸@⊙ ▸ D ⊙⊙ ⊙♦ ⊙⊙²
▸ ▸@ @ ▸♦÷ ⊙♦· ⊙⊙ @@♦♦
▸⊙⊙♦ ▸ ▸@¶A@D◀◀'@ ▸ ◀@S> ▸⊙¶Q<♦♦♦ ▸♦@♦♦@>⊙ ⊙ ▸@@ⁿ ▸j ▪ #◀⊙UP⊙E♦♦>P ▸@@
←i⊙⊙⊙⊙0 ▪ ¶|> «VÑ«Ûcφ~%úzr~Ûr~rjD° ο¶Û¼ ¶FN~É· ⊙°ο▪ ♀rÖ@ %ó~rΓ«eÖ· di ♥V· ♀ò
TY~íi_Ö½ ⊙EEUVX> ⊙X ⊙IUYYEU> οT ⊙DeIⁿ ☼Y¶Zrì' ♣r]ªÖEEU· ¶SiaX> οIUYYEUUVX²
ο¼ ¶½⊙Γ² ||ûUp· ♥
VT♠· ⊙(rd² ⊙F\$Ç· ο¶öV ⊙E⊙%Æⁿ *j~Ñr~rL Se¶FSzV Zöjz;` ♣%ûsrfP♦♣@> ♣ ▸A· ⊙²
WΓ¶Γ φ7·ò@· ♦⊙ûfE · ♂⊙BjF ♥"òzjç· ,⊙èFjè~a@ ♣ãVr@ ♀⊙jFÛ^@ ο@jãZræ D⊙S ⊙ ◀P
♣DA@>@>P<@<♣D¶¶ ¶⊙ihjöâTeüañVéf~òr⊙▪ ▪ p:ùiv>σn^UΓrk[¶]r½j² ÛΓ οοδ« δ~φ
⊙ ▸ @@ DU¶ E >≥ H> ▸A>♣ÑÿUj~UX⊙U>ªªªr~iðÿªÑr~Y†Û¶f~ªªYòÿûÑÖÛY⊙U>fδfªYòÿûÑr~r~i†~
♦ ♣E⊙T T<♣T♣>≥ x> D @@~rUUzªEUVeXYèVJVÛ~U¶|zFZrjz;UèVJVÛ~U>ñfZUveTEèVJδVr>ñfZr~
↓zYèVJVÛ~UTz;fÛ~r~zYìZJÛV~VU~rvRr~½||r ▪ ↓9ûe~ûzE fδεrjff|Δ √Δ ≈≈ ¶τ· O√ Γ· τwΓ≈#||_ k¶
←μ~½⊙jRr·S;ZrO≈ ⊙jz· `± ¶n≈ ▪ ΔΓ²ΔU²» K¶½≈εΓθ⊙· ΔU;rεK¶¶çμr~r~Iñ↓ XUÛªfªVæO~r~*Rr
%E~δrΓ«δ«Vár~rç▪ ≡▪ ▪² ÷² ⊙·⊙è· J² ▪ çj Û²ÑEΓ√∞ΓσεZ¶Γ||ûΓ↓ÑE~rΓzjQÖEáÛ~Eiip
?Öf VΓ½~rR;T?»· ♦Γ√ Γ· ≈≈ ↓ ?· ~||Γ½Γn «W·uΓ?√ ¥°δf||Γn;Vφe>/ Ö°δf||Γn>Vφd«*Û~
▲~ªj ¶Ñ~Y&è∇ο² ⊙√Δ· ♠? ΔΓΔο= ² S≈Δ²r~iz||oj}f|«¶| ≈ο·²Ñ~Yz| οZmRªRÑj ¶Ñ~Yj¥^Siz;ZÑ
%YμzYÑû·íòZΓ· ♀Δ ▪ ≈ ≈το Γ· RΔ=¶i÷· ·σr^ÛjªiθiμªiÑû·σr^ÛjªeσYμzYÑû·σrZÖjre
ªθ~«z~rJò~iYÑiªª†¶~rΓεN¶Y ÖT¶A P ≈· ◀A@@ ♦ ▸· M⊙QEUñUYTdÖ@>· ÖUT↓fûðñr>² °εN~er
←(v♦ L ←i ⊙l⊙0 ♥♥ ≡· ♥·±≡· ▪ n ♦♥ n ▪ √· ▽ ≈≡²· ♣? Δ·¶ⁿ ⊙· ≡· ⊙▽ L²
Γ ∞² ♣♥ ≡ ?·ⁿ ⊙/ n ♦ ≡ ♥ⁿⁿ ⊙?n√ ⊙☼±²· ¶?Γ≡ ≡♥ L√nΓL¶¶ %⊙ ☼♥L≡<♠♥|L≡♀<☼L≡ ☼
←i⊙⊙⊙⊙0 ▪ ¶¶|A>àYV⊙♣QASPPAFPPEDö· ♠♣EP<P<@FT· ·àYV ♣Q⊙S· ♣UT⊙Aä· ♣▪ ▸P QFT @
⊙ @ @@¶ ♣ @ⁿ ♦@ @▪ →⊙ A ⊙e UÇ♣T&V†U⊙ÇTHU%ÛæAá ▪ ♠⊙DDü@P@!U· ♠UT>U<♣Eü@~
♣♦ ⊙F`Q`>D T≈ ⊙AT÷ ⊙@@Q² ♥♦UU♦² ♣A@>PA>▪ ♀UT♦S⊙ ⊙@@AA¶· ♀UT♦UA♣@ @ P ♦· →¶¶
¶ ¶QYUUQUPE@D· ◀>S>T@· ♂♣QTP ⊙P<@ A² ♠⊙PTPS⊙U° ↓♣Q>TS>P ⊙AA⊙ P @⊙Q>P ¶|⊙@÷ ⊙⊙
¶|@D♦ ⊙♣@XET♦· ·>♦ A@P♣· †¶|> ⊙@> ♦P@X♦S@ ♦² ♣>S@D@>≈ ⊙>⊙@√ ⊙♦>² @| ♠@⊙ ♦
▸D¶ A¶|>D> D<@@· ♀Q¶ @T>¶SATUA@· ♂Q¶@A¶|D> D@· ♀⊙>¶ @¶♣@♦ D@@· M⊙ ▸@⊙P†¶@PUA ⊙
♦ ▸ ¶|>S ▸D¶|>♣· +A >¶U PET>♣@@ @¶¶¶E @D@ S⊙> ♦@>ST @@ √ X> ▸ ▸A¶|>◀@@ ♦U
←i⊙⊙⊙⊙0 ▪ ▽V¶¶IQ>@UP>S@♣E♦P>♦P@ @@ ▸@A♦· ▪ ♠⊙ T@ @@² ♦>◀@P· @· ♣D⊙⊙ ¶¶· ♥
♣ ♦D> ▸@@ @ ♣@@⊙⊙ ⊙· ο> ♦> @@@· ▽√ ¶UIP r~*ST⊙P @ ♦ ♦@@· ⊙⊙>² ♣⊙ ⊙⊙·

A>>>A @>> >>>° >· >A A >√ @> @² @· ♣@>> >| >√ ♣@> A >@√ @ⁿ ·¶@D ♣@òD² ♥!Aà
@ <@D >UDS>PS² MòT@>SUU¶S@E PUD <> @¶D<< A P>D ¶T SQ< <@E @A> P ST ¶<@A @@>
A@>>@TPU♣@ < @· @>> @> >> D² ♣@ >> D· @>> @> >· > @>A @> A>A÷ †@ < >> >Ñüz¶
@ @ >> >> @² <@@ @>DTaU@USAYUäYΣ¶ @> @D@ @> D> A> @> EU< · !>@Sò\$U@ö♣·A@♣SEA
@>> @ @> >> >>² >· @² ¶D > >> @>>A @² · >¶ @> @> <@ < @V-rüZYVòEU >>² @>>ⁿ @
♣B@>UààPovùÑ-r\¶ > >D<@>@¶ @P @ >¶ @>>@> · !!> \$aêQ\$P♣¶ @UDA>>@>· P > @>AA @
> >> >> >>AP@· · 1>DPD`ät P<QU>@>> Q>@>>@>>@>P@ > Q @ @ @>A > S· >@> @ <>>
>>> >> @>Ñiª à ò í·P>>A >>° @>>@· >> @ⁿ @· >> @> @ⁿ @D@² <√ @> A A>>· Aⁿ @²
¶FU>@>S >S ♣>>·Aó DP >>> > @P·@'D ¶@ >> > >>@A@> >> @> ¶ > @ D >P @>>· @>>>@
>> @ >> @ @ D@>· ♀> > >>@D > >> @> < D@ @ @² ♥>> >> ♀>@> < < @ <² @> <A@A >>
@ @> ♣>> >>>@² >÷ >> ♀>> @> >> >> ♥@Q >² @>D@· @>>D >>· ¶¶U@>> P >√ @>>D·
@>♣YY-í-rÿGÆûdó² ♣> @ @² >· >÷ >ⁿ @>>· @·
@>> @ @ > >@· @>A♣>A>@ @√ @>>≡ @· *@>> A¶PD@>A >¶ PD> @¶>D >> @> >@ >D>>>♣
ò†újròr-ó-r;ED@≤ @>>@² @· @≤ L>>> D @ >>> >> >> A@ @ A >@ ♣> @ @√ STP♣ >>>
@SA`S`T@>> @· <@>>@>¶ ¶@> @ <@>> ♥D >√ >A > @² †@ @ @ <> >>@ @>>@² >>> <
♣àò-r) j||ò||èàUSU~ @· >√ @> >² @> >| @>ⁿ @ⁿ @> @> <> @· ♣>A>>@>· >ⁿ @> >² ♥@
> @ T< > >>@· ♥@> @ⁿ > >@ > @ >² !!@¶XE > >> >¶ @>>² >>@>@>@· @P<· > ♣> >>
@ <>@D> > >>P@· ♣>>@>@>@· @>>@>· @>>@>@T¶² >√ >> @>¶² @>@±² · > @>¶² >>@>@> ♣>@>
>> ♣@>> >@ >>ⁿ @>> ♣TU@ >ⁿ !!> > >> @> <>> @A >A· ♥> >² @> @> @>² ♣> >>A @
@ @>D@>>@>@P@>· ♀A >>P <> @>· @>>@ @>D>>² >@ @>@>@P<¶>· <¶A>TQ<@>@>@> >¶ D@ P
@ @¶YòQ @> P>· ♣@ @>@ⁿ @>>@>@> >>@> @· ♀> > @ @>>@> >> >D> @> > >@ >· @A@
> E< DA T@ @>· ♣>>Q AA· ♥@>>¶√ D√ ♥> >@ⁿ ♀D>>@> @ @>> @· @>@ A@>
<-i@>@>@> @· ++jÖU -VjÖçÛn)Û¶m-rjÖU; ¶ëçÛn)Û¶i¼ @-rVjëçÛk· oiúáE\$£ ♥J· <-V; iúá@
T\$>>Q@P♣P > >· @>@¶¶ⁿ
>I@ > @> >ç ç· >ⁿ @ @†@ @>ñ>@·
@½-rjzj¶ ç-r*Ift√ @¶ · ¶<-r½@>jR·.S;Z-rKf¶çτ ¶≈ >¶ÿ *@Δn²Δf²-r-rKg@ⁿ ·jzÑ* -rU::ⁿ †Ö-r
> @ ¶ >AUPP@>| {> @ \$Zeò\$æi>PAUeíà!ò*reò\$òiTÑQ-rªíæ!Y-ieò\$òiTaqeÑÉú♣ESYSò\$òiTÑR
*Vj[fy|j-rjòí~· ♣√Δ ¶≈² e≤Δ√ · gΔò½n|Δ-rj²≥n÷||²·Vj[ay|·-o@óY@r@εVj[VYíi-rZòí\$æUÖÖ
*i-rkÜ° :r;Ñ>@· @· Δ² Cⁿⁿ »¶ √k½n@r∞²· »¶ } kÜ°@r∞»²σ>^r· } k@r@r@r@>@>@Zi-r
?√rzz-rjU-rjÜò>f> @fno· ,Δ¶ ↓-r@n>>@nÛ-rk n{δzÛe-j-r¶«U-r[√n{↓-r~ræ-j-rò«UòV·-r!fj-rjU-rj»
▲½|Ö*~r||-rúei¶·ⁿ @·?√ ¶√··n· L√φ? ¶ ù m¶²f-rε-j-↓;n ¶ nù@m¶|¶ çòÛ¶-↓*~r||»ùnir-¶ ÜòÖ-r|ò*
>i-rjV¶«Ûç½{<Δ· j· ≤ Δ≤o n zε·[·j¶≤n z≤_ ¶ zε«V·Ûú¶zi≤Z ¶ zε«V·↓-rú¶zi|Z ¶ rir-j
*òTVie¶-rªÑ{ ≈² ~∞ √ ¶j√·≈ Δn@rTW-rε¶]Δ÷·° Δn@rXW-rε¶]ªσ{ª@ù¶|{n@rTW-rε¶]||σ{ª-rù¶|{δ
<-v@ \$ <-(\$ >@ <-i @>@l@> @· ·√ ≡* L° Δⁿ ♥¶ ≡ @* √ ♣L ♥ⁿ² ♥· ≡√ ♥
?ⁿ♥ L♥ ≡Δⁿ¶ ♥j %¶ ?*♥Lⁿ ;*♥α≡|+*♥L ♥ⁿ♥|≡ ::<ò*LL< ♀ @♥²ⁿ ·≈ ≤≡* ≡≈ @≤
<(\$ >@ <-i@>@>@>@ & ¶P@>-YTQ@>P>@>SDH\$PA>¶X~ @♣P· @X†eRAD>Y\$° ♣>>Q@>P>° @XTT· ♥Q@>SD
@ @ >> >> >>√ >> ♣>> >>ⁿ SVVSTòE@ @¶R`@†Ef->STò · [RUQU¶@¶U>♣EU@>@%VVSU>@TU
> >>@ >> @ @² M@ ♣@ ST>EA @D>>@P ♣A ¶U<AA@>>D@>>D> @>@>@> @@ @> >>>@ > >
♣UE @E♣TU@>>@>¶ S@>@EUU @¶@EQ @ U@P†VVÖ · |òª♣UÉT>SEAUTAaAæªADäX VFEòò♣e<æÑeADò
D>US\$♣A P @¶@·U ♣²US♣Q@P @> >>@ <SUA<@> @>♣EUU♣UUNU♣QEí¶íV°òòSSUSeU♣Q@> @SSTUE
A>S @ >D> >>>· <-@>A @¶> ♣> >>>S@> D> @ @>♥ >>@² >√ ♀>>¶S@Q @¶¶ ♣>·H@>>@>
> ¶D DA @>>@² @DD > > >@√ @>DE@P > @<² C@ <♣S T<@>¶ @ > AQE T< > TS @>@> ♣eU
>@ P> P A<> @² +@ > @ @>>P @ <@>>@ @>>@>P >> @¶P> P¶@>@· ♀@AT¶>Q@ET¶@>@· †
> >>@> @>>@>@>· @√ >> > @· I> @A¶@>>@>@> @ ¶ >♣Q>@>@Q>@>@> @>@EQQ@P>U>Q@> @Q@>
<(\$ >@ <-i@>@>@>@ · !!IS@Q@!¶S@♣U@<A ♣>>A] @· @♣ < DD] >≈ @> P @A¶ >ⁿ <°
> >>@>> @> P>· ♥>> @° >>>@S@· >>@>>@¶ ♣>>@> @· ¶@> @ > > @>÷ >· ♥>> >≤ ·@>
@♣>AòdEæQD↓Eúÿⁿ >² @> @² >² @>> > @ @ >> @> > >√ <² *>A @A ♣>T¶ A@>@· † >
>RY@>@!TATTÖjò√ @¶ @> @ @· >@>D>>> > D · /♣¶↓TUDES\$UP¶S @E¶P<PQ>D @♣P > D>>>>
@ > @>>> < @· @D@ D> @ >Dⁿ ·@>> < >· >ⁿ ♣@ @ >· ²@> >D A>ⁿ >@ @SPUæ>>D>¶↓
DH<@T>U<¶FòÑ+X¶ ¶E @> @>@>· @>@ < T> · cI`>DeD@>@UUS\$SAT<QEP@>@S@>@>PQ>>>>>@>P D¶@
@P @> @>>@> @ⁿ @> @ < >>> >√ ·@>>@>¶ <>>@ >@>ñ-rjUZäÆEEP² @· @> @> >> >ⁿ
@ > @ > >>@ @√ >ⁿ @>@· 2> ♣@AñT@AUñi%Ve-rò%EEAd¶ @U@>@DAE♣>>@Q¶¶@ED@>U>@> @√ >
@ @> > > >@² @> @ @ >>> >>@ @> @ > > >· ♥D@ @² >· ♥>> >≈ >>@Eü->fbbTYV
@>> >>A @ > @>· !!¶ @ >D>> >>@>@ @ @>·@>@ A@ @ⁿ (<EST<DU@>T¶D > A>>> E†T@ P¶
@ > @D>>@> @ @>· > @ @ A>≥ @° > > @ @A S@> ·@S > AE<@A @> @> > E<E² ♣@ @>P>²
> ¶ >>¶@ <>>@>· !!>D > @ @ > @ <PX ¶>@>@ A@>· >¶¶ > > >@ⁿ ♣> >> >> @· >²
>> @ P@> <>>· @· @>>@· >ⁿ >> AJ-rZ YöfúUÛü¶>² D· ♥> >@≤ @>] @> @ >· @>
od@à>T @ > ¶@· @>@ ¶@ @>@>√ >>@ D· ♥@>@ A² S@ >>@ @>AAD @ > @² @√ !!@ >>
T@ >A¶U A @ Aⁿ S> <>>> @>>>D D@ >>>>@· 4>AP >@ @¶@ @ >>> > >>@¶> >>@> D
>>@> @> <Q> ¶· ♀@>D>> @ >TD >ⁿ >D @> <>>> @ > @>· @· @>ⁿ >>SP>@ <@D>D >> U

«U-:« $\sqrt{\sqrt{2}}$ \leftarrow Δ $\sqrt{\cdot}$ ■÷k QTT>Y@eY%U> ©Ç♣UQ■T; i<iY%Y >©Ç♣òbXeT<ajY) i'P♣É→a-ri
|²;reOQA@ P@> ■ !!QX□j-N^aÜöV÷δ₇ nφ² ■ ■ k\$Ír«^a εP IB >@@ QeöY@YT EA @@ PUP¶ UT
♦ YÖPVÜV PAUV√² †σ«r-U½nδZÑ^aòUæèi@i-rTû_rV P² <>@Y@YU AëVEÑn Uæ-δ² \$■ δZiQ@ QU@¶
©V`%èòE&Y♣AU♣T· 7@ <E♣QÖ♣UEI♣eP>E@♣+>>> ÖÖUYJ-N*ÜòZjÖUûÜ♣-UYFj`%èòZ*~Zδ /√ ? ■
←(v♦ ¶ ←(\$♦ © ←i©©©Ç©0 ■ ~E@ ♠SUDP ST \$↓eEöE%♠òePæ<YXÈU↓UEò♦ †\$UTäQYD \$↓UD¶@
>P¶D ♦A>©♣©<♦♣>>† \$ @♦@ ©♣AQ¶¶P @¶A²
@¶@A♦@@ >@>A © 9> @ >> © @A@P@♦DPD♦D> >\$♦ © P@<APT♣D@>D\$D>© AA<@AD♣EP>@S■♣↓AX
©U\$DQ@ >♦♦ @■ ♣♦♦> >@² ♦ⁿ U@ © <@ >TPPA AU♦P@@E© ♦¶♦P@@>AUTSTöEA†P¶Q@P@ ©U♦
>AP♦U♣♦♦♦♦AD@■ ♀D@>A @@>\$♦AD@■ ♀E>¶E♦¶P @♦> @■ ♀@¶¶¶♦>@ D@ @■ L♦ ♦A♣¶P\$D>D@
♦♣ ¶P ¶ © ♣ A v♦ ♦> @> ♦ @>> <@ > D@ >♣ A<P <@ >D ¶@A © PQ> ♦@ ¶>P A ♣ >AP>
♦♣¶><♣@ ©E¶ ♣¶>♦>♣¶¶S@V@©Tj-r♣ÛYdHà²\$-PP@UT ♣¶¶♦♦♣♣\$<@U@©U†□ ■ ~@UQU©©Q@UQYT♣>@>@
♦ ♣EU DAP P< ©ⁿ →D> T@@@¶> > ♦ ¶E>@D @>♦ ©ⁿ 8@E T>P@<@ <@ ♦ ♦ TE DQ>@@<@ © ♦ ♣E
←(\$♦ © ←i©©©Ç©0 ■ †@UUæD æ\$U >@<@ >@QQ■ <♦♦ @@E @ < @>@@ ♦♦U ♣E @ < @@P © @@©
♦♦@¶> >@@@ ©■ @>@ @ D@■ >· ♦> @ ♦² ■ ♥¶> @■ · © > @>· ↓@ @ @EftT;Üzµ -
♦ >> <> ♦♦♦♦² ♦♦ < >@†@>♦> > < @@ ♦ >@>©ⁿ ♠@@ @@ @■ >²
□<ûYin«Y-róSjU¶¶ > ■ >≥ ©> ♦ⁿ ¶D@@ ♦ @@©@ >♦ A@> ■ D| ♥@ ©■ ♦² @@ >@>@D@ >
> ♣Q@♣A♣ >> ♦² \$>♦© @@♣ > ♦♦ > ♦@ A v♦♦♦² ♣♦© © ♦ⁿ ✨> @@ © ♦ >@♦♦ⁿ @♦>■
♦ >A ♦A @> ©² †>♦ A¶ >@> © © >>@♦A >> ■ †@> >> SUESÖe-r-Z-ÑU;Vñ-r@>@] ♥♦ >♦■
♦♦ <> @ >>@> ■
<@UPQD¶SP >T>² V♣ AD@♦> >¶¶ © D@♣@<♦P> >>@ P@ D >@D>> >> @ E Q@D-T< EU\$BTA
© @ < © @>P■ ■ ✨@¶ >< E@D< @@ >ⁿ N< © P > @@ @@>@ ¶ >♦♦ P ©@ ¶ <@< ♦> @>>
> ♦© @@@ >D >>² □@@@AA>T>· ó@ >D@>D> @ ©ⁿ -@A<D♣UTÇH¶>àdQjTjò<^U)VPⁿ @√ ≈♦ ■
> © © > © @>· ó@ ♦ © D@ @² ♦² ©ⁿ @@>± LD< @@>¶¶@ DD@@@>♣\$ D@Q> @ ©² "© ©
@@ @@ © >♦ @√ ¶@ © @<♣ © ♦ @■ > , > © ♦♦ ♦@@ >@> >¶¶ @@>↓Ua♠UXTèbòUÖRV-r-Ifí
>D> ♦ ©@ >>@> @@ © >■ ¶@ P¶♣ > >> ♦² 1♦ >>@>@@ ♦ D D>P@ >@>♣¶¶@ET`ät¶Yà¶-
@D D © @A PQQ@>♀PPQ@ © © ><@■ ♥♦ @√ @<<<@ @DQ ■ □P@>A@>♦ >¶¶©ⁿ @@ ©² ♥@> >ⁿ
@ @ >@ >♦ <> √ +@@ ♦ @@@@ © P ♦A@> >>@>@ ©U·Éæ♣QA♦FQUU-r@d@² @■ □♦ > @ @ @√
D♦A ♦TP>>> <<■ □♦A ♦ @ > D■ <@D♣A ¶TP>>@ED>> @>@@ P > D♦♦ D@@■ @@>@ED<♦
©@¶@XFSP♣>DöS√ >@>@² @@ @■ @@>· @ⁿ ♠D♦ @@ @= ♦■ ♣> @@>♣A © <>■ ó¶¶D@@@@P @
>\$♦ A@@¶ @ ¶P² ■ ■ · ■ ♦ >>@ >■
@¶ ♣¶¶@ ¶@DD♦■ ♀¶ ♣>>@ ¶>>♣¶¶Q√ >@¶ⁿ @D♦² LP@¶>T♠D†♣iUVV†J-r||-@YU@@>♣E♣>@■ óP >>@
@>@>@T @>♣ @@>■ ■ ·>@ @♦♦■ %P@> D†A¶¶¶@SD ♦ D © ©@ ♣♣UAUF†B-r@JÑ¶>· ♥@ @φ ♦
>¶T¶♣@ <>♦ © @² ♣♦♦ ♦ @° ó@@ © @♦♦ ©■ @>A♦² @@♦♦√ ♀♦♦♦ ♣ >> ♦@@■ ■ #¶@@@> ©
←(\$♦ © ←i♦@©Ç©0 ■ ♀^aÖÑZjεöü-r-ÑU₇ⁿ ≈■ ■ ⁿ° ~√n≈fδ Eñ ·µ@ητ·√µ_r^anε@>>√µσUητ·√÷_r^a
^aYÖjVγσðjµç n√ @ñ₇ⁿ Dñfe δR-r-ûz| Δτ_r½δfU R<<ûγσ_r≈ûfç_U½ R-rnûγσ_rk_iû^aç_U½^aZÖjV
¶¶♣T♣ P♣ P♦♦· p♦♣ P♣ TSUUö □U¶♣Xo ö©©öUYeö©□U†♣ÖJSÑ©©ñUYUT@□i†J-rJUN©©ñZjNö<□U†
UPSXEUûæñjàQ½√² ¶² √~√ ¶f-rPS¶fP¶¶ @ðÇÑjûf₇Ñ₇√Δ·δ½ ■ neòSÖFT^añ%UYEöfèQeÑSIET^aö
<¶ö\$XXXSüÇSUP@² @■ 4♦♣@<↓YQEP@<¶@ >¶Y+¶«-UàQEfi@ViY-r*üòY-rÑàQAbTòA%Xi*ûµ₇· √ ■
©@dAY\$Ñ†@T♣Q@E° 8@ ¶♣VEYE♣A@ñæY¶ÑRò^l»·Û-ÖSQ@-òE¶Q@ähEfeYE♦A@ñüY\$ÑRäiZ-r-Ü»ñ₇ⁿ √■ ≈
←(v♦ ← ←(\$♦ α@ ←i ©@° 0 ü ë ü ë ü ë ü ë ■ ü ü ì ü ë ü ë ü ë ü ë ü ë ü ë ü ë ü ë ü
←i©©©Ç©0 ■ p>Q♣USaD¶T>VR-♣EÖ<ZAUUhQ¶TPV¶;SDX♣JETU E¶D@VU@E@XU@♣TUaESPDT¶@♣DX♣BA
@ ♦ © @♦♦>♦@@■ ~©© © @> D@<@< @@©@ >@> <>♦♣@♣P@S @@ ¶ D@>P@ >@ @ @D@© ♦♦© ©
D>P> >> @@@ @■ 6D @ @>D >@ @@ TSQD@TD EA@ @> D>>>@>> <@@ > ♦♣>> @@■ 2A @P
@@@> > @@@ >@ⁿ @@ >>ⁿ 0A @A>PP >>@>E @@ @@¶DP@ ¶>@<♣@P@@@A¶TTQ ¶>@>D >@j n@ @
@♦ P >>E<@< ♦>■ @♦ @■ >² ·♣>♦ A♦@@ >ST ¶@ ©> ♦♣A >SQ<@< STÉA♣> >>@>@√ ♦²
>@>D >> @@ @■ ó>@AU¶¶Q< @♦ >² (>@>¶¶ @> @♦ @> >>@>T♣¶>@>♦ @ >S@ D♣¶Q@>■ ♥> ♦
>♣>A@D >♣@ @♦² m>@< > A ¶\$>> ♣©©Q♦♦>♣AD US>¶>Q@A♦ >♣AP>¶Q ¶ ♣©©Q♦ >@@@ <\$>¶
@T¶@AD♣T¶@TSE@■ @■ □D<DS@¶E A■ ♀>¶@AP♦¶> D @■ >² '♦T@DS@© @¶> AD♣>D@D¶A@ @©
@T¶@QT♣UU@TUA ■ *¶@>†*fÜòEFP@fJ♣>-\$>D†*fÜæU♠D♦FRS<d A@>fZQU♠■ "♦@> @ SUTQ♦♦ ♦ ♣
←i©©©Ç©0 ■ ♣FTT!@¶@@U@ D@> P>P >@@ E@ <@< ■ ··@ >@ @¶ A>> D ¶@ <@@ @ >@> @>
¶ @>@ ¶>>>@>@² @>A@>♦■ ·♦@ ♦ @<@■ @@♦>>@>■ ó♦ >D @>> ♦ @² @♦ @■ >SZàZÖínS†F-W&
@@ ©> @♦ @ >@· @■ @@@° -@ ♦ Q♣>U@>>@ >A ♣ @T@D>P@> ¶E@ @A@>A >A>· <@>@< <
@ DD @@ A © @± @@ ©>· ó♦>>@A E@¶U P■ >■ †@@ E PE <@ @E <P@ @ >>>Uⁿ @√ >>♦♦
> @@ D> ¶@<¶D² <>♦ >>♦ > @D@ < ♦ ♦♣♣ > \$♦♦² &P>>♦> >@@♦♦ @ >A♦ © >T>YÑY-r-¶!
♦♦♦♦DATTP♦♦ ♦■ ·♣>@E@D♣@√ ♣>♣>>A@■ @♦♦ⁿ @² ♠@ @ @@² <@<♦ D@< ♣@ ♦ P ■ T@<
©@ @@<E < >@> ■ □>A@@>♣@¶¶ ■ 1♦SP >EEDT♣ D@ D> ¶P ♣A>@< A @>> D >PD>¶ A @D >■
♦♦@ < @ @♣>■ ¶> ¶öUS ¶A@>@ ♦A■ <>♣¶¶ ¶D♣ © E @♦♦♦♦ < ♦ @@>@> >♣♦ ©♦■ Q@♦
A@ @@ >A @ ©ⁿ @@ @♦² >■ @@@ ■ (<¶¶P@¶@A> @S @ >@ D@>@> @>@ Q@>@ >@D>² >@
@@>D@>♦ > <@ ■ S♣@UP @♣ ¶ >PA@A >>@@· ·@ © © @>♦@>· @@@· @@<@■ 0DP@©♣¶%¶@-r-j
♦ > @@<@@@ >@ >♦♦ > © ■ ♠♦ >> PD>♦@@D♦■ □>♦@ >@ @² @√ @@>√ ♥@ √ ♦@D♦♦@ⁿ ·♦

◆ ◎ YÉIDOTB @² @τ ▷· ▷∩ ◆◆ ◆◎ @DJ →◎ A◆ ▷ A@▷Q◆▷ ◎A◎▷D ▷ A @· ▷² ♥◎▷ Dⁿ
◎ ▷ ◆ ◎ @ ◆ⁿ ♣▷ ◆ @@° ◆◆◆◆ P▷■ ◎◀◀√ ◆◆A▷@| ◆D◆@ @▷ @◎ PFIQ◆@◆ D ◎◎ ◎ ◎ @
▷ ▷ ◆ ◆FIQ ▷ @ⁿ ◆◆ ◎▷√ ○◆▷ @FI ▷DFI· ▷≥ L@ F♣Q @DQ FIOA ◆▷@FI◎◎ ◆T ◆ ◎■ @ⁿ ◆
@ ▷ ▷▷◎ ◎▷A· ◎@ ◆◆ ◎@ ◎J ♥◎▷AD· ◀▷EP ▷P♣D◎P@U ◀ ▷@² ◆◆ ■@√ ■)◆FI@◎@T◎ ◎▷DA◎
@▷◆@P ◎▷◆◆▷ ◆■@!!◆@@ ◆ ◆@▷ ◎ P@◆@ @² óS◆◆ ♣ @◆◆ @² %◆▷E @▷@ ◎@ @↓DU◀T◀U◀@▷
◆ @◎◀@FI ▷ ◎· □◎▷ ◆@ ◎◆■ ◎²
▷ UT ◆◆ ◆ A◎∞ FIA@ ♣ ◎◎ ◎◎◀@◎▷◆◆◆ ◆· ▷■ ◎◆ ■ ◀◆◆◎◀ D ◎◆◀◆ ◎A◆A ♣ FI ◀ ▷ ♣
♣FI ◀▷@ @ ▷PT◆ⁿ @√ ◎@ ◎² ♪◆DQP@ ▷ A◆◆ ◎² □◆ ◆ ◀◀ ◎² ◎◆◆² @· ♥@ ▷■ □◎ @ ▷
@P@◆ @@P▷ SQ◆ⁿ ◆· ◎◆▷² @S◆■ ▷■ ◎AA° @◆◆▷ ▷■ ◎@ ▷· ◎· ●@ @ @@√ @· óD▷ ◎◎
@ D▷@ ◀ D▷◆A◎² ◎² ◆◆ ▷ ▷√ □@◆◆▷T @@ⁿ ♥@◆D@ⁿ ◎◀◀◀ⁿ ◆· ◎@◎◎■ @· ◆◆ @ D@◆° ♠▷
▷@@◎◎ ◎ ◆◆◆◆◆■ ♠@ FIO @· →◆ @ @ @ @ @ ▷ ◆ ▷DP@QQ▷■ ◆ⁿ ♣◎▷ D ◎■ ◎■ ◎♣@ⁿ @
◆ ▷FI ◀ ▷◎A @◆◆FI◀ E◎◀◀◀AA▷ A◆◆♣◎◎ ♣ ▷■□@A▷ ◎◆ ◎■ @² ◎ⁿ ■◆◎ ◆◎▷ @ @ @◆◆ ◎
◆A▷◆◆◎ @ A ◆ A· ♠A @ ◎ ▷²
◎◀ ◎ ▷@◀◀AP◎A◆ ◆ ÷ ♥@ ◆■ @· ² ·@ @@ @ ◎▷■ ó@ @ ◆ ▷ ▷▷ ♣◎² □◆@D◀ @◎ @■◆ @ⁿ ◆■ ◎
◎@PFI@FI@A◆ ♣@ⁿ →▷@ ◆@AT!EE◎ ▷◎ A @FI@▷P A◎■ ♪@ PEP@▷@P D@ P· ♣▷D@▷ A· ◎■ ♀DP
▷ P▷ D◆ DA ◎ⁿ ◎◎ @≈ ♠◎▷ ◎ ▷▷■ ◎ⁿ ◎▷A· ◆@ √ ♣◎▷@▷ @· ◀◎◎ ▷ @ ◎ @◎ ◆@ DA■ □
◎ ◀ ▷ ▷▷ D ◎ ◆² ♥@◎◎◎■ ♠@◎◎@FI▷▷· ◆■ ◎▷ ▷² ◆ⁿ ■ ♣◎ @A▷D² ♣◎◆▷@ ■@◎Q@P· ,@▷▷@
◆ ▷◎ ◎◀▷ ▷ D ▷² ○◎◎ @@@◆ ◆ⁿ ♠P▷ ◀@◆δ @δ ◆ⁿ ◆◆@ ◎■ ◆◆▷▷ ◆■ ◆D @◎■ ◆▷ FI◆÷ ♥
◆◎ @▷DPP◎◎ ▷◎◎ ◎▷▷J ▷◎ ◀ @@A▷@AA @◀ ■@FI ◀D▷P@◎ ▷◆◆♣D▷@ @ ▷± ◎ⁿ ◎◆ ◆ⁿ ▷÷ ♥
◀i◆◎◎◎◎ 0 r\$teñojr-zr [«òÑ[ehjòIZÑ-òjò-jÇUZDteToVTöòjò-jÇUZetep♣TT♣UE♣U@▷♣▷◆\$P
◆d♣TUZS-rrrI-rjç. ↓ ▷Z«er-Û-EU\$A@@◆d♣TUjS-Û-rf. ◎τ√∩ⁿ ój↓ ■ rûuæI-r-UóY\$DÛ-EUVòüQ ■
◀(v◆ → ◀(\$◆ ◎ ◀i ◎◎ 0 ß ß ß ß ß ß ß ß ß ß · ◎◎ ß ß ß ß ß ß ß ß ß ß ß ß ß ß ß | ◎ε
◀i◎◎◎◎◎ 9@♣♣\$ösòftUUQ↑FI-áóää\$D-òED▷@ ◆ ▷ ◎♣▷FSQ◆@A▷◆◆\$◆FI♣SFI\$SUE@P² 1◀◆ ◎♣FI
◆ @◎◎@◎AA @▷◆◆² ;◆◆SSD@PP ▷▷FI◎◆◆◆♣TE@▷P ◆ \$◆ ♣EFI◀U@Q@P ◆◆ ◎◆ ◆◆E♣@P@▷D ▷²
◆◆◀@P@▷T♣♣@ @ ◆ ♀▷▷ ▷FI@T♣U-ää√ □◆◆ ♣\$@@◆ 4◆◆◆FI◀@TSP-E ◆!■Qir↓ò@V\$↓◀Ç@D! ◆QU
@◀FI AFI@ @◆▷ ▷■ □@P D▷P▷ @◆◆² ó@◀T @PP @ ◆ⁿ ♀◀T ♣D@◆ @◆▷ ▷■ ↑◎▷ ◆▷P@◎@▷ ◆◆◆@T
PT▷◆AT@ P ▷ FI· ◀ A▷ @· ■@T ▷AT@◆@◎◀◆▷ @D@ AT @!◎Q◎▷ @P AP◎ P@◎S♣ @D@▷
▷Q AT@DP@◎\$ ◆■ ◀@ ◎D◎ P@ USFI PTⁿ >▷@◎S▷ ◎@E AD @P@♣\$◆ ◆PU\$♣Aò-DTYb♣-öü@-U
QD@FI@QA-♣▷▷ √ ◎■ "◀DUFI ◆◆ @ @▷FI◎◎ ♣D ◆FI◆◆Q @▷DP@◆@◆ ◎ⁿ :STQ@◀♣Q▷ ◆◀D ◎ @◀
◆▷ ♣D@▷◀◎ A ◎ⁿ)◆◆ ▷S♣◎A◎▷ ◆ ♣FI@-SSDA◎◎▷ @ @♣@@S♣◎◎◎■ ♣D@ ♣ @≈ L◆ ◆D@ ◀
◆ ◎ ♣A♣ ◎ ◎◎· ◎◎◎◎■ ▲@ S♣◆◆▷▷◎♣Q◎ ◎◎A◎UUA-PS@PSUA ◎■ @· .@▷◎◎ ◆ ◎ @TQ@U@S
◆FI◀ ◆ ▷FI◆◎◎ P@· óFIU ◎ ▷P@◎ A² óFI ◆ ◆ ▷◎@A² ó◆◆ ◆ ▷◆◆@A· c@FIU S@◀òTö-◆R@▷◆◆!
◀i◎◎◎◎◎ 0 ↓D@A◎ ▷◆ ♣AA D @@◎@ P♣◆² @@² ◀■ □◆ ◎@@ AFI@□◎ ▷♣◆◎ ▷√@◎◎◎· ♥◀
@@◆◆◆◆ ◎◆◆ ◆ &FI @ DQ@ FIO@D♣◆◆ @ ♣◆◎ ▷▷ D▷◆◆ ◎FI◆◆ ◎² †P@◎◎AP @FI @◀◆S
▷ @@◀ ▷@ @◆ √ ◎ⁿ ◎· @· ■U @♣A @@ ▷A▷DE@D@A ◎ ◎· ◆◆◎ ² ◎◎ ■ *▷▷P ▷ ◀FI@T
▷▷◎▷ ▷▷ ◆@◆ⁿ □◎ ▷ ◆◆◎P² ;▷@D@◆◆ ◆◆ ▷@ FIT ▷@D FID@▷ ▷▷▷@◆ QD·||ií ▷▷
▷@◎◎ ▷▷ ▷▷@· ♥D @@² ♀◆@▷@▷ @@*hÉ■ ◆■ ♠D ▷P@◆◆FI ▷▷ @ ◆A@S▷▷ ▷▷² ♥◆
@◆A♣FIQP @ ◎ ▷ @ ▷φ ♥◆ √ ▷■ Q◆◆P▷■ ² ♥▷ ◎≈ ●@▷ ◀ ▷· ◎◆ ▷÷ !!◆ ▷PP @E ▷T◀
◆ ◆ ▷▷ @◆ ■ @ID◎■ %◀@@FIID D▷@S@FIID QD▷▷D @▷FI◆◆@▷ ◀◀ ▷@· ◆◆◆ ▷@ ▷QD◆◆◎ ◆◆◆
A U▷◀▷D♣@ @A√ □@ATSFD ◆ ▷■ ♥@ ▷· @· ♥▷ ◎² @| ◎◎◎ ≤ ·◆@D◆▷▷ ◆≈ ♥@ @· □@@@
▷◆PP@◎▷ @◆ ◎ⁿ 9▷▷@▷ DS ◎ ◆ @ ◀◆◆@◎▷ ◆@◎ ◆ ◎ @◎▷ E◀ ◎ ▷▷ ◎Q ◎▷ ◀◀◆◆■◆ó@
◆ ◆▷@ @ ◆ ◎■ ▷· ♥◆◆ @| ▷ⁿ ° ♪@ @ ◎▷◆◆@ @▷■ ◆° ◎◎ⁿ ♪A ◎ ▷@ ◀ @ ◀◆■
◎ T▷ ▷@ @ ◎ ◆◎² ◀■ †@ @▷ A ▷ ◎◎▷@@@FI @◀@ED² ♥▷ @ⁿ ◆² ◎² ♪T @▷ D@ @ ◎ @²
◆◆ ▷ @◎ ◆▷@@· óD @◎ @◎ @▷² óD▷◆◆@Q@↑◆◆◎² ·DFI◆◆ @◎■ 0◎ ♣U@◆◆◎◎ ◎D▷D▷ ◆Q
◆◆◎ ◆◎ @◎ D◀@@√ Aⁿ @@ⁿ ◎◆ⁿ FIO ◆ ♣@ ◆A ◎◎ @ ◆◆ A· ◆· @· ó◆ ◆◎ ◆◆@◀◀◎² ▷■
◀▷D@▷ ◀@▷@P◆FI@≤ ◆■ ◆◆D@ ◀ⁿ ♥▷ @· †AFA E ▷@ ◆ @ ◎@ @ⁿ ♥A ▷² ▷◀◎◎▷ D@@ @♣◎P ◀
▷ ◀ ◆◆@ @ D ▷² □▷A ◎◎▷ ◆▷ @· √ ó@@@ D▷S◀ ◎■ ◎◎▷A· ♀@D◎ ◀◎ A @@A·
A◆◎ ▷A P@ @@◆◆■ ♣◆ FIO◎■ #◎ ◀ @ D◀@▷SQAhhQP◎ @◎ D◀ ▷@◀▷@ ◎ A· @DS◆FIòàRA ◀▷² =@
▷ U QP▷P▷ @ D² ♣◀ ◎ ◎² óFIQDT▷FI D PPFI² ◎ⁿ ♣◆ ◆ D² ◎♣♣ ▷▷SU TP◀◀▷ @@E@T ▷E E
◎◎@◆FI@ T◀ @@@· ◀▷A ◆ @ ◎◎ ◎ ◆D@ ▷P DFI@@@ⁿ ↓▷@FI@ @ @ @ ◆ ◎◎E D▷@◎◀◀ ◎ⁿ □◀A
◀i◆◎◎◎◎ 0 ♠▷"ûτ ²≈ oγ rfeV↑♣UVQ@QeTUà!@@◀U↑♣VúªàóÑöeå"à@%V↑J-rªª äreTUà!@ ▷S↑♣UVR
T*Y-ßNEU@◆\$ @· \$\$◆◎◎@U@IYP▷U T▷S◀@P ◀ ◆UP▷ò@-e*Z&åσ· LÛR-rd*I-Àò U@oYP▷ò@UT*Y&
d-rBT▷PQUòVPQÉP· +@ ◎ @@♣PRödUTTòA@♣@ ♣@◎ @@TETTòAT▷öQjòZÉ@@² ▲-ûò▷PPUD♣PRödUTT
@YifhäXT SD @@· (◆▷◀FI@TT@UIA↑ÉP▷ TFI◀T@◆ ▷D@↑ÉPQ Yjfg;à-r;E▷ⁿ ◀-Qj-rfhätt SIA↑ÉPQ@Y
á-†)d@Y▷UTPT@◆◆P♥@◆FI
◀(v◆ FI ◀(\$◆ ◎ ◀i ◎◎ 0 ß ß ß ß ß ß · ◎◎ ß ~ @∞ ß
◀(\$◆ ◎ ◀i◎◎◎◎◎ ² ^♣ Rüe↓V%◀D♠òÑZEªIRA%YV!Q◀♣XæíB@áY↑AeXV-QFIU-Q@@◆ ◀ TEV@P◆
◎@ AUT\$ @FI ◀♣@· ó@ E A FFI ◆■ ◎ⁿ 3\$ ED A♣D ♣ AE@A QFI E@ ♣@ @FIED AP◆ ♣D@ ◎@
▷T @ ◆ ◎ ◀◀D@· □▷@D◀ FI◀D@· ◀▷ @ FIR◀ÇSÖXP ◆▷FI @@FI@D◀ ◆SD² ó▷ @▷▷▷▷▷ ▷▷D² FI· ●▷
◎▷A P@ ▷♣◆PP◎ ■ ~ZÑñ†ÉeTZQU↑@U@â-ZÑñ◀ÉU▷ZQQ@TS á@vñÇEÉTTVQQ-FIS á♣VñàFIU@VUT D@ ♣

←(\$◇ ⊙ ←i⊙⊙⊙⊙⊙0 ▪ ◇S@D\$F▪ l@A F D> ◇ ▶ @ ▶ @PD D @▶ ▶@ @ ▶P< ◇◀ ⊙ S>@ T◇
◇ ▶ D>⊙⊙ ◀@ ♣▪♦♣▪F*ÑÖA▪ ↔◀◀ ▶@♣ ▶▶▶▶⊙⊙ ▶@ ◀ DD>F!öö@A√ ◇² ♥◇ @≈ ▶² ⊙▪ ⊙²
⊙T|D@ ⊙ T>P◇ ⊙ⁿ ○A◇S@ITEÖ>>J ◇² ▶² ▶ⁿ ⊙▶⊙ F|@ ▶ ▶▶▶⊙ @♣♦F|A ◇ ⊙° ▶▪ ♀ A>◇
⊙▶ ▶D>>>A> Q F√ ◇◇D@◊÷ ↓◇ F|U ⊙ S ⊙S F|▶F|P@◊◊ ⊙ F|▪ ♥@ ▶√ ⊙⊙ ⊙² 2 ▲⊙⊙♦F|Q ◊D>◇
⊙ @◊UE @A ⊙F|@ ²→@ DD E@◊A P@⊙ @◊ @ P@ @◊▪ □♦♦@▶⊙ ◊▪ √)▶D ▶ ▶@ ◇ ◇ ▶
◇ E◇ ◇DD@♣A@◊▪ ◇@UUD@▪ ♥▶ ⊙ⁿ ⊙▶ ▶² ⊙⊙⊙▪ ⊙⊙⊙ⁿ ⊙◇ A▪ ⊙@⊙² ◇² @√ |D◇A ▶ @◇ @
@▶⊙ T@ @⊙ ⊙▪ F|@D P◇ @ @⊙♦♦ A ♣♦ ⊙▪ ◇▶⊙ ◊▪ ?@D ⊙V♣`ÖÿQü▪↑@ ◇D ⊙ ⊙ ▶ ▶ ⊙
▶ ◇◊SD@E@ @▶@◊² ⊙◇ ⊙√ ⊙⊙◊▪ ↑⊙◇ @⊙T@ ◊▶QPP A◊D@D@@> ▪ ↑◇ ⊙♦♦ @◊ @ ⊙D @ ⊙
P ⊙DE ◊▶F|♦♦@√ ♥⊙ ◇° 2 ↓♦♦@◊D◇ ⊙▶ ◇D ◇♦ P ⊙◇ @▶▪ 0♣ ◇ @◊⊙⊙ ⊙ ▶ E◇ ♦♦▶S⊙
▶♦♦ ◇ @◇D@ @≈ ⊙◇ ⊙² ▶▪ ♣@◊S@A▪ ◇D◇ ♣² ⊙D@⊙ⁿ ▶▪ !!◊ @⊙▶▶E F| ♣D @SP◇ @▪ ◇>
◇ ⊙ ◇ ◇ ▶▶▪ ⊙◇ ◊▪ ▶⊙ @ @▪ ⊙◇ ◊▪ ◊ⁿ ⊙▪ ◊ⁿ @▪ ⊙⊙⊙▪ ⊙♦♦▪
@ ◇A @◇ D @ ◇▪ @√ ↑▶ F| @◇A ⊙A♣ U@⊙▶ @ ◇▶ ⊙ⁿ ◊▪ ▶² ▪ ○A▶ @ @⊙ @√ |D◇ ♣@ ◇
@ ⊙▶ ▶⊙ ▶▶▶⊙ⁿ |▶ A⊙ A◊@ⁿ ♥◇ ⊙⊙▪ ♀@ ♣@ H @◊ @▪ ⊙@◊▪ ♣@ ⊙◇ ⊙♥ aSE▪ ♀@ E
@▶ ⊙ @ T@⊙▶▪ ♥▶ ⊙▪ ♣⊙ @√ ▪ ↔▶⊙ ◇ ♣♦ ▶ A @▶⊙@◊@ ▶ P▪ mA▶▶D @⊙⊙⊙ ◇Q
@ ◇D> ⊙⊙ ◇@ ⁿ ▶D>⊙ ♣² ♥@ ▶⊙▪ □⊙ ⊙ ▶▶A ⊙⊙ 2@↑D@▶ ▶▶ P ◇@◊ ♦♦@▪ ◊▶⊙P@◊A
⊙@ @ F|@♦♦@ ◇δ ◊@▶P♦♦DSA √ |F|@◊@◊@E ⊙▪ @ @◊@² ⊙|| ▪ @⊙ ⊙ ◇² ♀@ ⊙▶@◊@◊ @
◇AP♦♦ ⊙ @ @▶▪ ⊙▪ ◊A@◊◊ P♦♣▶A√ ◊▪ ▶▪ ↑▶ D ⊙ F| @◊DQ>E▶² !!◊T@ @◊A♦♦♣▶⊙
▶ ▶▶▶⊙@ ▶◇ ⊙÷ ▪◇ ⊙⊙ @▪ ▼@D@▶P♣ ⊙ ⊙▶A AP F| ◊E♣ ⊙ @◊ @▪ ⊙▶◊▪ ♥@ @J ◇ⁿ ⊙⊙
▶⊙ ▶⊙ ⊙⊙ ⊙² ▪@0⊙▶ @ @▶⊙ ◇▶@ @ ◇▶ ⊙ ◇@◊ @◊ @ @▶⊙ ◇@◊@▪ |@ P@◊ S
♦♦♦ ▶▶▶ ⊙ ♣@▪ ⊙▶ ⊙▪
◇@D >P< T @▶ ⊙² ⊙ⁿ ◊▪ ♀@◊◊ ⊙PS D ▶@◊° ◊ⁿ ▶▪ !⊙ ◊ PD⊙ F| @P<⊙ ⊙@Q@◊@◊ D @ ▶⊙
▶▶♣e√UEP@ ▶▶⊙▪ ⊙▶▶²◊%D P F|@ ◊▶E▶◊♦♦ @ ▶ D ◊⊙⊙F|@⊙ ⊙⊙ D>D▪ ⊙Q ♣▪♦◊D@ P>▶ ◇
@◇D@ >E ◊⊙ D>▪ ◊♦♦@ @ ⊙ ♦♦▪ ↑@F|@◊F|A> ⊙⊙@D@ @>A ◊◊A▶◊° ♥▶ ≤ ◊ⁿ ♥◇ @▶² ⊙ε
←(\$◇ ⊙ ←i⊙⊙⊙⊙⊙0 ▪ ⊙YkΔ² √² ?· ~; √ ◊ > ² ∩ √& ▪ |~· σ√) jTeIZ%U@-IóÑ-@Æ↑@≠¥
QY-üey F|@@ ▶ ◊▪ \$LUYeÖ\$BAö♣TT◊AQP♣UESD>⊙Aödhbûûaj Ö@◊ ◊@◊erbûQPSÖöey\$BAö♣dTbVQ
←(v◇ ← ←(\$◇ ⊙ ←i ⊙⊙ 0 f f · ⊙@ f f f f f f f f f f f f f | ◊∩ f f f f f ° ◊δ f f
←i⊙⊙⊙⊙⊙0 ▪ ~◇PdâDEQ⊙♣○→ÉF-→E F|eéPUA↑♣H○↑YéE F|TeéD F|F|⊙♣♣ BUYE F|▶dàD♣B> ⊙UUE F|Ddâ
@▶P<@♣♦♣@◊P▪ ↑F|@◊ ◇ ⊙▶P> @◇ @▪ &◇ ⊙P♣D♦♦ ▶▶♣@♣⊙⊙◊S P⊙▶▶ F|@◊⊙⊙⊙S P♣@◊▪
@♦♦ E ⊙▶Q◇ @♣▪ ♀▶P SDE◇Q @ ⊙² ◊♦ ♣♣UUF|◊@◊◊ L▶@◊Q@♣EUSQEP↓ ↑PPRTADFS@SPEP♣▪ ♀
⊙ ♣E QDQU◊P @² ⊙⊙⊙▪ \$E◊◊@◊@ ▶▶◊U@Q@AUQSQQ F| F|S U Q UYQUQ· |◊ ◊ Q F|Q♣A @▪▶U@U
A@T@A F|SP @@▪ ♀AD@ ♦♦♣Q ◇Q@◊▪ !!@ @ DE A ⊙ ▶A@◊⊙◊◊!!U ⊙Q@◊▶▶@AT@ ♦♦SV ♣Tⁿ ◊⊙
▶U ▶▶DPQ◊A@◊@◊▶◊◊ ◊◊ @D@@ADA@◊◊!!AS ♣F|@PPEY P♣▶▶F|T ◊▪ @%A F|@T ♦♦▶▶ ◊ TPP@S ▶P♦♦F|
◊◊SR@>F|S Q UE-U@F|SSR F|↑S Q@² U[QPSSRD↓S@Q ◊U◊EE◊S ♣E S E F|E@◊@◊SP D♣@◊S F|UES
←i⊙⊙⊙⊙⊙0 ▪ ♀⊙⊙ D@▶◊A◊E D F|▪ ◊A@ ▶@◊@◊@◊E² ◊@⊙ ▶▶ ◊◊◊DA▪ ↔ ⊙ ◊◊◊◊ ▶PTP@ @⊙ TQ
⊙@◊S◊ QA F|◊▪ |@ ◊A@Tü D▪ @² @| ◊▪ ⊙> @÷ ⊙▪ @◊⊙ Q ▶ D▪ ⊙°
◊◊▶ A@ @◇ @² ▶√ @J ◊⊙ Q♣ A@ ▶APA P@ @E@ @◊A ▶▶÷ ▶▪ ⁿ 6@A@ @ @◊D@♣ A@
⊙@◊D@◊▶ @ ⊙@◊ⁿ ◊◊@ ▶⊙² A▪ @◊▶◊ ◊⊙◊ ◊@D ⊙ ⊙ P@◊ ⊙ ⊙ @◊EJA ⊙° ♀@ @◊⊙ ◇ Q ▶▶²
@ @▶ ▶♣@◊ ◇ ⊙▪ ▶ⁿ @ @▶D @@ DP@A▶▪ ⊙ⁿ ⊙▶ @J ◊@◊ D@◊S▶▶ F|@◊▶@◊D F|@◊♣F|▶▶ ▶²
◊▶@ @ @◇ @◇ @▪ @▪ ◊÷ ♫▶ @F|@♣ DTAA◊@◊◊◊ ◊▶ ◊◊◊▪ @▪ ⊙◊ⁿ 6>S◊ ◊DPD @ ▶▶
T ◇ F| ▶▶F|♣ A>| @² ▪ q◊F|@ @DA◊ ⊙ A F|P@◊▶▶ PDD> ⊙ A F|▶D◇ @◊DQ@◊ @ A▶▶ ▶@◊ D@◊
⊙▶@ D@♣ F| ◊▪⊙▶⊙⊙ ⊙ ◊▶▶F|@ ▶ A@◊² '◊T>T@ %Fí@Q@◊F|@◊ ◊T S A@◊@◊◊▶▶ @▶⊙ F|◊♀
▶@ ⊙ ⊙⊙▶ ⊙ ◊▶▪ ⊙@◊▪ ◊≤ ⊙@▶▶ ⊙T· ⊙@◊A▪ Dⁿ ◊◊◊◊◊◊~ ◊◊ ◊ ⊙÷ ⊙² ♣@▶ @ @▪ ✨@
◇D ▶▶▶▶@√ ♣▶▶F|▶Q@√ @² ♣▶▶▶ ♣E@▪ ⊙▶ ⊙≡ ♣▶▶▶▶@√ @∩ □◇ ▶▶▶♣@▪ ◊▶▶ F|▶▶
◊▶▶▶▶♣@◊@▪ ♣♦♦ ⊙ⁿ ▶° ♣▶▶▶▶DD² ▪ ⊙@◊² ▶▪ ○D>P ◇ E @√ ◊▶@◊ ◊@◊▪ ♣@ P F|
Q @ @▶ @ E@◊ ◊▶▶ J ⊙@▶▪ √ @° ▶² ◊▪ @◊ @◊ @ ◊◊@² ◊▶▶@S♣@ ◊ A▪ @° ♥◇ ▶▪
@ @◊@P♣S ◊ ◊▪ ♣@ D F|◊² ♥@ ⊙√ ⊙ⁿ ◊@ @⊙ P♦♦◊◊⊙⊙² ▶~ ⊙◊ ◊ⁿ ○◊◊♣♣ F|T@◊@▪ ◊@ @◊
⊙@ ◊▶▶AA>D> ⊙▪ ♀◊@◊Q♣S U@◊@◊▶ ◊▪ 9▶♣ D>@ ◊▶ ⊙ ⊙⊙USÆU F|P@◊ ◊◊ ⊙ ⊙D♣▶E F|D@QP F| ⊙ ⊙
⊙◊ ◊◊ @▶ ◊◊ ⊙ⁿ)⊙ ◊ @◊ ♣⊙ ◊ ◊◊ ⊙ @ D ⊙ ▶ ◊◊ ▶ ◊◊ ⊙ E@▪ ◊♣♣ ◊ @D◊ ◊² !!⊙
@ ▶▶▶ @◊◊ ◊ @² ♣▶ ⊙@◊² @² ⊙♦♦▪ ▪ (◊ D @ @◊◊◊ ◊@◊ @D @ ⊙⊙ @◊ ◊◊◊DA @ ▶²
▶⊙◊♣♣U@◊@◊ F| Q√ ▶ⁿ ▶° ✨P♦♦ A> ⊙♣⊙ ▶▶⊙√ %⊙ D@◊▶D♣♣T F|@◊@◊A◊@◊D@P QD♣Q F|@ ◊A◊⊙⊙
▶ ♣⊙⊙⊙ F|◊◊◊▪ ◊▪
▶◊A@◊ ▶⊙DD♣♣▪ !!F|Q@◊▶▶ DA ◊⊙ ▶▶◊ @| ⊙∩ ▶φ ⊙▶ ∞ ⊙D@▪ ⊙▶ ◊τ
←i⊙⊙⊙⊙⊙0 ▪ ⊙↓½· ±▪ ⊙∩ⁿ 2² c|gytWj▪ · · 2 |èVyτWZφη σ|∩σ>² rASuùVV²γ: ⊙·ÿ-rTA@
XVTiüöVz;-T >@▪ '⊙ ♣♣@SX-rTA@ ü@ TSPSU@⊙TU> ▶A@ TfÑ-rñ½-rⁿ !@S-rjñizPVXÖT@ ü⊙⊙TV
←(v◇ ◊ ◊ ←(\$◇ ⊙ ←i ⊙⊙ 0 f f f f f f f f f f f f f f f f f f f ~ @∞ f f f f f f f f f f f f f ◊τ f f
←i⊙⊙⊙⊙⊙0 ▪ D◊AQUUh◊◊◊é^aE X@ë@◊QSU (◊♣^a▶Y◊◊@A◊SUX@◊EéfAYS◊AaA@US↑ ◊♣◊fPU♣◊◊Q ⊙Q
▶◊ ◊F|▶▶@D@◊@◊◊▶♥E ⊙D◊@2S@SP⊙♣▶▶@E ♣UaaUYIS@ ♣▶▶U ♣D@P@◊⊙▶ ◊◊ ◊▶E @◊PPAA ◊· ◊@
FA@`f|àv@Q♣CUAP=Uia>`Uà♣♣◊ ▶PTUUEE>T SàvT@CQPPQUEA@P F|U@◊▶@ @P@UUEA T F|U@U@▶@EP@UU
E F|EUFIEAP S@◊U◊² TSAUUA♣AU F|APEA F|PDPAE>⊙⊙ E◊ ▶E@◊ F|DAUA♣AD@♣Q@DDQDP@E F|A@ P♣A Q♣A TTD
⊙P ◊ @◊ ⊙⊙ P ▶√ ~@D◊▶⊙⊙ T▶ @⊙⊙@◊SDdS`♣A♣Q(X ♣◊É◊♣@◊S>♣⊙ ◊◊ ⊙@P S@D▶♣@ P▶▶ ⊙⊙▶

←(\$♦ ⊙ ←i⊙⊙⊙⊙⊙0 ▪ ♦ Δ Δ ▪ |√ √ⁿ ≤ Δ Δ ∩ √ .ⁿ»≤ Δ kΔ∩ ≈ε Jⁿ○÷∓ ○τ«WiçΔτγ
■VreZñ□F♣♣oh ▪♣♣UUZÑ ▪ ≤ √ √ γ ▪ ~f ▪ √ ||γ » fφ² ≈ ▪ ||«½»»[Γ ñUf||°Ñe
←(v♦ ♠ ←(\$♦ ⊙ ←i ⊙ 0 β . @ . >⊙ √ ⊙⊙ β β β β β β Σ ⊙♦ β β ⊙ ♦Σ ⊙ ⊙PΣ
←i⊙⊙⊙⊙⊙0 ▪ ~"SVööBæJ&♦Qö-@QH&SSöÇ⊙QYf♦QÉ*⊙QH"UföÇFQXb\$Aö*AQXaUföä†>Y ♣QT%DQH⊙♦♦>
@- @ ⊙ @ @ <♦♦▪ →T AD⊙ P⊙S♠ ♠PU ♦AD @ @ <² ⊙E▪ !P @Q⊙S<▶ ♣PU>♦AT⊙⊙⊙⊙⊙ ♠▶ @
<⊙♦T⊙ ⊙ EA ▪ ~ (bVR⊙T→àUQ*♠öi⊙††b-R-T†üQ j♠òIT⊙†R-RRE†ät b♠öID†PVP†T†ÇT⊙▶ ○A
<@ @ ♦ @ EP ♠⊙ ~A▶ ♠▶ ⊙▶ E ♦⊙TfSSQ⊙Pad♦U H PEUfS>Q PA> D⊙ <ADfS>Q♣A>♦T @
@P⊙D ⊙P♦ S>⊙⊙⊙. '⊙♦ <Q♦S⊙ @ D ⊙ ♠ <S <@ @ @ ⊙ ♦ S> ⊙² ▶ τ ≈ ⊙♦ <Γ !!<♦ ♣@
> ⊙ @ @ ♦ > @ⁿ ▪ ♣▶ ▶ ∩ ▶ ± ▪ √ ○▶ @ ▶ ♦² ⊙⊙⊙² ⊙ ▪ ⊙² ⊙▶⊙√ ♂▶▶⊙♦ @
←i⊙⊙⊙⊙⊙0 ▪) ♠ AA♠ ♠ ♠ ♠ ♠ P QE ♦▶▶▶♦⊙ ⊙⊙⊙ ⊙ ▶ ▪ .♦ ▶▶ A @ @ ▶▶▶▶ S ♠@
@ ♦A ♦⊙ < ⊙▶⊙² ♦♦♦▶ ▪ ▶▶⊙E @ <⊙ ⊙ ▶ ▪⊙⊙ ⊙♦ < @ ▶² 1@⊙ @ @♦♦ < ♦▶⊙ @ @
> @>@ A ♠♦♦ @ⁿ ▶▶⊙⊙♦♦▶▶ @ @ < A ∩ ≈ ♥@ ≈ ⊙ . @ @² • ⊙ @ ⊙⊙ ♫▶ @ ♦@▶P▶
♦DT⊙E @♦▶ @ ♦ⁿ ⊙° -♦ @ @A A @⊙D @♦♦@▶ ♦ ⊙ @
♣ ♦♦♦ >T>Q>⊙≈ ♠@ > @² >≥ ♥♦♦♦÷ ♦² ♠@ D D▪
>♦ ♣♣@P D▶ ♦@ . ⊙± ♥>Q♣² ⊙P♦² ♥> E▪ ♠♦ A♦♦ ♦ⁿ ♠⊙ ⊙♦⊙⊙ P♦ ♦ⁿ ♠♣ @♦♦ @√ ←▶ @ <
>♦ D>♦@>E> ♦@▶→♦♦Qf@UV@ @▶▶♦♦DPA>>@ ♦▪ Y> DEeEüSTP@ D @ ▶fTDQfP♣fP>⊙♦ @▶
>>P<♦PPfD @ ▶▶♣♦ ▶ √ ⚙▶ >A⊙ A>>♣P @ ♦† ⊙♦DP fD ▶▶f A⊙⊙⊙ >° ♦@ @▶▪ ⊙
@▶ ♦@⊙⊙⊙ ⊙ <▪ ○♦♦ A<<<♦√ ▶ⁿ ♥⊙ >@ ▪ ⊙ ♣♠fD<² ⊙⊙⊙ⁿ ♀⊙ >♦⊙♦ A⊙♦² ⊙@ @²
⊙▶ D ▶ A ▶♦⊙▪ ⊙√ @÷ •D@ @ @² D² ▼♦ >@ @ P < D A⊙ ▶▶ @⊙ > @ A √ -⊙@ <
⊙▶@ D @▶⊙D @▪ ♥♦ ▶| @° @▪ ⊙▪ ≈ ⊙ . †♦⊙ ⊙▶ ⊙ @ @ ♦ ⊙▶² ⊙⊙ √ ♂▶▶ @ ⊙
> ⊙@D@ @>AD@f² ⊙√ >▶ ♦@ ⊙▪ D⊙ ⊙♣fP<D ♠ @@D@♦♦♦f@ >♦@@ . ♦÷ ♥♦♦ ± ♦
♦A DPASTU⊙▶ ♥@A♦ⁿ @ⁿ ♀⊙♣DPQ@<DAfAP⊙▪ ⊙▪ ♠⊙ >⊙⊙ ⊙▪ # EQD⊙SfEfA@AP S>U>
>▶ D@⊙▶ ▪ ▪ ♦♦@▶ ▶▶ ♠♦@ @ ⊙⊙ E ▪♥♦ ♦D² ♂@A ♦♦♦▶♦♦▪ ♠♦@ @♦♦♦♦♦
⊙ @⊙ >▶▶ ≈ >² ⊙▶▶♦² ♥@♦ⁿ !!⊙ ♦ <▶▶♦♦ ⊙ @▶▪ ♣@ >♦♦ⁿ D√ ⊙♦² ♥⊙@
@ @ >♠UT>P⊙ @² ▼@ @ TD>D⊙@⊙D A@ <D>⊙@ @ @♦ⁿ @@D▪ †♦⊙⊙ E@ ♦fT <⊙ @ ♦
♦♣E ♠<D⊙⊙ @♦▪ ⊙²)⊙⊙ ⊙@♦f ♣⊙TfSf♦ A @♦▶♦♦⊙ <⊙⊙ f⊙ @ @∩ ♠@ ⊙⊙ >² ♦ .
>♦▶▶ Q>⊙ @ ♠♣♣ ⊙@@▪ ♠⊙▶ > @▪ >² •æF>T⊙@♦▪ †▶ @▶ AP P @f♦ D D▪ ♠A < ⊙♦▪ ⊙♦
♦ @⊙⊙ D ♦D♦♦² ♂@ ⊙⊙ D ⊙♦▪ ○A♦♦ @ D@▪ ♫⊙ ⊙⊙⊙ < D ⊙▪ †♦ ⊙U ⊙ >P ♦⊙
@A @ ♦S⊙òòQA▪ @ⁿ S⊙♦fTTP@⊙▶U @ A>>♦fE⊙⊙▪ " @ ♦ @▶▶▶♣<@@A SÜ«ó•ªªÑNVH@>
@ < @ @♦@▶▶
>@>D⊙ @D <▶@▪ ♠@ ♦⊙ D @♦⊙▪ ♣@ >♦Dⁿ ♥▶ >@ⁿ ○⊙⊙ ♠♣>S♣√ <@ @>A♦@f⊙>A♦@<<<D <
@ @ @ ††♣ADS▶ ▪ ♦ . ♠P♣♦ @⊙ >♦⊙⊙² ♠♦@>⊙ @⊙ @♦♦ D▪ !!♦@A⊙ †i^ayWÖníbJñjeT√ ⊙ . @ .
>@ ♠♦@⊙ ♣▪ ⊙ ♠D@f@fD√
⊙<UY||;ΓrieefIQ≡ .>AA>S>P>S@eUa†EB>QòQUQ>áeêeU!-EB♣Säd>>UQf⊙▶▶ @A▪ ▲@ >♦PS@UU%†IB
<▶⊙ >♦⊙<♦² ♠♣@U>RS>P♦♦@ . ○P♣@S⊙♦♦ED>² ♠♦@⊙ @>>⊙f♦f▶ > ♠ @ @² <▶ V«òòÖ>ûfÑR
←i⊙⊙⊙⊙⊙0 ▪ ?√ ♣▪≤ γ∩γ . ~∩²≤ γ»Δ ÷ ≈ ∩ || Δ»Δσ√τ ½û∩ ;óεΔÛD .σγ†Yjzfd ♠<Z{
QQöAöU⊙⊙P⊙▶† ▪ ♥? ²♦ ∩ γ γ ▪ ~÷Δ▪² ▪ ♠∩Δ .○∩∩|~² 2 ▪ ♠Δ ♂||»j²▪² γεÖRΔò♠AÖ>
ÛVeVö<<VàfeÑEò> .û||ûr-S-è>EÖ^aròVeVT<<Vàf> .è²∝ûeFUS\$VàfeòD .UfE⊙AP ⊙Uàff^aIⁿ⊙||
♠RUUQñ@AU♣○P . ▪ ~†▲Δ || γ ▪ γ~ δ÷ † →Δ∩-½ «γφ~ ÷ † <Δ †γ γ▪} δ÷ † ▲Δ || Γ «»⊙}▪
@ÑhXUUIæED⊙æAS▪ ♥Qf♦ ▪ ⊙;~▪ ~σ Ñδ♠δZ÷δ ~▪ f ▪ Ñû∩δZ||δδ½~ ▪ σ Ñδ♠δZ÷½ ~▪ f ▪
←(v♦ ← ←(\$♦ ⊙ ←i ⊙ 0 β β Σ ⊙▶ β β β β Σ ⊙▶ ⊙♦ Σ ⊙ ⊙Σ β β Σ ⊙@ β β β β
←(\$♦ ⊙ ←i⊙⊙⊙⊙⊙0 ▪ #♠ÑSTATöXeSRö>V<àíSTUUöte<Rö@FSU♠í-♠U~†%SRT V<Q♣æSDQUU>S♣R
♦▶f<f⊙ S♦Q⊙T √<S⊙ <♦f ⊙@⊙⊙▶▶♦♦⊙⊙ ⊙▶♦f@▶▶▶S>⊙ ⊙♦ D ▶♦ ⊙⊙⊙ <♦▶⊙U@<E†>S
♦♦A QAA♦ T T@▪ ♠⊙⊙ <AA @D Dⁿ ♂⊙A > @ @ >E@² →⊙ >SAA @T>U@@<⊙⊙e♣QE @T>Uⁿ ♠⊙⊙ E
@♦♣A SQ⊙ @T>Q@▪ <♦⊙A ⊙A♦ @P>U@ @ ⊙A ♣QA Q>Q▪ <@ ♣A♦♣QB@ed>U@ @♦♣⊙ ⊙A⊙ ♦D <@²
>TT@ D >▶⊙ @² ⊙@ @ⁿ ♥▶ @ . ♦ⁿ ⊙▶ @Σ •@ >▶♦▪ 5@▶ ⊙▶ >▶@ @ D >♣D@▶ P@E
←(\$♦ ⊙ ←i⊙⊙⊙⊙⊙0² <♦♦♦♦ @ @ E⊙ ▶▶² ♀♦@ ⊙ A @ ♦ @ⁿ ♥@♣ ♣▪ !♦♦▶♦ ⊙♦♦⊙
⊙⊙♦♦♦A ♠A @▪ k< S♣ÇfQ < @▪ ⊙♦♦ <@♦@⊙ @ @SD(IS < <▶♦PA<@ <D⊙♣@♦A A@<@
⊙♦▶ ⊙ <S Q ♦√ ♠⊙ @> ♠A@▪ ▶▶♦▶ >@≤ ⊙▪ ⊙² ⊙▪ ♥⊙▶ ≡♦♦@⊙√ ♠⊙ >⊙ @♦@√
@ > ⊙ D⊙f @⊙▪ ♥@@▶ⁿ Sⁿ •PP@▶ ⊙⊙° ▪ ♦÷ ⊙⊙A♦ . ⊙P@∞ ♂▶ D >⊙U@A♠▪ ♀@ >
@ ♦Q ⊙▶⊙▶♣▪ ♥@ @ . ⊙▶⊙² >@ ⊙▶@@<DDf⊙ @ⁿ †⊙▶<@♦@ @♣DD ♦♦@±♥@ ⊙▪ @√
>@ @> D⊙ @>Q ▪ S⊙⊙ ⊙♦▶♦♦♦ A♦⊙⊙ >♦♦▪ H>>♦@ D⊙▶⊙⊙@ @♦♦▶▶@A>D⊙ ▶▶▶♦< <♦⊙Q
⊙⊙<♦⊙⊙▶▶>♦♦▪ ♂♦▶ ⊙A@▶ ⊙▶² ⊙▶ @ . ⊙♦⊙⊙DE ▪ ♫@ ♦@< A⊙▶♦D⊙▪ ♦♦@>A>♦D² ⊙
> ♣♣<@♦♦♦@@ . ♥▶♦♦ ⊙▪ ♠@▶ ⊙♦@▪ ♠⊙S>P @f▪ †⊙@♦♦♦ ♠P T♦ ⊙▶▶@≈ >² ♦≈♥▶
>♦♦<fDA @>@Q⊙⊙▪
>♦♦DfA @D@U♦ @≤ ♠@ @ D♦♦E⊙▪ ⊙D@⊙² <▶ >@A @E A<@@>≤♦▶♦@D▪ †>P@Q⊙⊙@A Df♦<▶⊙
♦ ⊙ ♠AAS D@@÷ '♦♦ @ @< ⊙ > @Q EP@⊙♦⊙ ⊙ D @@♦@EP@⊙P♦² @≈ >° @± >±♦@ @
@⊙ ⊙ ⊙ A ♦♦▶ⁿ ♀@ @⊙ >♦ < ⊙▪ -A >⊙♦♦ ⊙ ⊙ ⊙ @ @♦⊙⊙⊙♦@ @ @ @ @♦⊙▶ > ⊙ ⊙ @▪
DA♦♦♦ >▶ @ ♦÷ <♦⊙♦ DDA ♦♦♦▶ ⊙▶⊙⊙A♦♦<▪ •♦⊙⊙ < @² ♦ . @@⊙≤ ⊙² ≈♦÷ ⊙
⊙ ⊙ ⊙ ⊙♦ A ▶ⁿ <√ ♥@ >≈ ▪ ♣A @ D♦² ♠▶♦ @ @▪ ♠D< @ > ⊙ @ⁿ ♠D> A >▶▪ A▪ -@

©\$-♣-@ ©@♠♣ ♣♠ ■ ~"\$D@àTòö@ÿ©DQü©S&\$D©òPæð†ÿF¶Eæ©S" \$D©âQæð©ÿVDUò- $\$$ "dASä-æU♦ÿ†♦U
←i©©©Ç©0 ² ©. ■©© @² ©² ♠♦♦♦A ©² ©▷♦ⁿ ©©←©√ ©▷♦■ ♦▷♦♦Aⁿ ©♦▷©■ ♠PD© A Q² ©▷©■
▷ ♦ A QA▷■▷¶¶@· <P@ ¶¶@ © ▷♦♦♦@P@. ¶-@♦♦ ▷T▷<A @. †♦◀© < ¶¶eVZ^IUiDH\$ò©ⁿ ♦♦© <
♦▷A ¶¶© @♦ ©■ ♦▷ © ▷² ¶@◀▷D ▷ ▷A Dⁿ →▷© @ ♦@@ ▷ © ♦A A▷ AA @² †@♦@A▷▷♦ @@
@© D¶¶¶TRB%@▷¶¶² @. 6¶ @ @▷♦♦ ¶¶¶¶TD@¶¶¶ ▷▷▷@ @D@¶¶¶ D@@ ▷ → ½ÛfjuzVF¬àaT√ ○♦
↓JÖùnû¶¶ ¶ÑjYRÖDj `©▷YD†©○¶¶\$BXE¬àäYY†Ö↓¬Û¬Z\$BYò¬ûEHY†ÖQj¶TU▷A♣ @@◀ Q ©©©©RHE¬FE
♦© ♦▷@ © ♦A©² ¶@ ♦A ♦@A▷ ©♦▷ ■ L▷▷ @A ♦ @▷ ▷▷ ▷ ♦@D©♦ @♦▷▷■ ▲▷▷ ♦D Q♦@D▷▷
▷ ♦ ▷▷A▷ ©♦ ▷■ @. ♥♦♦♦² @. ♠▷ ©©♦ @. @. ♣▷♦ © @√ ▷≈ ©² @ⁿ ♦@ @♦φ ■ ¶▷♦
@ ▷▷©U\$AP ©ε ▷■ ♦◀ ▷ @² ♦@ ©♦♦² @√ @ⁿ \$UÖj¬Rû||½. ⁿÑ[òjÑÑ¬Ûn¬Rò¬, ûÑZòi!ÑEÛn
▷▷@ ♦▷©©♦ⁿ ♀♦ © ▷♦@©■ ▷. ¶♦ © ▷ @ ♦▷■ ©©♦EAA U@² ©▷♦©≈ ©. @² ♦@
© Q\$♠-Ö©QD@√ ©ⁿ ♦© @▷■ ©▷ ©j ♥@© ▷■ ©. ©@▷▷■ \▷ ©▷♦©©Fò«rjV; j¶ûejûùZεfð«Ñj
←i♦©©Ç©0 ■ ©6 ¶. ~√ ≈ⁿ. ¶¶¶¶¶÷ Δ¶ ≈ ÷f. ¶¶²¶¶¶. ¶¶¶¶¶δσU¶Δf¬©©¶²Δj Û¶¬ÑU; kRuzÑeθk¬
X→IP♣P`ö-¶SA@Q² ©©. ?■ ©wµi² ¶≥√» ≈n¶ Ngµe² ¶≥√» ≈n¶ Ngµe² , ±√f ≈n¶¶. VòU«¬δ¶¶
←(v♦ \$ ←(\$♦ ⊥© ←i ©©■ 0 ² ♦. ² ▷.
←(\$♦ © ←i©©©Ç©0 ■ ~RS¬UæÑÉY!ëDòETòeQTAUæààY!Ö)IETÑeRSD\$æààYaÖ¶¶I¶Tò%PU@UQàÉU!U♣
♦T@¬@E▷QAS▷¬T■ ■. <@©@@ ▷° ▷² ♥@© ©≥ ©©¶ A j ♣@ ▷▷▷ⁿ ■. ♣♦@@S EU▷. ♀▷ \$♦♣-P@
\$¬©AAUE♦ EDP@T. ¶¶S@ @@DE D@ © ▷▷♦@© ©▷▷■ ♥D ♦. @. @≈ ♦° ♦ⁿ ©▷@² ♦. ♥▷ @.
@@ @@ ▷ ♦ ©. ~♦ ▷DPE ♦@ ▷@ D@DUDPT© \$ ▷T ♣▷EQUU¶¶E♣ P \$ ▷▷A ▷P@@T♣ ▷ S@◀
¶¶ \$© © ▷ ©
←(\$♦ © ←i©©©Ç©0 ■ ¶@@▷@ ♦♦ ▷ⁿ ♣@ @ ▷@. @. ©© @ ♦ @ ▷² @² ♦▷ D @ⁿ ♠♦ <
©*¬iÛ.¬Ñ; EíR. ÷ ©▷@. &TQT; iTiöEíR. ⁿæA¬öaU¬iäiÿU; B¬óêAèöQUAA ▷√ *♦ ♦◀D E¬YÿQ; Vå^a
@ ▷♦@ @▷ E©² ■♦▷▷ ©Q© Dⁿ \$@▷ © @▷♦© ◀©¶♦© ©² ■♦© ▷QüÉ-¶¶D° !@©▷¶¶S¬©@♦
© @▷ @ A ♦ @▷■ ♠© ▷▷@©©² ▷² ■@ ▷© ▷ ■. /♦ ©♦ ◀ ▷ ◀♦UUS♦ ©A ▷ @ ▷ ◀E@@♦ @
♦@♦ P ▷†Qé©UT@. ▲@▷ ASQA P@@▷ @@P@@ @♦Q@A▷♦@▷ P. †© ♣^a°û«f_ . dù¬ÑÖóUPⁿ Z@X; UÆIe
▷ ♦ ▷ P♦▷ A▷▷. @√ ♠@ ▷ ♦≈ ©. ♠@ @@ ♦. @φ ¶ | @j ■ ■♦♦© ©ⁿ ▷■ ♦♦♦ @j
© ♦♣▷ ▷♦@ ©▷▷. ¶© ▷© ♦ @▷©. ♥©© ¶ | ©© √ ©@@. ♥♦ ©. ▷n @ⁿ @δ ■ ♦▷@♦ ◀. ■
♦P◀◀ A▷©♦ ♦@▷©. ▷■ ©A ■©©▷♦. !D @▷© ▷▷♦♦@© ©©▷ ♦▷© ▷▷♣UöU♦♦© D©ⁿ
▷♣EDED▷ © ♦P¶©. ♦©▷©@² ©© ▷√ ©@@. ©@♦. g©R a~ akf¬Nñö^aR!Bò¬a~ a jT¬^Ñò^aÛjjÛ¬àj^a
@© A © ▷ @@ ◀■ © © © @@♦◀♦♦ @ © ♦ @@ ▷▷ √ ♀▷@♦♦ \$AaTU†©U² .@♦♦ ◀@©ⁿ ♦
♦ D ♦ ♦ @▷▷. Dⁿ -♦ @ ▷ @♦♦ A▷ @▷ D @ @♦♦© ▷@ ♦ D ▷▷◀ D© ▷ⁿ ◀♦ A ♦♦@
♦ ▷EPU◀@◀QD ♦ⁿ ©√ ©. ♦♦D@◀©. ♦ⁿ ©♦ⁿ @. ♥@▷ @² jV^aiÖíðbré||j@jäu jðöiÖ¬òV¬d^aj
@▷@©♦D @©♦@■ ○▷D♣♦D©▷@√ ■@DD♦▷@♦ @. @ⁿ ■@ @© @ ◀♦. ✨ @©¶D\$PD©U@@ @j ©
@▷▷◀©%É♦P¶¶¶@@@■. ♥©@² ♦ⁿ ▷² ©j ♦. VAPA¶ûû&çZ¬aÛ¬jûycÛjµû. †→Ró¬ÖjViσàj^aðVè[U¬óZÖ



◆@AT◆@☉I DD◆²☉@²♣☉T◆◆ⁿ1♣DA▷D▷♣@☉▷☉▷☉☉D☉◆◀♣◀◆@☉☉SD☉☉IT☉◀▷@☉D▪I◆I◆▷D☉☉◆▪~òí%Q◆üY☉

◀♦TD⊙\$¶▶▷D@▪▶⊕A♦▪~Æ♠Y%QPaaÄåP▷U¶É♦♠♠Y!Q▷ AüFTVU▷É⊙é♠Y!Q◀ AüAQ◀UEöé⊕Y!Q◀`AEP◀¶¶T⊕

♣▶▶♣@A♦@▪~@P\$DE♣ö▶©DPAT◀D◀♦D@P♣ö◀†♣EÉæd♣A▶à!ÿQeñ◀†☉DáÉe◀A◀♦◀☉◀UQÇQ†♣APQT◀@▶DUö◀◀D



◆☺i☺☺☺Ç☺0²

☺

◆

☺DDD@◀@▶ⁿ◆◆◆◆■

@
@>@>Ud↓ UP@²→◆◆@U◆@TA<◆@>I◆@A◆@◆DAⁿ◆◆◆@ⁿkAe|SfUU|¥|Z-ò%◆AA|efVUJë-Z-;fÑU
◆@◆T@íQ>@²↓@>ATPP<@◆@D@◆PQ◆A>²◆◆@·@√i@ -+ûÛ·||Ñ!eEYVA-æÖÆûÛ·-ÑUeVÛVE-óÛûÆ -X

▶▶▶◆⊙A◆⊙⊙²▶■⊙⊙√⊙⊙▶◀⊙⊙√▶■♥◆◀◆√
⊙⊙▶⊙⊙▶▶◆▶♠⊙▶A■⊙²♣⊙⊙⊙ⁿ♥▶▶◆◆²⊙⊙⊙ššHUS♠⊙⊙▶●⊙◆√⊙√⊙▶⊙A⊙⊙⊙⊙◆⊙▶▶◆⊙⊙RšbSØzğÜVwJÛđγ

D

D ♦ ▶ ◀ ☺ ♦ ♦ D @ⁿ ☺ ♦ ♦ ▶ ♦ ◀ ▶² ☹ ▶ @ ♦ ◻ @ ▶ ☺ ♦ AUF ↑ ☹ IP @ ☺ ♦ @ | ☺² ♦ ▶ ♦ ▶ⁿ @ ° ☺ ≤ ` @ ◀ F ⊥ · ½ Ñ ↔ ◻ ◻ Z ^ V ¶ U



◆▶◆☹☹▶◆ⁿ

▶☹☹▶@²▶ⁿVPQ| Δj ε f ΓΓUδUj| ^»| jñ«^ÛΓæEUfΓΓHÛÖjÑêZΓöèæUÖΓΓ|| Z«ÖnÑ◆

PP&)ëIHQ♦@T@▪~▪ 0 1 11■7#½07 JvJn■ ~0z» 7#0 Jw·«■√~0z½ 7#δ0 JfJj■ ~0z½ 7#½»

i

i
W
U
U

U©ÑXÑJe¿Ç`♦P`²+H♠e¿ü`DQá>S>`HT♣e¿ÇP♦>`>`Hd♠e¿Ç`D>`²f`HÑZ¬¬áPá¶SUáHd♠e¿Ç`TPá¶S
f

☺◀▶☺◀@▶◀◻L▶@P◀◆TPA@T◀▶QQ▶☺◀@T◆◻



Q@P♣@S@T ▶ 7D@▶@D▶♣▶@P♦@@IA@@▶S@@TSP♦UQ@QA▶U▶@

<IIDE♣A◀♦♦♥◀♦▶▪♠▶A@♦♦▪@÷@|♦♦♥▶♦◉²☺▶▪♦²

A♦D♦♦◉◉@S▶♦A▪~S▶%ö↑QDUD♣TDT%Ç%ö↑UEEQ

0B000T♦*00D1000VH00f0♦*ÉBHE00ND0D▶♦♦000♦▶





i☺☺☺Ç☺0 ▪ S☺◀▶@☺◀◆☺☺D@☺▶ ▪ ☺@◆ ▪ ☺²♥◆D☺▶ ▪ ♥@◀ ▪ ♣▶@A@ ▪

@◀☺@D♦@▶ⁿ☺♦@▪♣◀@♦@@▪♦Ti_↑E▪♥A♦▶@
♦

Ä*QVû%VJ|~jèú||▪-ÖV~íVZª~nÛ°~||«~iVå!†D\$E♦@▪→D⊙QT◀♣†Zfóí

f;ÑÑÖ)QVà◀◀@▶@@ªA▪@▶@♦⊙▶▪

@

Ⓞ

D@♠@♠▶D=⊙▶@²⊙♠@▪♣♠A▶Aⁿ♠·SQ@S@♠²@▪⊙▶⊙²⊙⊙♠°▶√♥@⊙▶▪⊙⊙▶√S@♠@⊙eU½û½||Zgτ~mⓉ

◀▶⊙▶▶@√I⊙SdV⊙Ff¬∫ó&
◆◆D◆@▶@⊙⊙■@ⁿ▶ⁿ♠⊙▶DD◆◆D≈⊙⊙◁|⊙@◆▶◀◀◆⊙·▶²⊙■▶√▶Σ⊙ⁿ♣▶@·⊙■♥⊙◆▶■♥⊙▶⊙■
▶⊙◆@@▶▶|▶√@ε⊙·⊙◆⊙·@∩▶]@τ◆⊙◆²÷▶ⁿ▶■⊙⊙@■▶▶@▶▶⊙@◆⊙■
⊙◆▶⊙⊙▶■@◆@D@⊙♣@◆◆@■▶▶▶▶◆♠

▪ $\phi_F/\theta_\gamma \Delta$ \cap $j\phi$ τ ▪ \sim ▪ $\hat{u}^{\delta+\ddot{O}}\neg\{ \neg \blacksquare iZ\neg\hat{u}^{\delta\eta} \cdot \blacksquare \hat{u}^{\delta+\ddot{O}}\neg$



1

U

V

U

☺

☺

P@UP@d♣▶D▶▶⊙²A♦◀♦▶■A⊙P◀◀@♦ε♦♦·▶▶♦@▶@■@√~▶⊙▶D▶@▶♦@A▶QSA@⊙T▶▶⊙APTUPAT\$APD▶@⊙
▶
@



◆ ⊙ i ⊙ ⊙ ⊙ Ç ⊙ 0 ➡ ◀ ⊙ A ◆ · ◆ @ ▶ ◆ ▶ D ◆ ➡ @ ▶ ⊙ ◆ ⊙ ·

▶ ◆ @ ◆ A ⊙ ◆ D ▶ @ ◆ √

◆ @ ◆ A ◆ ▶ ◆ n

A@>@@>@@@■ @@@>@· @<>@@>@ⁿ>@>@@@♣♦TÉàÇ♦E√↑♦♦@PP@♦A@<P<>AE♦>>@♦·A■



♦♦Q@>VQAT>@@²♣P@P♣PP♦@>♦°>ⁿ@>♦ⁿ@√i>↑|e[fÑ[^aδç]û¬Ñöia◀[fÑ[û¬Zσû¬ÑÑiaEZöÑ[û¬ZÑû¬



◆@◆◆◆@ⁿ↔▶◀◆◆◆@D@▶@▶DD@◆ERfeD▶♣▶▶@◆@°@@2@?@▶A√▶▪c◆◆▶♣R₇||ö♣k«@in]Y{[||Ök₇||UZ\$





◆▶@@◀"\$AS@.▶▪◀√⊙ⁿ⊙ⁿ@◆@▶.@²S⊙Pûyγ²e^{ll}γ εy^ä◆♣D▶Pûi△.aiU^γ½ÖQJàeQöAjÑQi^γ!-ÿUZ^aiRûi*



►☉òQA¶UE►◆D≤☉√☉☉◆√☉►◆≡M☉@☉ÑjσzÑjæEPED◆@☉@♣T∩σÛ^aδ[∩]^a μÛ→Ñ◀δe%→δZûE∩û^aÛ→ÑeσjÑjσÛó

D
H
◆
D
◆
Y
D
D
X

Q♦@@@⊙f@·⊙@>·♦|♦♦♦ⁿ@D>D♦♦I■P

<Q⊙♦@♦√d>@♦D⊙<⊙I♦♦>⊙@PP<<♦T@⊙A♦I♦I♦⊙PQ>SQEU@⊙<@♦~~⊙~~

▶ @@@T▶▶▶ | ♣@@φ²◆~◎▶▶▶◎♣D◎D▶▶▶◆T@S@PQ◎ES | PSE | A@▶@D@AA | ▶♣DD@S@P◎◎D | ▶E

☺DQ@♣AUPU▶♦²◀ETAQ▪▪☺

P◀☺E♣E@◀▪↔♣☺PUP♣U@U@E▶A☺PU@EEU▶Q♦▪

☺

◆@D@R@Q◆@@@♣WQP@G@<PU@Q♣D@K@T@S@S@Q@P@R◆V@@S@jH@C@J@S@D@E@B@S@D@P@Q@R@X@f@H@Q@V@Q@@S@V>@S@T@R@I@G@S@



◆i⊙⊙Ç⊙0²!!◆◆▷▷◆⊙⊙⊙°▽DD◆⊙◆◆@▷▷D@◆⊙⊙▷@⊙◆▷◆▷▷◆⊙◆▷▷⊙@@²

⊙⊙▷⊙Uñ<ä%U·→▷<I♣SD◆◆⊙◆◆▷♣⊙

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

☺▶☹▶☹▶☹▶◀◀◆◆√

◀@@ "dQ⊙ES@ⁿ ♦ ± ♠ @ ⊙ⁿ ♥ ♦ ▶ @@ⁿ ⊙ ♦ ⊙² a ⊙ ▶ Di { || ei ⁂ y ½ ÖUj^a iV_{ri} { . eh ⁂ ⁂ ` ⁂ ê ♣ Z^a iU
0

► 8êPQ@D@²@ · ◀D@@▶@◆@▶@@√@²@▶▶ · NfEòΔπ ▪ γ ƒ †óUD\$&ûUnªε ||@«j πª→í%jöQIV; j¬Û*¬ûª→Ñizò

☺D▶◆◆@@▶◀ⁿ◀◆▶@◆▶▶@▶▶@■▶▶@☺▶▶☺◆☺■%D◀◀☺▶@▶@◆◀◀@@◀◀æT\$UDA◀◆·☺◆☺◆■♥@▶▶√☺◆@D■▶◆▶@◆■☺

© 2008 Microsoft Corporation. All rights reserved. Microsoft, the Microsoft Dynamics logo, and "Your business. Our passion." are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.



*äJÑåòd¬ñ%fZB↓ϕÇEíàT¶Γñ~SeJB↓ϕÇEÑET►YT►U♣©SàÇEæET►YdSeIB↓ϕÇEÑET\$¬ñ%ªZFZÑ↓*äJÑÚÑ

½||è-7Z*♠- Jª-ÿ-+Ñå-7

&♣ÑÛ♠òZVYVZeEY-7♣-♣dÿ♠UYVYZZeEY-7♣\$@dò♣QY²U

±
PEUU♣\$@dû♣-▼@U



◆@#%&*~^&Yd<¶E·ò◆Q@UHR@USd@◆E·@à†æQòYV<¶Ud\$@¶\$◆à· · · ·ò@TYR@USd¶▶♣ò<Q@UXV@▶ST◆

☺♣♣TU@SSAQ▶²♣TE☺ES◀Q@U♦▪L☺TU@IU@Q@U▶◀☺DQ▶D¶@@▶▶·◀▶@▶♦·♦▪☺÷♦▪♦÷♠▶▶▶♦≈☺÷☺▶@♦◀D

©♦D♦©²♦@◀♦D@▶♦ⁿk♦@▶E♦@T@▶¶@TS♦P◀UT@U▶♦S@S♦@▶◀D@@▶D@@S¶@◀SUCPD◀◀♦S▶@◀QAUP◀¶♣¶◀



▶▶@@A@@▶▶ⁿ◆@▶▶■@▶@◆¶■@QE@AT♣▶▶▶▶■A QTUAD♣@D■L@@@PD@@◆@▶@▶D@@P◆▶D■▶■♠◆◆◆√@

◆@i@@@Ç@0·◆A◆◆◆◆@■@◆@▶◆◆ⁿ@@◀■◆◆◆◆@·▶@@▶◆ⁿ♥@◆◀²◆■D²

◀▶¶E¶ê◆U@◆@²

©◀♦©©♦▶▶©©ℱ SëQUIT▶♦÷♦©©♦±©√♦©©©▪©♦©ⁿ`©Qn^aε || »z ¶|| ZÑ9 || òU. ^aε ¬θ

Vj^a à ↑ ⊙ ◀ ◆ ⊙ · ⊙ ⊙ ⊙² ⊙ ≈ ◆ ◆ ⊙ ⊙ J ⊙ ⊙ ⊙ ⊙² ⊙² ♥ ⊙ ▶² ⊙ ⊙ ⊙ ≥ ♥ ⊙ ◆ ≥ ⊙ ◆ ⊙ √ ⊙ ⊙ ◆ ≈² ◆ ◆ A ⊙ ▶ ◆ ■ ▶ ⊙ ◀ ⊙ ◀ ◆ ◆ⁿ

◆@>⊖⊖<D⊖⊖²A>>◆@<@⊖◆²

◆@◆◆⊖>@A√) A>>◆⊖⊖<◆@>>◆⊖>D◆>UDT| P⊖<@A²>·⊖◆>≥⊖@D²>√♥@@ⁿ [A

@@▶◆A⊙▶RVUSU⊙▪@▪♣@▶▶÷⊙A◆▪@▪⊙@≥"▶⊙▶¶◀VUAU [jZÉûç¬ ¬½»ÛªûßU†hZçûÛ▪¬▲½½ÛªæíEFjZ¬ªÛ◆
◆◀@@@A◆⊙@⊙▪

@A>☺>☺▪

☺>>☺><<>> 2♥☺²

◀S♣XÉüÇ♣A☺·☺>>▪♦▪@▪♥>>♦@²♥♦@|▶√Y♦☺♣▶Pæ Ç%û┌TRdo



◆◀E▶EE◆◀▶DP⊙▶|▶·▶|◆≡V\$UQ→Y▪½▪~ò°ε♣«||UUQVUê→φjòRꞑSV¬¬UUVZE¬jφjUV Vκ«||eUVZU¿j∞jòW⊙

☺☺A▶@☺☺▶▪VA▶TV┐┐U°∩²k ᐉ uUEj┐┐||εªS┐┐è¿V SàdE☺┐┐ª;ñU♠Û;Z┐┐òeYU«┐┐°φÑUfÛ;Z ┐┐òfYQ┐┐┐||φ





¬RTEæ¬^az¬ùÛ¬ i ■ ¬BRTEü¬ÑjXéûdÖhfZVBT©üUí&TBàTòhfZVBT©üUí&TBàTòheYVA♦AUP%♦AAPT¶¬UU



☺▷@@☺◆◆|♣▷@²@²@@·▷√±@@@▪♥@▷▪▪▪▷A▷Q@@◀◆IS◀◆▷@D²n▷@@S▷▶◆◆☺▶◆I◀Q◆I@QIIF@Q@PI▷UT

◆▶◎◎◎◎IS▶◎▶©▪♥♦♣▪◎, T\$P\$UBUTU♠A▶◀SQ©◀A◎IS♣♣▶\$P\$T\$P\$♠▶◎◎▪◎; IS©SS©♦T♣▶♣◎▶◎◎IS▶SU

►P@@►♦S@►■►ⁿ@ⁿ@√@►♦►ⁿ@◀@·@◊►@■♣@@◀■

@D@I@D@S@·FE►♦@Q◀◀@P@◀◀Q@@EUP\$U◀I@◀P@AE

④

►

I@◀@P@♣ETU÷►QT◀@S@²t♦►♣\$I@D♣I@U@◊►♣UD◀@I♣@Q@D@►♣U@A@S@U@D♦►I♦U@I@D@I@U@A@I@►DQDA

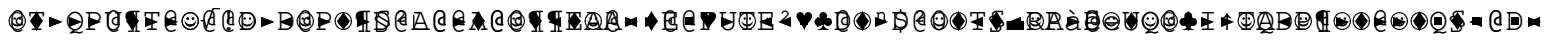


PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (174<esc> (s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (277<esc> (s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (21<esc> (s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (37<esc> (s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (38<esc> (s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (39<esc> (s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (9<esc> (s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (19<esc> (s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (83<esc> (s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (4<esc> (s0p4v0s0b0T	97
	<esc> (47<esc> (s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (426<esc> (s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (437<esc> (s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (149<esc> (s0p4v0s0b0T	101



i@ç0² ♠@√♠@@ @√@ @² ♠A◀@≈@▶√@ !!@@@@T▶a◀·◀♣T▶AE▶@D▶ⁿ◆◆@A

◆@◆@◆@◆@√@■@@√@²@a@Ufzθªθf||δ_ñj||≠XªQVZr&θe¬ðí‡||ÖHªæFZr-bθf¬_ñj||_YÑU■J-fθf¬_û-*-||

☺◀▶@◀☺▶@•♣☺▶A J \ @ U j r U Z Z || Û ^ V U Z j r r u ð r r T Z Z r Ö ↓ Q Q J j r) u U j r T Z Z || Û Z V S Z j r r e U r r U Z Z || Û → V U J j r r e

©D@♦◊▶♦▶◊◊D◊♥A▶@◊▶ⁿ♠@D♦▶▪¶◊©©▶A♦TSTA▶S¶@@ⁿ♦♦▶²♦▶D@♦@²◊J▪♦◊♣@¶UU♦¶T♦D♦@♣@



@▶♦♦♣DP▶♦♦▶▪@ⁿ♦◊☺▶▶≥♦·@▪♠◀♦A♦ⁿ☺▶▶²♥☺▶≡☺▶·ε



@◆◆▶◆◀▪Y⊙▶◆D┆◆◀EAdäb ƒEƒij^aVè·^a¬Ûz◊# «Y·¿n◆Üü▶◆►Üö⊙D²♣D▶►#*Vè·^a¬ûz ƒó ƒQí(Z^a■
i◆⊙⊙Ç⊙0▪~' _▼┆▪┆úizτ┆n^a·W┆▪_▼»·Rúi_≈ ┆δ²K┆┆_/ ▪┆┆πγ_≈ ┆δ²K┆┆_▲◊Üóizτ┆┆n^a·Fû¬Z▲ϕÑò

Q

ñ

♣

§

U

U

U

P

▷D¶◁▷P@◁Q▷@▪CD¶¶♣▷◆▷PSUP@◆▷@S▷♣▷▷@♣DD@▷DS▷◁▷◆P▷TP@▷D♣¶¶◆▷▷▷PP@▷D¶◆▪◆P▷⊙◁¶²▪~Sñ⊙



▶ @EDf ◀ ▶ T♣♣ ◀ @♦ ▪ *Q ▶ \$@D♣♦ ◀ D♦ ♦ @♣D ▶ ◀ ▶ T\$ ◀ ◀ @⊙⊙♣ ◀ ◀ T♦ \$♦ D♣ \$ ◀ D² ♦ QS ▶ ▶ ◀ D♣ f ⊙♦² ▶ ▶ @ ▶ ♦ ▶ T♦ ▶ ▶ @ⁿ

⊙
b⊙

i⊙⊙⊕Ç⊙0√▶▶◊@▶◊◊▶ⁿ@▶▶D²◄▶A▶▶▶P▶◊◊A◊@▶◊▶◊◊²↔@@◊▶▶▶⊙♣dö@ö♣P▶@◊◊@J⊙⊙◊@√▶²⊕AD◊◊·@

◆@@◆@@>A▪A▪▶◆◆▶◆@≤◆◆◆▪!!@◀♣@DTÉ◆@◆◆ⁿ@@·◆|@◆◆◆@°1♣½ûÑRδjU=y}ÛÑjπ[~]■[ÛÑÛ *UEi

◆↓Re<ST@Q◆◆@²♣⊙⊙@ⁿ♠@@▶▶ⁿ▶@@▶⊙▶ⁿ◆·h◆▶DU♣Q~ûªòZÛjòª ρ ù||¬ZòjûdàZòfàª ρ«û||ÛZòzûªàZûj

@@DS %òòQ@@·♥@◆·D√☉►◆ⁿ@@@■◆@@@²@√,◆@ŠÑÑRY~y^Öe¬«¬·^a«^a·JkXjeZ¬Eû¬¬^a«^a¬σZXziZ¬

▶!Bö▶ö◀◆◆@▶~♥@▶▶²▶ⁿ@▶@▶@▶~X@A♣æ||γoδγ→óUAX◀U@◆▶@^aγ·k j i ; n || ÑæíbJûíγ→γiai→^aí@

åYUŞU¶▶▶A▶⊙◆▪

⊙♠ [çÑ^VθμÖv² ¬åYðZÛðZ■σóÖv² ¬†ÛYÑ→ûöZUðÉÿaDT▶♣D@▶◆·⊙@⊙ⁿ▶⊙◆@◀◆²Aⁿ⊙ [♣◆◆

☺▶☺♣D☺☺☺◆▶■
◆◆☺@@■▶☺▶@▶☺☺■▶²▶ⁿ♥▶@√@■♥◆◆~☺@@≥♠☺◆@·≡"☺▶@▶D◆◆◀◆☺◆◆▶@◆☺☺▶♣◆◆@▶■♣◀☺@

☺▶@◆▶@@·☺@▶ε☺≈@·◆▶▶∩♥◆@▶■♥◀▶◆■



@P>@>>@ⁿ♠♦♦♦♦P♦◀⊙◀▶E■▶Uíde→ñò* || yμ|| ; Vç i Γ σ Γ u Û^a ò + = yθ

i ♦ ⊕ ⊗ ⊕ ⊗ 0 ▪ " > ∩ j γ δ ε ² g r ▪ [γ Ö « ε u ~ « j γ δ ε ² w † o ≈ █ y † Δ ² ~ γ τ o ≈ █ u ~ ε j γ ½ ε · f û ▪ [γ Ö « u m Û V z a P · ❶

¶-§-Ö) iaPEæ■-ó-■-K«f || «:¬eQEòZ¬ó¬ee-§-Ö) Y`P♣Ç♣òbYeT¬◀jY%Y P©Ç♣òbXeT¬◀jY%Y▶▶@♣UQT▶

\$ZfZ@UTòàUT■Uñ■%OjfZQUUÖàUò■eÑ%*%j¬jòUU¬àeö■eñ%\$\$VeY@@UA◀P■Td!\$¶VeZ@DDòüUP■TT \$▶

Q

ñ

eE♣E@ ☉^aÖv½▪¬<èXQ♣E@ ☉ÉQê&^aûe¬åYòEF@ ☉öQê!VVUeF↓Q♣FP ☉öæê!VVUeF↑P♣A@
Bòòê%V▪UꞤ

Y

%

♠

◆♣↓♠♠♠♠♠0▪~dEÇ♣▶↓\$@⊙FVE·⊙SüdUÇ◆◆↓UD· . . . FVÇ²⊙UàdEÇ♣◀↓◀@↓VVà·⊙UädUä♣↓◀P⊙♠VE!⊙◀àT♠

F



<⊙♦A<♦▶¶¶⊙P⊙▪~>AYQä>IdPAb>♦UV⊙E♦↓QöIbæQb>⊙SZ<QDYQà>IföQ"▶♦EZ♣A♦↓Qò⊙Y!QAb>SU⊙A▶↓
♣



◆◆>S⊙T⊙U▶♣▶▪◆<⊙◆fS◆D⊙Sf◆▶◆◆♣fS⊙Q⊙f◆▶A◆◆♣◆f◀▶Q⊙E▶⊙◆◆⊙▶▶◀@◆f⊙²◆→▶⊙@⊙⊙▶◆◆◆DA◆⊙

Q

Ⓔ ◀ 1 ▶ ☺ ☺ ♦ ♦ Ⓔ √ ☺ ▶ Ⓔ √ ▶ⁿ

Ⓔ ▶▶ ☺ ☺ ♦ ♦ ♦ Ⓔ ■



► ♠P► ♠D♦♦♣♠ ■ ◀T◀♠►♠♠²♦♠ ■ L♣♠D♦P♠A♠♠♦♣♠ ►◀Q♠♠♠♠D♠♦♦P ■

A♦◀▶▶♦♦⊙▪

♦@A⊙♣D▪@⊙D@EPA▪⊙▪@D@⊙QI⊙♣@⊙@²▶~⊙²⊙⊙♦√

♦@◀♦♦⊙@▪@⊙@@QUDAET♣▪P♦@Q

☺◀@♣☺◀♣DD☺◀▪☺*▶D▶@@◆♠T@▶♠A◆◆◀◆▶A@☺▶♣@♠◆@◀◆D▶²~☺▶◀@@▶◆◊♣♠T▶A@P◀☺@▶◆@◀◆ET◆◀@◊▶◀

◆◀▶@▶◆⊙D⊙√◆@⊙◆⊙◆⊙²◆◆▶▶⊙A⊙²♥▶◀ⁿ

◀⊙ED↑

◆ @ @ @ @ ▶ ☺ = @ ◆ ◊ ▶ ◆ @ ▶ ▶ = ☺ ◆ @ = ♠ @ ◆ ▶ ▶ ▶ √ ☺ ◊ ◊ = ♥ ▶ ▶ ▶ √

◆

D@AT<íP>@°♥♦√♠@>°@·@√⊕⊙▪TD♣¬¬ σÑ>♠ÛùªⓉ

@@>@><>@√[>◆@<◆D◆♣EAöQíTY↓ª¬||äûÑiûσV√ª]iÛ¥ªªªÖû| iûθV√ª]i«¥ª«·Öû| iûσVδªσUÛYª¬||ÖûÑ

ifùμ εòVUZT♦¶²@≥♣♦▶▶♣D≈ ♦♦DP⊕♦D♦@@≤@°⊙·♥⊙⊙≤@²⊕♦▶²♦▶@@²▶·⊙@♦÷@■♥♦♦■♦ε♦·⊙|≡⊕▶▶♦≥♥⊙

F→Fi^a¬jXò\$U◀◆∩

▶▶@A▶☺·▶DA♣▶@@·♥@▶☺±◆◆◆◆|◆²◆²☺@◆D²▶·☺@▶A²▶·☺@☺▪@²◆ⁿ◆◆β☺@▶▪|▶◀☺▶◆◆☺

jÆ¬||¬åÑAHjàA†■▪U AUe¬àòQêYEEV■VÛZRifªàÑRë¬ûàgn½²²¬E■¬?ǎòQèYàEV■YZYQ||evö©Ñ†AAK■V■

U
U
W

8

eaRAY©\$TAD▶DQ▪m▶BàY◀j┐QûÖeëóQUTQRàY◀j┐◀EYeëóQUTaRàÖ◀j┐QûÖeëóó¬ÑóÆò┐j┐QûÖeëóQUT

┌ϕZJV;QVf■V-eVñZZI♠;A■V↓Z┐ZñF

♣h⊙RR⊙FYeVñF■♣!hRV↓VieUñFV

⊙dRR⊙FieVñFZ

T
T

◆◎@↓÷■□▣ ≈√■ ~∩⊥ } {⊖÷■² ∫óBVVY◀EF∩◀É↑áUñXR BVVY◀EF∩◀É↑áÖñXbRj¬¬UVèif fhí¬∣ ∫ªû¬½«fªi

♣♦☉▶♦♦☉ⁿ☉♦♦²♥♦D²} @A@◀♣♦♣QA▶♣♦A@▶DP♣T@QPPUUAQPS♣U♣U☉PUEDA@ID@♦U☉▶A▶◀◀DAP▶ED♣U☉E♣

☉

@@>D♦D♦♦♦@A♦D>♦!!@>@EEDEP♦♦QA@@-▼♦♦♦>♦@♦@DD>A@>♦~>♦@<@PP>ES@EP♦♦E@@@
>♦♦@<♦DD>@@@>@@~>@♦@²!!@<@♦>@@@♦>♦>♦♦@D·
@♦♦>@<♦
♦@>♦²A♦=>@@♦@>♦>@♦>♦>

1♦▷DQ▷☹♣☹P☹▷♦@▪▶♦AAT☹¶A@APD▪@▶♦♦DE◀E◀P☹♦♦@@²

@@>D♦♦@>@■D@²■@ⁿ♣A>D@■@@√@@ⁿ@■♥@@·▶▶◀♦@@B¶♦@¶@¶@¶@¶@¶@P■♦LDTE♣@@AD♦@>♦♦▶DE¶▶Q←
@@>♦▶APTD@■♥A\$♦■♥◀P÷◀▶♦▶@@U@D@Q@>S▶♦▶▶@UPE@U@T\$T¶◀@@@S@♣♣@▶@@♦♦♦@▶@@Q\$²♦@>@Aⁿ~@◀◀♦
@▶@▶◀D@²♦♦

◆D◆◀◆@@⊙²⊙²♥A▶√◆@◆■▶²◆A

D♣ü\$T◀◆·@°◆·♠▶◆▶DD≤⊙■^⊙⊙♣\$→]UÑÑ¬[¿ZVÑ]¬△¬½δσÖñðFVYY■íÑ

▶◆▶⊙⊙⊙◆@▶■@²

⊙◆◆◆⊙◆■Z@◆◆◆B¶Å∩τφγⁿμ _∂íüi r‡Û råôÖj¬Ñ¬Ziª¿h‡■ÛèªÖj¬Ñ¬Zj i r [Z■ °r¬¶



PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (174<esc> (s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (277<esc> (s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (21<esc> (s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (37<esc> (s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (38<esc> (s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (39<esc> (s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (9<esc> (s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (19<esc> (s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (83<esc> (s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (4<esc> (s0p4v0s0b0T	97
	<esc> (47<esc> (s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (426<esc> (s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (437<esc> (s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (149<esc> (s0p4v0s0b0T	101

☺▶▶◆◆♠☺äaUU` \$@@☺@√☺▪♥@☺@√☺☺²

▶▶☺◆♠▶♠@▶◆~@▪ &|| òDû→ ^aVêB\$PÉ▶Qfñ@ç@é@ó@ó@ñ@☺▶♠@E@☺@U@E@▶■@☺@☺@°@#@☺@ñ@ö▶◀fûü@☺@U@é@U@☺
☺@D@☺@A@▶▶◆◆·◆♥@▶▪@·▶√@²♣@◆@☺@ⁿ◆▪♣@@@π@|☺▶☺²≡☺▪◆A▶D@▶▶☺²♠◆@☺▶·♥@◆@ⁿ☺@◆²]◆▶@☺AAQU@

@@>>@>>>^2X@>>@>>>D>I@üQijÛσiV¬f¬||iφδπÑ||¬Ûμ||V ¬f¬||iφδπÑ||¬Ûμ||V ¬f¬||YφUπñζjÛμ||F ||>

♣¥Z▲Γf QEæ"→▶♦√⊙·@▪♠♦▶◀♦♦Aⁿ♦ⁿ▶▪♦⊕@A⊕≥⊙·▶√@·♦²♦·

i ♦ ⊙ ⊕ ⊙ ⊕ 0 ■ ~ % γ 0 ÷ g τ ρ ¶ ¬ ⊙ ⊙ [« » ρ] γ 0 ≈ g ≈ ⊙ ■ ½ ■ · _ ■ ÷ Å ≈ γ √ ■ ■ _ ■ ÷ Å ≈ g τ ρ ¶ ¬ · ⊙ [« ½ ρ Ñ || 0 μ g °

U
W
T
W
T
U
E

♣UX⊙U▶QUaûd¶PH²UL¶⊙U▶QUaûi†æXòUYÛX⊙U▶fÖó^ai†æHò▪U

X⊙U ▶ fUa^aiYæXò ▪ U

P⊙P▶TE◀♣♦▶ⁿ♦A♦@²~♦♠AX♣ZAUU!DETDV◀êE@Y♣JEUS (DTT◀V\$ê\$DY♦Z⊙TUaQDQ♦T◀ê♣@I⊙B⊙TU`E¶T¶T



▶♦A♣♣♣ = 2♣♣P♦♣P♠P♦▶♠A♣♦♦♣T♠♣T♣♦A♣♠♣D▶▶♠T♦♠ = ♣a♠♣T▶D♠T♣♦PP◀♦D♠♣▶♣♣P♣▶♣▶T♠♣▶T♠

☺☺▶▷D@☺☺◆ⁿ◆²A²♠▶▷☺☺²♣@☺◆◆▪@◀☺▶PQ▪

!@#%&'()*+,-./:;<=>?@^_`{|}~

!@#%&'()*+,-./:;<=>?@^_`{|}~

☺☺☺◆◆◆Q◆◆◆☺☺A☺◆◆◆☺☺

♣P♦QQEQ♦♣♦♦@ⁿ▶▶◀PEAD♦@@@@P♦E◀@@▪♦@@♦◀▶◀EA@◀♦♦▪@

i@@@Ç@0²◀·3▶@A▶▶@▶D@D@@@@@♦♦♦@▶D▶E@D▶♦▶@▶D▶@@²@▪

@♦◀@AA@▪♦@▶@S♣@

D@♦@@@▪@♦@@UEà@QA♦♦Dⁿ@@▶@ⁿ@·▶@▶@

▶◀@@aTQ`\$◀▶°@·@@@√♠▶@▶▶◀ⁿ▶ⁿ°Y@Ej 𐄆UûjÖ}↯&@↯ ||ij·ò||fàZòizVû↯↯ij||ò||fûjÖm«få↯↯

SPSS\$>@I>P@A>@>@©ⁿ/©VûR¬Z;¬v¬üTñe\$^aóRFQíU

☺▶◆QQ@E◆@◆A▪▶÷\$◆*j½û\$Za@◆TQ▶♣Dëe%¶☺V¶YQ◆UTQD☺☺◆D≡@▪

V

¶▶◀◆☺◆◆◆°◆☺◆◆◆ΦA²@·♣◆◆▶▪@▪D≥♣

◀◆▶PD@@◆▪◎◆▪DD@@@SAU♠F▶☉ÇQZä■Zí→SYQ¬Ffû→í¬ÜàjYÑZSI◀ÛFfû♠æZ¬Ñ&ÖíZSÖAZVbð◎ÉAP@◆D

◆◆▶♣◀◀◆§@D▪▶≤@▪@▪@≈◆ⁿ◆·@√♥@@▶▪♣@@⊙◆²◆◊°²@·⊙⊙◆≡◆φ♠▶▶◆∩⊙▪@√♣◆@◀▶@▪@ⁿ⊙▶▶◆ⁿ⊙▪\▶@▶@

♣→||μϕeθòVàEÿP@ε♠♦A▶♦⊙J♦♦⊙◀²▶ⁿ♥▶⊙@°♦▪⊙@≈▶≡⊙▶♦▪⊙▪♦@▶²@√@·@μ@▪@±⊙♦≤A√⊙▶⊙⊙▪♦♦@

◆@▶◆☺▶☺◆ⁿ▶²◆@@◆²☺▶▶◆²▶·♥▶▶@÷@√☺◆☺√♥◆▶²☺◆☺◆☺◆▶▶ⁿ☺▶A◆·◆◆◆°◆@◆◆≤◆°▶ⁿ☺|@◆◆♥☺▶·◆
i◆☺◆Ç☺0◆~)i«=Z·=Γú◆zi≤[◆~εγ[·n|n z≤_ n γ ½◆n≤ δ≤o n γ [·γ||δδi≤Z◆«zΓ«V·=◆

¬Vû¬Yç¬Zû*Vòj▪¬@¬VûiYVö■A→SU↓YÑò¿Qòì¶FT♣A■◀U↓YÑòÿQòì¶FT♣A■◀@↓UòUT@üU♦♣P@@♣@¶Sò@
e

T
U
U

W

Q⊙E⊙EVZX⊙ŷ▶Z■▪U~D⊙A⊙EVY¶⊙ŷ▶Z■UÑûDRòSëûZX⊙ŷ▶Z■UòûD◀à◀àVZT⊙ŷ▶Z→û¬¬DRòUëûZT⊙ŷ▶Z■Uòû

© P A M © I H © → © © © T © H U B © © © © E © U → T © P © > ² ; ● © > ♣ © B © ♦ © T D > > © ♦ © P ♣ D © I © T A I > ♦ © ♣ © ♣ © I © I ♦ I D I P = 2

▶A⊙I\$E♣@Q♣▶;I▶▶ASU◀⊙▶DT⊙♣▶P◀⊙Q♣U\$T♣P♣\$P▶@S◀USU♣P♦\$▶@DS♣⊙D♣²L♦@@◀
☒

♠♠◀AA♠♠♦²♠√@ J AA♦♦♣²♠²♠♠♠▪♦, ♠♣◀Q♠E♠A♦A♦♦♠♠▶♠DAAEA♦♦♣♠♠▶♦♠◀P\$A♠ADA²♦♠♠♠▶▶◀A♠▶A♠²♦

♦

♣

D♦P¶@¶D@A@▪‡▶@▶D♦@@@¶Q▶@¶@≈♦√‡▶@DáQ▶ä⊙YH↓¶‡◀@▶♦@√@@▶@▶°♦@▶♦²DⁿD²♠♦@▶√@▪@²

▶ ♠A♣A▶▶P@♦♣▶▪→▶A♣@PS<@♦♦A<▶♠AEA▶<Q@♦<▶ⁿ

IA@▶◆@◆@▶■

◀@#@▶@#@◆◀▶²≤.◆SU◆◀A◆▶I@◆♣T♣S I◀@

©©©D©A©♦▶♣©▪'©©D©U▶AA©◀P♣P©◀©©U▶AAP◀©A▶◀♣◀▶♦A²©©▶©©DA▪♣©▶©A▪♥©A©²▶©AA©▶©A▪▶ⁿ©©A

☺♦♣♠ID▷@D♣♣▪ T♣QT♣♠♦√

▶▶IT<IS@L▶I@QTIP▶I♣@IAPT♦TID◀@@◀D♦@A♠▶TIA◀-⊙I▶@◀I

@D♦@QTASUUTQ◀♦▪~@◀▶TQSETDAD♣A⊙¶◀@@TAD◀DDA@◀A⊙◀A▶EE¶EQPAQE⊙♣A⊙AD⊙¶PDP⊙Q▶A♣♦E♣⊙¶

i⊙⊙⊙Ç⊙0ⁿ◆²⊙⊙▶·⊙⊙◆ⁿ

▶@◆◆▶D◆P²@☺☺☺☺²♠@◆◆@D◆·

©©♦DA▶▶©©©▪PUA♣♣¶▶·©♦▶·♦©▶▶√©♦♦©√▶|©▶A▪
©A▶©©D♦©²▪©▶▶©▶AP♣♣YA†D©©▪©©▶©▶≈©²▶√♦√©²X▶E♦♠f·△Uφ∩ V▪çïµ∩∩♣▪Y∩nU;Z∩VfÛûª∩∩;jR∩
©D▶♦▶♦©A♦²▲◀©©▶A©A▶♦A©VU†UX©A▪©·♦·
▶♦©▶♦♦©²Dⁿ♥▶▶√Y♦◀fÖ∩ª▪ÛJ ▪ÛT↓UU∩δ∩∩)UZVí∩∩Ehi¶
♦♦©AD♦©♦▪♦▶♦©♦▶▶· ©©♦♦♦♦♦♦▪
♦ü†X¶▶▶A▶©≈©▶©ⁿ©·©▶▶©²♦°©♦♦·*©▪R ¶W²e ∆δá♠UVÛ&

▶♣ESQ↓☺e@TP√♥▶♦·♥▶@ⁿ☺▶■

▶♦☺☺▶°SSUYÑnφv∩∩▪μ┌TäUV«Ñm[veð; ^a┌ζRüUU┌e↓VeEæ┌ó┌ζ^{..}⚡

A

☺♦♦@>@D@☺·♦▪P>♦@<@♣♣UJPöZfåàò¬i¬Ñ§Iò) [ó¬nªµòò¬i¬Ñà%ò†JæòZeüEä¬e¬\$EEUXJQöIUæU@<A♦

<♦♦D>☺A>☺>@²☺☺▪♠☺>D▪♦J♣\$E☺@àRUÛèÆë*‡Ñ¬Jj i¬WÜÅ τθ«‡σ¬Zjδ i¬[Û■δτθ¬‡Ñ¬Zj¬ aàR§è



◆@#%&'()*+,-./:;<=>?@ABCD EFGHIJKLMNOPQRSTUVWXYZ [\] ^ _ ` { | } ~ ¡ ¢ £ ¤ ¥ ¦ § ¨ © ª « ¬ ® ¯ ° ± ² ³ ´ µ ¶ · ¸ ¹ º » ¼ ½ ¾ ¿ À Á Â Ã Ä Å Æ Ç È É Ê Ë Ì Í Î Ï Ñ Ò Ó Ô Õ Ö × Ø Ù Ú Û Ü Ý Þ ß à á â ã ä å æ ç è é ê ë ì í î ï ð ñ ò ó ô õ ö ÷ ø ù ú û ü ý þ ÿ

◆◆@>@◆ⁿz@>>QATA%†jU↓||½qjùò[ƒ ûU= m= Ö] ||½u jùò[ƒ ûU= m= ÖY ||½u jùò[ƒ ûU= m<<ÖY

◎>@@@<>@T||>■>◆@<ⁿq>@S@SQifò<<½N½; ƒûRy||WV-½N<< ½N½; ƒûVy||VV-½N<<>½N½φ ƒûVy||VU-½N<<½N

◎@#%&'()*+,-./:;<=>?@ABCD EFGHIJKLMNOPQRSTUVWXYZ [\] ^ _ ` { | } ~ ¡ ¢ £ ¤ ¥ ¦ § ¨ © ª « ¬ ® ¯ ° ± ² ³ ´ µ ¶ · ¸ ¹ º » ¼ ½ ¾ ¿ À Á Â Ã Ä Å Æ Ç È É Ê Ë Ì Í Î Ï Ñ Ò Ó Ô Õ Ö × Ø Ù Ú Û Ü Ý Þ ß à á â ã ä å æ ç è é ê ë ì í î ï ð ñ ò ó ô õ ö ÷ ø ù ú û ü ý þ ÿ

ûPDÉPU«jVíaT↓▪U~PPPU♠T↓⊙PáT↓UUûP@ÉPU♠¶↓⊙PáT→UUûPDÉPU♠U↓⊙PÉT\$UUûÉDòTV♠U↓⊙PáT→UUûÉ

◆▶@◆◀@▶■

▶QI▶A▶▶@S@D@P@N\$A@@@E@A@U@U@E@S@Y@B@▶DE@A@Q@▶@E@R@é@Q@D@Q@E@↓♣Ç@Ů@S@D@Q@X@%Q@S@E@Q▶FP@E@U@S@A



◆SS◆☺◆A◆▶▶▶☺A@D▶▶▶◆D◀◀◀Sf@◆◆◆@◆@

☺♦§☺♣☺♦▶▶■♦

☺◀♦P@◀¶Tⁿ@■m@▶♦◀♣♦@UA▶☺▶☺◀♦♣▶@UQU♣P☺EQ¶¶♦A☺DPEA◀@PA▶▶☺▶☺@@♦DD☺▶♦☺☺▶▶

►©©©◆PU¶@A►▪◆!D@A@APUS◆AA►D◆►AAD@A@►◆◆S►Q▪@XA@P¶◆@@►◆◆◀D◀©D@Q◆◆AA►D◆ETD@A@P◀©A►¶

◆⊙TED@◆♣▪◆@◆\$▶▪PB⊙◀◆◆UET◀▶@◀◆◆E┆@TA▶D◆◆⊙TDPP⊙▶♣⊙┆♣UTD⊙P@◀²┆◆♣EE⊙TA▶┆◀◆◆EU▪@

◆D@☺◆▷D@@ⁿ◀²♥◆◆☺²◆☺☺☺■◆◆◆▷☺√▷·☺▷☺~☺■♣◆◆☺²◆☺◆◆◆QⁿDQAD@S@SUPT▷♣SE◆☺E♣[[UAP²*◆▷♣D@◆[[

◆i⊙⊙⊙Ç⊙0|◆⊙◆▶²⊙⊙◆²♣◀D@▶▪♥⊙◆◀⊙▪6▶⊙◆Q▶▶▶⊙◀⊙▶◆▶A◆@⊙◀◆⊙⊙◆▶⊙▶▶▶◆◆◆T♣I\$@◀▶▪⊙⊙◆²⊙²▶~⊙

◆A▷@@@@▷◆D▪↑◀▶▶◆@A◆⊙A@▪DQIV◀♣D▷@◆@@ⁿ⊙@√♣◆▶▶▶◆▪

☺♣y¥;jûöj¬eDSℓ²@√♦J@▪☺♦@ⁿ

@@♦QQD▷ⁿ@÷♥♦☺■☺√♦²♣@@@▪♥▷@·@²▷·▷σ☺ⁿ☺☺♦·εℓ♦@@▷♦@@@@♦²♥@▷

© ♠ y_YÖπ i ` ÜVÆQ ◀ · ♥ @ @√ ▶ ▶ ⊙ ◆ ▶ A ◆ ≈ ⊙ AT ≤ ◆ † ⊙ ◆ ◀ ² ♥ @ ▶ @ · ⊙ ▶ D ■ ⊙ ⊙ ▶ · ⊙ @ @ ² ◆ @ ⊙ ⊙ ÷ ◆ √ ◆ ◆ ⇒ | ≥



◀@▶P@▶@⊙ⁿ▶■♣@▶A²⊙÷▶@⊙·♥♦@J▶■♦@@▶▶ⁿ@@♦■@♦@°♥▶@ⁿ♥▶@°⊙Σ▶≥@@≥@▶♦√@⊙@√@D♦♦▶A@▶♦@°♥@

⊙@@@▶D@♦▶@¶■@@

◆

@

U
U

T

T

T
T

◆☉↓☉●☉☉●01◀P▶▶A²E%☉DHü²ÖääT▶▶A\$♣!☉DHü²ÖHdDXeAdS%äQ²Ö²äd▶▶Ae♣%ü@HÇ`XPTP▶◀A%S!Ç@H

♣AT\$@<P>D<>D=⊕A♦<▪↓@⊙♦>>⊙A♦<@@▪>²@≥♣@D>ⁿ♦>♦@ⁿ



♣QQPAD@▶▶▶ⁿ

<AA>▶P▶▪3♦☺☺▶☺A▶▶Q♦▶♣EQ▶☺D@▶U▶▶♦A☺▶▶☺A▶<S@▶♦AA▶▪D@<E▶▶☺♦IQ☺A▶<I▶▶♦♣<<

P\$DAATU▶QT▶☉@UA♣♦☉AP▶▶¶P▪

©D@◆☺☺▶◆☺▶ⁿ©²◆²©²♥©©▶▪©♥☺▶◆ⁿ☺©©◆▪©©▶·♥A◆▪◆☺▶

1D1E1E\$◀◆@◻²♥◆◆◻◆· [◆@TQZST@eA@◆T\$ö♣T◀öQY♣T◀e◆@▶◆◆◆DEU♣◀@E@▶T◆♣◆TDT◆D@A♣▶◆◆@

◆@@@@▷D÷♣◆◆@√@D◆◆▪♥◆◆◆²▷√@ⁿ♥@◎▷▪◆◆D▷·~◆◆◆@D◆◆@◎T♣@◆\$◆PT┆◀◎◆◆U◎▷┆DQ┆┆P◎◆@D◆

⊙FP◀UZDU↑AP◆U▪H

☺♠PUSjTIëDQ♦▪☺☺▶♦@▶J♥♦D÷☺▶@ⁿ♦ⁿEP▶E@@♦☺·@·!f^aÖn¬F@UUZ♦X

¶P♦☺H↑H♦F@D▶

◆☺◆E▶◆@◆▶J↓@☺▶☺Pmjz┌=ÿ▶S◆DE◀▶◆◆☺☺▪◆◆☺▶J◆°◀◆◀@◆¶I☺◆D@☺☺◆☺≤◆√◆◆☺▶ⁿ@²♣☺@☺ⁿ▶²♥☺◆·@√☺@

☺▶◆☺◀▶☺♣◆▪@J◆◆φ☺²◆@@☺°◆@◆◀√A²◆∥

▶☺@@☺∞☺@A▪A²☺·♥D@▪▶·☺▪♣A@◆▪R@AS◆QàÑ) dV⁻¹



@ @ ▶ ▶ ☺ ♦ ♦ ▶ ▶ · ♥ ♦ ♦ ♦ ■

♦

W
W
W



©>▶◆◆ⁿS◆◆>@>▶PA@P>@@°~◎<@QPQ>▶¶@>A◎>A◆¶¶@TEQ◎<@>PT¶¶@PDT◎S@PDTP¶¶@DDQ◎Q>▶<◆Q

©T©▶◆◀◆◆²↓▶◆◆IU©U©▶©◆◆©▶◆SD©\$▪

@P<@◆◆E@S▪

@@@PAQ◆◀\$@◀▪♣@@◆D@▪

\$▶◀@@▶@◆ⁿ↑◆▶U@◆@◀

◆@E◆@▶◆√♥@▶Dⁿ@°@@◆▶■

☺♦♦▶◀♦▶♦@²♥▶☹◻♦☺♦@▶◻-@♦▶▶▶◀♦D▶◻☹☺☹▶▶♦D▶D♦♦♦☹♦▶▶T☹☹A◻◻▶◻☹▶@♦¶◀♦♦♣▶♦@♦☹@▶♦T♦@◀◀

◆▷@@D⊙ⁿ♣◀@@◆▪@²⊕@▷◀√ P⊙S⊙@⊙@⊙◆◀▪♥◆▷ⁿ↔♣▷▷@D|@▷@◆◀@@T◀⊙PA▷ⁿ~◆@P♣▷⊙SA▷|A▷▷@T◆@▷D◆

i⊙⊙⊙Ç⊙0≤A▪♦²♦▪⊙D⊙@A⊙⊙▪⊙
♦⊙⊙▶⊙⊙⊙▶▶⊙▪◀♦▶▶⊙▶◀▪ ♦A▶⊙A⊙⊙♦♦▪'▶◀♦⊙⊙▶⊙⊙⊙⊙▶⊙⊙A♦⊙♣↓òeA◀⊙D⊙÷♥⊙⊙ⁿ♥♦⊙√◀°°Q▶♣♣D; i

D◀▶◆V

Q⊙eIQ²▶·▶ⁿ♣⊙▶◆▶ⁿ⊙◆@■◆≈U▶@◀SUV||◀◀Z*ira♣U◀S||◆→¬||





◆ ↓ ; i || μ γ γ 7 - \$ a ⊙ ° ▶] ♥ ◆ DP ▶ | ◆ D ▶ ☺ ÷ ▶ ≈ ◆ Σ ☺ ◆ ◆ ■

◆

$i \diamond \ominus \oplus \zeta \ominus 0 \blacksquare \blacktriangleright^n \blacktriangleleft \ominus V \neg \neg \Pi \cdot \delta \dashv \gg \circ \theta j \gg \neg^2 \blacksquare \leq \cdot \delta \div \Delta \theta \neg \sqrt{} + \delta \leq \cdot \delta \div \neg \circ \neg j \frac{1}{2} \{ \neg \neg \neg \Pi^a \dashv n j \neg j \frac{1}{2} \} \gg \sqrt{\neg \neg} \hat{u} \mathbb{R} \ominus$

$\sqrt{\pi} \|\sqrt{\cdot}\| \cdot \blacksquare \pi \cdot f_{\gamma} \cdot k \blacksquare^2 \sqrt{\cdot} \cdot \text{nn}\sqrt{\|\cdot\|} \cdot \gamma_{-1} \quad \sqrt{\hat{u}^{-1}} \cdot \ll \text{N}\ddot{u} \quad \|\ll^{\text{d}} \wedge_{\gamma} \|\quad \sqrt{\hat{u}^{-1/2}} \cdot \text{d} \cap \text{r} \delta \|\ll^{\text{d}} \quad \gamma \quad \sqrt{\hat{u}^{\text{a}} \tilde{\text{N}} \ddot{\text{Y}} \ddot{\text{O}} \text{E} \text{U} \acute{\text{e}} \text{U} \text{i}}$

◆eTTUŀ\$@D@AP▪UTŀT▶▶d⊕YVåñ`♣UDòA\$P■Tñ%\$\$VeZ@TDòAUP■Td%\$ŀVeZ@DDòü\$P■Td%\$ŀVeY@DDòü\$

◆◆@i☺☺☺Ç☺0°~◀▶◆♣P¶æ◆¶¶◀æòEV¶¶♣♣Q¶ò◆▶◆◀ÉòF■DSÉEQSæP◀¶SæäQ†♣ÉST◆U◆◆¶¶◀É¶Q†@◆É♣Q◆U◆¶

©©©>@>>♦²♦♦©©▪>D♦A♦♦D©©><>·©♦©▪♦♦♦n©©♦©>D©©>♦n©²e<P¶♦E♦DD♦©>♣>♦♦©©T©©©>>¶©¶©T¶>

► @ @ @ @ @ @ A ^ @ √ @ @ @ @ @ @ ² ■ @ @ @ D A A @ @ @ @ @ @ ◀ | A ▶ E | @ · ◊ ■ ~ ▶ | D A ▶ @ @ @ @ @ @ ▶ ◀ ▶ A A ▶ @ @ @ @ @ @ ▶ @ @ @ @

@▶♦♣EED▶⊙P@1²♦♦♣♦ED▪

D@>>>♦♦♣♣AD▪▪·<@>♦APQ♦@@@♣♣◊DEQQU@A@EEUP@DATAE@>@DDP♦@@♦@
♦@@♦<>@@@▪@A>@♦>>>@>♦@D<>@²@ⁿ>>>♦@@♦D▪↑>>>@DA@P♣P<>>♦♦@▪♥T|▪▀D@@♦@@♦>S|PET@Q♦@



▷DT♣S@E♦▷▷·

☺♦@@♦▷▷·▼▷♣♣◀@@P♦P☺▷♦◀♣◀¶A▷☺♦◀▷·♦♠♣◀♦A♦²P▷♦▷♣♦▷@P♦▷@·▷ ♦♦♣♣♦A♦♦♦

UAP

☺♦♦▶▶◀☺▶▶◀☺☺▪☺¶¶♦◀◀SE▶▶▶▶♦²

☺D▶@UA▶▶▶♦ⁿ

☺P▶▶QAP◀♦▪☺T♦☺¶¶D☺SAP

© 2008 by the American Psychological Association or one of its allied publishers. This article is intended solely for the personal use of the individual user and is not to be disseminated broadly.

Vj7 ūR¬j7^aæ%aP♦ⁿ♦☺☺☺~

■ûR¬jπ^að%!RUTφ
☺▶☺A♦@²

☺☺▶P♦D▶A▶▶·☺√▶√▶■@·☺@☺≈▶·☺▶▶■@▶ⁿ☺☺☺·▶²

AV-ϕÑTíUíòfde=

◆◊i◆◊⊕⊕⊕⊕0▪◆◊⊕⊕◊↔⊕⊕Eγτ ≈∩»÷∆μ∆·»·»≈F τ ≈∩»÷∆μγ² ~≈J ≈≈∩γJjμ∆·»÷½τò μ τϕoJjσz||»σÛ
■
S



5

◆

✕

◆

◆

◆

◆

◆

■

UFTòÛ`r↓♣@@▶¶◆▪U~A@æZ`¬n^¶ u¶r∩▪¬ÛÑµÛ`r↓Iüð dTÛiUEPæY`e↓♣AÇ▶T¶VYUAPUPUS♣A@▶T¶VYU

◆_◆@i@Ç@0-◆@~@◆<@XÉUQeÉS>Q>ÿ\$Q<Q@XÇTPaÉSD<X\$Q<TBXÉSQeÉS<@AX\$PTU♣XÉSPeä\$<Q@
◆>◆♣♣>@>◆@√◆@◆@÷◆◆D@>◆·
◆D♣D@>◆>>²
>◆\$♣Q@A@◆>·◆²F♣♣>AP◆DP>◆◆◆E♣D@@@◆@>T>◆E♣<A>◆>

© 2013 Pearson Education, Inc. All rights reserved. This publication is protected by copyright. Any unauthorized distribution or reproduction of this work is strictly prohibited. For more information, contact Pearson Education, Inc., 501 Boylston Street, Boston, MA 02116.

DA@@@>>▪f@a@♣>@>Q@a~↔>A<>♦A>@>@>P♣@P@P@>♦@▪~@>♦>♦>♦@PD♦P@E>♦>♦>@Df♦@A@

Ef<>@>A>♦²0>♦<@

◆☺I<@<@>@☺◆@▪<²A>@☺D<@▪r<A>@@>☺SQ>◆◆<D>@☺I@☺<<>◆◆<<<@>@☺E<P◆◆ST>☺☺I<A◆◆<<>>@◆@>☺

P♦♦D◀☹◀☹E²▶{♦◀S◀▶♦♣♠I◀▶I▶♦◀♣☹I◀◀T◀▶☹I◀♦◀◀♦I♦U▶I♠♣S◀◀E♦♣◀▶♣S♦E☹I◀◀◀◀

@▷D◆◆☺◀◆◆▪

@♦A◀▶♦D▶♦√☺◀▶√♥♦▶°☺▶♦·▶√D♦♦D☺Q☺◀▶P♦◀T☺SeUUS\$D♦f♣♠P☺ESTDAP▶@P♦♠▶♣◀T♦E♠D▶P♦▶T◻

◆☺i☺☺☺Ç☺0j☺▪

ikrfεùûra` ♣♠♦♥√φ@√▶▶▶@²@#@@▶|@≈@@♦·@²♦∩@▶■@²♥▶@±@π▶²@ε♦♦@▶D■@■▶√♦√@@♦♦ⁿⁿ@·ŧ

@

◆ 7 | nZûðehIèê▶±@▪◆▶◆▶@D▶▪☺ⁿ♠◀▶¶IA◆@ⁿ☺

◆

◆◆@◆◆◆◆☺²◆≈☺²◆■☺D☺■☺◆◦☺◆D²▶√☺▶☺·☺²☺☺▶τ@ⁿ♥☺

¶▶▶D⊙A▶@⊙◀▶ⁿ▶²{@A⊙▶◆▶@Td&Ûùj#]. FÛ·Û||y··zη fùn||] ~ FÛ·Û_y ·jη fùn||] ~ FÛ·Û_i··jη fùj||]n

▶▶▶♣♦▶⊙♣♦♦♦²▶·rD▶◀U&Re↓+òi} ¬ZÜZkε»{½^am»μi} ε¬ZÜZkε»δ½^am»μi} ¬ZÜZk«»{¬^am»μiy¬¬ZÖZ

◆@@▶◀⊙⊙◆²~U⊙◀`\$|¬åYVUZ·⌈wÿ| zÑ||û|»ûYZUZ·⌈wÿ| zÑ||û||»åYZUZ·⌈wÿ| zÑ||û|»ûYVUZ⊙⌈wÿ| jÑ||û|

ⒸD▷◆Ⓒ▷Ⓒ◆Ⓢ◀▪♥A◀Ⓢ²ⓈⓈⓈA·¶Ⓒ♣▷ⓈⓈA◆Ⓢ◆Ⓒ◀DidVi▪ ,J||jjjkù«μªjÛ- δ Jηjjjòù«ªjÛ- δ Jηjnjkù

©◀D@P@▶ISQ▪@◆PE©©◆▶D©©·♣▶▶◆φ©≤@ε@◆◆=⊖A©▪@ⁿ♣▶@©·@·▶◆·@²♥@◆φ∩◆≤S◆◆@▶©◆@◀▶◆▪▶♣7@

◆i◆☺☺☺0ⁿ☺D▶²◆▪~Và○ᳵññ} ñ o»■ o †△ ᳵ°ñ~ ñ o»■ o 𐌹o ᳵñŃᳵᳵ»√_»𐌹||Z√†o^ajñεᳵᳵk½ZnÖ-



@♣♦AUAD@PPQⁿ

♦A♣QA♦D◀U▪, @@@SQAA▶◀@@@AA@D◀U@♣@▶A@P@Uⁿ

♣@♣AA@Q▶Q

▶▶@T⊙P◆▶·♣▶@D⊙◆→@▶◆·▶²◆◆◆⊙◆÷D≈♣▶@▶|▶²⊙◆◆ⁿ◆ⁿ◆▶|◆÷♥◆◆≈

@@|⊙|◆▶@▶■

◆▶@◆⊙@◆√

▶♦▶▶▶☺▶♦·♦²☺√♦√@▪♥☺@▪▶°~☺A♣T▶¶▶A☺♣E♣AAPSd☺S☺↑PUQ☺T@♦AàQ♦TS¶▶DTAD♦A@P♣T▶◀▶AE♣☺♣▶🌐

◆i⊙⊙Ç⊙0n♥◆▶▪"▶▶@⊙▶A▶▶▶D◆A◀▶◆▶▶▶◆²^D▶E¶@UQ‡%ÆñÛμFÿFÑ¿n∩z∩ÛW||ù| ½j▯^aÑ||n<<z∩Ûg=◆

© 2014 Microsoft Corporation. All rights reserved. Microsoft, the Microsoft Dynamics logo, and "Your business. Our passion." are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

◆▶▶◆☺◀◀@◆◆▪~☺◆◆◆@@1@E▶P♣◆A◆▶▶◀@äS^ra^r|| f^aV«û^r||fÑeθU·a^r|| f||V«Û^r■çÑeθU·a^r|| f^aV«û^r■çÑe

PQPS♦A⊙I▶♦DSS⊙²@ⁿ♦J@ⁿ⊙▶♦·♦▪♥@♦≥⊙@@·²@⊙⊙°♣⊙♦▶√♦²♠@♦▶▶²⊙⊙⊙⊙J♦|▶²ⁿ⊙⊙@@²♥⊙⊙▶@▪⊙@◀

ÉÓYDΘ●Q@0ED◆A◆@ÖUDBÀÀTfZð↓y@+ÿ▶èjσçδπγY)ÇÑËUÜÖÉSPEBSHÇENETSSÁFÉAEØVöþU@«SS▶

@

■



◆◀ⓄⓄ◆◆▶▪&D@▶▶◆@E◀@▶▶¶P¶◆▶▶ETA@▶▶▪◆²

EQE@P◆@▶¶▶◆◆▪

Ⓔ ▶ ⚡ Ⓔ Ⓔ ▶ Ⓔ² ♥ Ⓔ Ⓔ ¶ ◻ ☺ ▶ ☺²

©©©E©▶◆DE©I© = 4©©◆◆◆\$◆©E©◆©◀◆◆◆\$◀Q©D▶©©D©©◆I I U©◆©©©D▶©◻↑\$D◀©©©T©◆I◆©©◆©²♥©◻°©U◆◆
◆▶\$◆◆▶I©◆©©P©◻ID©PDD◀©◀◻

◆T@>P>@Q▪◆♣◆♠>P@≈@▪@◆@▪M◆@EAD@AAUU<P>◆@E◆♣@AUUSP@♠

◆◆◆@◆◆◆@▶▶■◆◆D◀◀■◆◆■

◆◆@>>@@◆◆▪>²☺☺>>²◆◆▪ T◀◀D☺@>@²☺◆E◀◀♣◀@>▪>A☺☺◀>SUQT▶◀☺◆◆▪I@◆▶
▲

◆▶◎▶◆◆ⁿ~@◀◆♣♠◆◆▶◆AS@▶SPPQ◆♣♣☺♠USA▶◀PD◎◆☺◎◆▶◆D◀P▶◀@◎D♣◆◆@▶E♣@◀@◎DA♣◆◆◆▶▶DS▶♣P@◆

▶◆◎◆@▶◆AA▶▪g▶◆▶▶▶AA◎▶D◆D◀◎▶▶◆@◆@E◆@◆◆P◀♣DP▶◆PA◆E▶◆◀¶◀◎◆P▶¶▶PDEP◆◆PA◎D▶◆◆◎@DAP◆◆

©◀◊▶◊◊◊² (IT◊▶◊SEP◊U◊IU◊SEP◊P▶D◊◊D·◊▶◊◊◊ID◊²◊◊◊◊D▶◊▶◊D◊▶◊◊E◊²-◊◊◊◊◊◊◊

i☺☺☺Ç☺0 · ▶ |
☺D♦@@ ■

▶
@

A@◆◆◆@▪@▪DªZ◀@◆@@E♣RDUÛújQRyIzñZå«Z½åÑŔ kUVy}ÛÑk¶»Z½Ûσ■δkUVy}



A→Ñjò½YzÿeEÛXD°@·@@◆@▪D≤♠◀DD@τ@A@√▷ⁿ@@÷♠▷@@@∩@ⁿ@▪◆≤@@◆∩◆≈@²@@ ▪▶@PE√@◆◆ⁿ@·

D◀¶@

◆D@☉♣◀◆D▶▶@☉▪~◆☉◀▶◆TPATU■

Γ^aΘν || δ Γ≠ j Γ r[¥]aügzΘ^aΘν || δ Γ≠ j Γ r^XaügzΘ^aΘν || δ Γ≠ j Γ r[£]aòwzΓ^aΘν || ☉



◆◀◆D◎◊▶▪~◎@◆◆◆@▶▶◆◎▶▶▶@▶◆◎▶◀◆@¶▶◆◎¶@ÉfiVç i ; σ|| uRt|| r k= y ÷ ¶ i ; Vç i ; σ|| uÛ|| r += y ÷ ¶ i ; Vç i r σ¶

i◆☺☹☺0ε~U½½·n||σ·@ðS♣AY@☺Uû◆PIA@e@US♣AY@☺UVPIA@e@US♣AY@☺UûEPIAA-P- *Zâ◆☹◆◆@Ñi@☹◆

W

U

◆→i⊕⊕Ç⊕0÷‡◆◆⊕D◀¶@P▶◊D◀◀◆@D▶Q²◆▪

@D@◆◀@@◆-♥◆◆☺-@☺-‡@▶◆DD▶@@◀▶◆@A◆◆◆◀²▶▶D☺@◀◆A

◆♣♣@▷D♣@A@☺▷²

▶♣♣▶◀◆◆☺☺▪↓◆@◆@▶♣AD@@▶◆D♣▶◀◆◆▪☺☺▷√▷·*◆▶AE◀D◆◆▶A◆☺I♣♣PEQUT◆I◀E◀UT\$I◀E

PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (174<esc> (s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (277<esc> (s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (21<esc> (s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (37<esc> (s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (38<esc> (s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (39<esc> (s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (9<esc> (s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (19<esc> (s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (83<esc> (s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (4<esc> (s0p4v0s0b0T	97
	<esc> (47<esc> (s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (426<esc> (s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (437<esc> (s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (149<esc> (s0p4v0s0b0T	101

T▶T@PDT◀▶⊙⊙T⊙T⊙PA▶D²

Q>Q>Q@P>T√♥>◆·<@<▶A@ŠeQQ@◀YITQ♣VPÇD▶ëeQP@T@◀¶▶◆\$UUQ@◊Q@T



☺A>A◆▶◆◆☺■▶☺◀²■▶▶☺◆@◆▶@D◀▶☺■☺@▶ⁿ☺◆◆ⁿ◆ⁿ♠@☺◆D◆■◆ⁿS☺▶TD◆▶◆◆☺|@◀U☺AUP|T♣UUP◆\$UPTD\$T♣♠

P♦♦☹▶☹♦Q☹◀☹♦²

¶♣◀♦A☹♣GA¶☹▪

©♦♦IA▶◀♣IAT©▪

D♣♦S⊙▶S♣Q♣DA▪L@⊙⊙♣S@P◀♣AA♦A@A♦♣◀A▶▶⊙QA◀⊙√

▶▶@▶◆◆▶◉◄◆ⁿ◉▶²♣▶◉◄▶▶◆▶D◉ⁿ♠◆◆²◉◄·▶|g▶◉◄◉D▶◆◄◉S◆▶I◉IPI◉◉◉E%T◄ASD▶Sä↓PI◉TEED◄◉I◆D\$

@E♦♦♦♦♦²@>²@♦D▪l♦@♦♦>@>A♦♦♣F▬dEF>æQÉ♦UF♣↓B▬%♣FSQQÇ♦TÆ♦IF▬dSV¶òQÉP◀♦♦♣E♦S♣T¶IQQ◀

◆♣♣\$@◆E||²♠P\$♣@▪♣▶A◆ⁿ)D◆◀▶⊙◆⊙▶A◆▶\$BDRÿE||♣◆P||UUP▶URPQê▪♣G◆▶||UVQ||UR▶ABÿ\$||♣P||U@▶▶◀

AE@◀@▶▶◀◆@▪♥@⊙◆ⁿ

i⊙⊙Ç⊙0ε⊙◆▶²▶²▶ⁿD⊙⊙◆D⊙⊙▶⊙⊙⊙²⊙⊙⊙◆◆⊙⊙♠SUEISSJÜ⊙⊙▶=⊙R♠ŠV⊙◀⊙♠A⊙⊙⊙⊙iAR⊙⊙⊙⊙♠Z\$⊙

½¬μ^a · û¬¬VðÑU@♦²A ·



@♦♦@▶■♦♦²☺▶²⊖⊖√♦²♥▶J♠▶♦♦▶²♣D♦♦♦■@▶²☺▶⊖÷♣@▶♦▶÷@■@■♦♦♥♦♦■

<D>⊙⊙▶▶◀⊙▶⊙◻⊙⊙◆|◆◻f⊙⊙▶♣▶P⊙P◀BUJAZ◻VÖ⊗û·Rû■n⊗½°½ò◊ VÖ⊗û·Rù■~⊗δτ»ò◊ VÖ⊗û·fû■n⊗½°½ò◊

©♦♦©☺▷D©♦ⁿ◁D@♦♦◁▶♣♣▶♦☺♦▶◁▶≡☺♦▶@ⁿ [♦A♦PUa&óÆ∇|| ∇ç || ç-f f½ √|| √ ·Û ·∇-½||½-f f½ √∇∇ ·Û ·∇-½||♦

♦

▶◆◆◆D◆◆▶◆◎▪◆◆▶@◎²◎♥◆▶ⁿ~@◀@P◎♣◎▶DA◆▶◆◎♣AT◎♣DS¬¬SÜiÜ▲]Ⓜ

☺▶◆▶@▶☺@☺▪k◆◀D▶P@TE→ó¬jVΘVû Z^oσδûiz°¬jVΘW⌈ Z^oσδ^aiz°¬jVΘW⌈ Z^oσδûiz^a¬jV⌈Vû¬Z^o^ñ

i ♦ @ Ç 0 ≥ ~ @ \$ \$ Ñ \$ ò Z % ò P D ◀ % i ü @ \$ ♣ Ñ \$ ä Z % ò P D ◀ % i ü A \$ ↓ Ñ \$ à Z % ò ` D ◀ % i ü @ \$ \$ e \$ ä → % Ö P D ◀ % i ♦ ü E ■ Y || * ò o j ⤵



A ◀ ▶ ▶ @ ▶ @ @ ■

@@@>@@²H♦♦@>⊙UTÉ↑♦>PTPS¶<üöE>UTä

♣@UPU♦⊙æU♣TATö ♦¶@UP⊙⊙DP\$PT♦¶@UPS♦⊙A♦>
●

◆◆▶▶◆◆²☺▪♥☺▶±Y◆@@▶◀@▶◆@P♣◀@VbV@å☺TT♣Q@TU@T▶☺☺|P☺D◀PP☺PAD▶P◆☺☺▶◀◆▶◀▪▲◆D▶☺☺▶U

♣◀▶PA▶⊙P⊙▶♦²ST⊙♦P◀D⊙▶♦ED◀⊙♦²P▶⊙⊙▶⊙⊙▶⊙⊙♦◀⊙▶▶¶SQ⊙àQFU◀AæE¶⊙◀¶YQ♣àQED⊙◀AéITE▶¶↓QAà

◆@▶@◆▶@◆■◆I⊙◀S◀⊙F\$ (ê◆■I◆◆DE▶S◀FA

S†ê♣■↓◆◆S◀U⊙F@◀S♣◆

◆◆SD▶◆⊙@⊙D♠♣▶⊙◆⊙



▶ ⊙ ♦ ♣ ⊙ ▶ ⊙ ⊙² ♦ ÷ ⊙ ° ⊙ · ♦ⁿ ⊙ | ▶ √ ♥ ⊙ ▶ ■ ▶ ≈ ⊙ ⊙ ▶ⁿ ⊙ ■ ♦ ⊙ D ▶ⁿ ♣ ⊙ ⊙ ▶ · ♦ μ ⊙ · ♦ DD ▶ ♦ ↻ ⊙ E ⊙ · ⊙ ⊙ ▶ ⊙ ◀ | ▶ ⊙ ▶ ♦ ⊙² ▶ ⊙ ◀ ▶ⁿ n ⊙ ♦



@D◆@◊◊◊◆@S◊²Z@▶▶◀A◊Qèí¬ fRÛ¬·‖z*¬V◊ηRᵃ‖·fRÛ¬√·zj◊Z◊‖Rᵃ¬·fRè¬√·y j¬V¬‖Ûᵃ¬ fRÛ¬½¬y j¬◆
@

♣♦♦♦Q@εδ▷δ@ ☺▷⊖√♥@σ@°▷≈♦▷☺♦ ▣▪▷☺♦@▪☺▷◀ⁿ♣◀▷▷A▪☺▷♦ⁿ♣☺♦♦@☺▪☺▷@☺²♣◀♦@@²@ⁿA▷▪☺▪

◆◊i◆◊◊Ç◊0≥~QRUUQäQ

↓Ö@IeQP◄AUQQÇP♣SU@IUQPaRUeQäQ

↓Ö@YfðæaRUfaäQ

↓Ö@IUQÉb◆

U

PP&I) ëèHU♦DUÇ▪◉▶@°♦≈♥@à\$ù▪ ~J||Jn■ Δnz» |j#nn JfJj■√znz» |j#n J{·♦Eª\$Û\$Uà♣évze`◀ás

U
U

d
d

~~U~~

T

▶☺♦☺♦◀◀Q▪▶<@☺♦E▶♣P◀▶@☺P♦A♣EQ♣◀@▶☺☺▶☺♦ED▶Q☺◀▶@A▶@♦♦◀IQ@▪▶NAP☺♦♦SE☺☺Q▶@D@♦Q

◆@♣♠E@F▷♠▷◆♥@@ⁿ@².◆à@R♣@YíX¶YD†@♠◆@üDRYA†T@▷◆@♣@Q@XT◆¶▷▪
@▷◀@D@◆²@²▲@@◆◆▷◆@▷@◆◆@▷◆@@◆@@▷√▷²@◆▷·@·@▷√[@◆▷T▷◆◆◆◆@P@▷A¶♣U@¶R

☺♦@☺▶@♦♦@♦D²@²♦▶◀☺☺²☺♦☺²A▪♦√♦·☺≤A²♦♦♦☺²@ⁿ☺=Q♦▶♦◀♣S♣Q♦T♣¶ITQPESY♦üU♣T♣U▶▶@ASQ♣☺ED☺

▷@▷◆@◆▷▷A·@@@@◀◆▷▷◆▷AD⊙▪@√~@S⊙◆¶P▷⊙▷PPSUU♣U¶ÉPàYB!@D`S◀SU

USP▷♣◀P⊙DP◀▷EQ♣♠

◆@@P@#@◆▶▶#▶@#◆@B@G@U@▶@#V!S@V@T@Y@H@P@S◆@#P@V@A@Q@I@A@I@H@P@#@H@S@#S@E@S@E@D@#A@#E@E@#

<@♣♣>>♦◀▪<@DSæEñ>Pü⊙Y¶↑SAT♣A♦É>>Ç↑YHY◀↑S◀HUàUñQ>Ç⊙YH↓>⊙⊙♦⊙⊙D¶¶>>Q♦▪>⊙D▪⊙>>²⊙@⊙⊙¶
>♦D@@♦@>·♥@@>√~>♦>D@@A♦A⊙>♦DD♣¶⊙>@@AUDAP>EUET@EPPUUEAP¶UUEU⊙⊙U>@E◀DAP¶@¶♣◀⊙A>DSD

▶▶⊙◆◆◆A◆@■☺▶√⊙◆ⁿ⊙@◆°◆◆@²◆ⁿj◆◆◆D♣▶◆D◆@◆◀◆▶◆@◆◆D◆Q♠♣♣▶◆@◆D◆@◆◆◀T◆S⊙▶◆◆◆⊙◆D◆S◀◆

☺▶☹▶▶¶·

@§▶▶◆Aσ··☹ⁿ◆]▶·◆²☹☹·▶ⁿ☹°☹°▪▶·☹☹☹▶≡☹▶☹▪◆▪☹☹▪☹A@²¶D☹▶◆▶▶☹◆☹☹▶☹▪♥♣☹EP²♣◆◆

¶E⊙⊙⊙A▶◆▶▪⊙p◀⊙A⊙DÑV¬||σû^Ûj⊣eσYμzYÑû¬·σû^Ûj⊣eϑYμzYÑû¬||σû^Ûj⊣eσYμzYÑû¬||σπZÛj«eϑYϑ

T◆◆◆▶◎@IQüU▪Tz||جرؤ جرفεUفZن√ z||جرؤ جرف«UفZ .زفجرؤ جرؤ«UفVن√رzzجرؤجرؤ«UفV ر6◆
▶◆◎▶@▶◆◆◆²◆@▶\$◆◆`◆▶◆▶◎@R\$I&ªëجرؤ||»ؤنننقفؤؤ||÷جرؤ«ف»ؤنننقفؤؤ½÷جرؤ||»ؤنننقفؤؤ||ؤجرؤ
◆◎▶◆D◎@▶°@▪◆▶◎◀@▶@◆◆@·[▶◀@▶DD◆◎◀A◆IUiNRòVRª½μφ¬k¬ª }_RòVÛª½μφ Ök¬ª }_RòVÛª½σÖ-



i ♦ @ Ç 0 ▣ ▶ ° ♦ · ~ \$ @ A ♣ Ö ◀ @ Ö U j Q Ñ ↓ i R ▶ \$ @ B ♣ Ö ◀ @ Y P \$ @ P \$ T @ ▶ \$ A B ♣ Ö ◀ @ Y U → Q d S h A ▶ & A B ♠ ◀ @ Ö U Z Q e S h R ◀ j R

ⒸⓂA♦◀▶♣ⒸⓂQAPPAⓂ◊▶♣▶♣ⒸⓂ·ⓂⒸ▶²Ⓜ²Ⓜ◊Ⓒ√GⒸ♣♣TTⒸF▬VⒸ&ⓂE↓AQⓂTⓂEF♠VE▶▶E◀QQⓂdⓂⒸ♠FRⒸ▶♦◀▶T♣◀TⓂ

☺♦▶@▶▶☺▶☺▪+D▶¶@▶¶URüE¶▶\$VaTPÿØU◀DD☺ D♣VaTPÿØUADP▪L♣UUTPêU↓▶@☺♦▶☺☺T☺D@@D¶@☺D▶▪

i@#@Ç@0Φ▶▪@@▶▪@@°@▶▪@◆◆@P@P♣DA▶@▶²◆√@▪n@@◀@◆ö

Û¿«Ukògfd kJÑ¬ϱε∟▪Ûk FgRò jJÑ¬ϱ

ⒺD▷DT¶Ⓔ▷Ⓔ⊙·⊙⊙⊙²uⒺ♣♣Q↓Jærn^aμÑÛ i-ÑûiÑmO^a⊙||μÑrδi-Ñûi-^a⊙||μÑ[⊥]δi-ÑûiÑi [^a ; n || μÑr-i-⊙

☺♦♦♦☺♦♦♦▶◻▪6☺☺♦♦♦☺¶▶U♠ÛÛuUY¬¬UojU^ajjk^a ruyY«¬UojU||jjkμ ÛuUY«^aU [jT^a▪j^a¬åeUU¬^aU→jTñ



◆◆@>@◆▶■♣▶◆@±↑◆◆◆◆◆DY▶▶◆@≈.◀D▶@@◆◆S↑→Yjå||¬¬UV||òθ¬j¬k^jû≠¬UV||òθ½||¬ *Ziû■¬ S
UU

i♦⊙⊙Ç⊙0δ⊙PT/▪ ~·= ·√f«nçÉPTSUU¬ádÑñU♠¶S⊙PáTSPEVPÉPU♠T↓⊙ÉáT*UV¬ádòTV♠Y↓FÑÑ¬o¬¬ Jë

♠

Q

U
U

U
W

U
P
P

U

◆♠S▶◆AP♠♣²ZP▶♠QQ▶◆♠◆Q♠▶◆A♠E♠♣♠◆U▶♠♠♣A♠T♠♠A♠▶◆♠E◆▶◀P♠E▶♣▶D▶E♠♣◆Q♠Q▶♠♠▶◆♠P▶◆▶P♠D▶
♠♠A♠DD▶♠◀▪▶A♠P♠◆♠Q♠♣◆▪♣▶♠♠♠A◆▶◆♠A▶T◆▪◆♠A◀◀◆▪'QT♠◆♠♠A♠♣▶E▶◀P♠♠◀♠♠A◆▶◆♠♠♠DT◆♠◆▪♠♠♠

☺▶@☺☺@☺²♣@◆☺=☺▶@~☺▶☺÷U☺☺◆☺A◆E@◆◀SATEaI|SEF

T↓D↓EU@QAaH|☺|@◀◆@◀D|☺▶A@◀◀@◀@♣♠

©>@>>©D·©>@²>>©J ©>>DP<>P♦▪\>>♣♣>DTP<@<♣©DE>>EP¶EPQPQ♣AUE♣EP¶Q>>©>©>©D>>D>>E●

©©©©♦♦■ ■ | ©ⁿ©©©ⁿ ~ P < ©©©♣ © > A ¶ © © > ♣ ♦ EDA ♦ AP © P © © ♦ > © P S Q T ¶ ♣ Q T D T ¶ © ♦ > ♣ D ¶ D © ♣ Q P A E D © > E © A ¶



☺♦▶▶▶T⊙ED◀♣▶▪

A♦@@>>@@@n@>>♦♠>>@♣>>↔A♦>>@>>@@♦@<@>A>TT>I>@S♣P@>Q>DI>♦@@@@@IPQ>>@@@@@♦@D>>D

i@@@Ç@0μ@>@▪♦²♠A@>▶@²@D@ⁿ♦²@@♦@♦A@>▪@▪q@@♣AQEAS«ÑnfY᳚ jù]r||ùiv᳚ÑnfY᳚ k_ù]r·ùiv᳚I

▶◆◆▶▶@▶◉▶◆◀▶▶◆◆♣◉♣▶◉²t▶◉D◉◉&UáU→†ûrZreΔyryn√ù òZ■r||^riΔy«||nqù òZ†û||Zri~zr||nq

ISU♦♣▶▶♦▶⊙P⊙▪♦◀♦⊙J▶≤⊕▶⊙²♦▪⊙▪⊕▶▶ε⊙°⊙▶▶ⁿ▶²⊙ⁿ♥♦⊙⊕±⊙√⊙²♦◊°⊙²♦≤Σ)⊙▶A◀▶♦⊙⊙⊙▶▶⊙▶♦♦⊙⊙▶

◆▶@◆◆▶■☹@ε▶·☺°n▶·◆°@≈

D▷A▷⊙D♦♦♣♣♦♦◀▶⊙▪D♦♣A⊙D♦♦▶A♦▪t⊙⊙♣◀D▶▶◀A⊙♣P⊙AUU¬; ÷U¬δ√Γ◀◀δ ε√

D
♣
♣

♣I♣♦◀S▶♣♣²⊙⊙▶≥♦F⊙▶♣≥♥♣♣J⊙⊙♣ⁿ▶°♥♣♣≈♣δ⊙÷⊙⊙°‡⊙♦♣E⊙▶♣▶♣♦♣A⊙▶√♣♣♦♣♣♦♦²♥♣⊙⊙▪

©©©©▶@°♥©▶·©·◆≥♠◆◆J♥@◆@√©©@■√♥▶◆© ©©◆©D@◆@◆I©■@▶◀◆▶◆·♥▶@◆÷▶▶P©VDEU©I▶@≈9◆©©©©

☺▶A▶@◆@▶◆☺▪L▶◆@▶¶BUEEPUE◀◆◀ü\$àH¶aRSEUD\$D⊙D⊙PUàATaR\$♣ET◆¶@QSE@¶\$S♣E¶S⊙@◀◆@◆◆@D

▶▶▶♦☺☺☺▪♥@♦▶∞♥♦@·@°~◀@D@S@A♦@▶◀AQQ♣QD▶@UàT\$@H@S@A@Q|E|T|T▶@S@E@P|A@Q▶@P▶▶E♦@@▶@|@@|@♣D▶@
@@♦◀@@▶@²@±~D@♦|P♦♣♦▶T@P◀U@S▶P@òU@TÉP@U@Q@Q♣\$@U@P@àU@P▶▶T♦♣@A◀A♦◀▶♦♦P▶@E@P@A◀A@♣▶D@P▶E♣
@D@♦A▶@◀·@▪ ▶▶♦▶☺☺☺♦▪Dⁿ♣♦@@²♦ⁿ♣▶▶@@▪(D♦@▶▶♦◀@@|A♦E@F`◀T|♣\$E@ü UU♦E@P@A@

↑
T@
@

PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24703T	58
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b24703T	59
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24703T	60
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b25093T	61
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b25093T	62
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b25093T	63
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b25093T	64
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b45099T	65
ABXΔEΦΓHIΘK AMN ΟΠΘΡΣΤΥςΩΞΨΖ	<esc> (621<esc> (s1p4v0s0b16686T	66
ABXΔEΦΓHIΘK AMN ΟΠΘΡΣΤΥςΩΞΨΖ	<esc> (621<esc> (s1p4v0s0b45358T	67
👨👩👪👫👬👭👮👯👰👱👲👳👴👵👶👷👸👹👺👻👼👽👾👿👀👁👂👃👄👅👆👇👈👉👊👋👌👍👎👏👐👑👒👓👔👕👖👗👘👙👚👛👜👝👞👟👠👡👢👣👤👥👦👧👨👩👪👫👬👭👮👯👰👱👲👳👴👵👶👷👸👹👺👻👼👽👾👿	<esc> (18540<esc> (s1p4v0s0b31402T	68
☆✱✲✳✴✵✶✷✸✹✺✻✼✽✾✿❄️❅❆❇❈❉❊❋❌❍❎❏❐❑❒❓❔❕❖❗❘❙❚❛❜❝❞❟❠❡❢❣❤❥❦❧❨❩❪❫❬❭❮❯❰❱❲❳❴❵❶❷❸❹❺❻⚔⚕⚖⚗⚘⚙⚚⚛⚜⚝⚞⚟⚠⚡⚢⚣⚤⚥⚦⚧⚨⚩⚪⚫⚬⚭⚮⚯⚰⚱⚲⚳⚴⚵⚶⚷⚸⚹⚺⚻⚼⚽⚾⚿	<esc> (460<esc> (s1p4v0s0b45101T	69
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s3b4099T	70
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v1s0b4099T	71
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v1s3b4099T	72
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4102T	73
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s3b4102T	74
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v1s0b4102T	75
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b24579T	76
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s3b24579T	77
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v1s3b24579T	78
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s0p4v1s0b24579T	79
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (14<esc> (s0p4v0s0b0T	80
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (206<esc> (s0p4v0s0b0T	81
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (302<esc> (s0p4v0s0b0T	82
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (341<esc> (s0p4v0s0b0T	83
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (373<esc> (s0p4v0s0b0T	84
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (405<esc> (s0p4v0s0b0T	85
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (53<esc> (s0p4v0s0b0T	86
ABCDEFGHIJKLMN OPQRSTUVWXYZ	<esc> (78<esc> (s0p4v0s0b0T	87

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(174<esc>(s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(277<esc>(s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(21<esc>(s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(37<esc>(s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(38<esc>(s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(39<esc>(s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(9<esc>(s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(19<esc>(s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(83<esc>(s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(4<esc>(s0p4v0s0b0T	97
	<esc>(47<esc>(s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(426<esc>(s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(437<esc>(s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(149<esc>(s0p4v0s0b0T	101

♣♠TA⊙A▷@@♦AUS▷AA@⊙▪▷E@▷♣ADU▷A⊙A@▷@@▷⊙⊙ES▷PA♦⊙▷P▷♦♠IT@A⊙▷@P♦⊙T♦@A⊙♦▷P♦A▪⊙T♦ⁿ⊙@⊙·@

◆A◆◆◀▶@▶√

▶▶◆☺▶@√☺▶∩⊙▪@ⁿ☺@▶²C☺P▶◀@◆PT◀♣◆◀@@♣▶◀♣A¶◀USQ@P♣@▶◀@¶PP◀U♣♣◀@@♣PS

▶☺▶☺@▶☺◆▶²J☺▶◆T◆☺EP¶%↑B◆Q (♠E&QTS☺E▶¶S▶♣E&YQS♣RP¶\$X☺◆♠U!EPS☺A▶☺▶@P☺U☺A@◀☺☺▶◆ⁿ☺

☺▶☺♦♦☺▶▶@²Dⁿ▶·\@▶♣♦♦♠♠D@♠♠♦▶UUA◀◀@QE☺♦♦♣DUUPS@♣P☺▶Q♦♦E♠♠U▶\$◀▶♦@D@◀♦☺D♠◀◀

☺☺♣♦♣♦♣♦♣♦ ▶ dD\$äQ-ûðÑ-UVeðû |Γ j ·Û«ûÑσ-UVeðû |Γ j ·Ö-ûÑÑ-UVeðû |Γ ° j ·Ö-ûÑσ-

D♣♦♣EQ◀TD♦♦▶♣A◀PDP▪☺≤▶▪▶▶|▶|♣·☺·♣▶▶♣°▶√☺♦²☺♦☺÷▶ⁿ♣√♣♦∞▪Γ♣♣♦Aⁿ♣▶♦♣▪

◀▶▶◆D⊙⊙ⁿ♣▶⊙◆◀▪n◆◆A⊙▶⊙⊙◀@@◀A↓↓¶j┌||ÜÜkZ«^aiδûûPmj j«÷ÜÜkZ«^aiδûûPmj z«||ÜÜkZ«^aiδûûPmj j ;

ⓈⓈ▶ⓈⓈ▶◆Ⓢ◆ⓈⁿA■Ⓢ▶◀◀Ⓢ▶Ⓢ◀■D²



◆▶@◉▶◀▶@D▪♥◆E▶◉▪QA@◉D!@◉SÜeZ rY||½ε ||Ñf=i ■δj»z [rY||½ε ||Ñf=i ■



▷⊙▷⊙◆◆@▷◆°◀A⊙D⊙◆ZEP\$◆◆▪⊙▷A▪⊙⊙◆▪:A◆@¶◆◀◆→U◀S∥Vri=¶ f∥^σû∩jUU∥Vri=¶ V^a^μû»ZQU^a_ri

© 2008 Pearson Education, Inc. All rights reserved. This publication is protected by copyright. Any unauthorized distribution, reproduction, or use of this material is prohibited. For more information, contact Pearson Education, Inc., 501 Boylston Street, Boston, MA 02116. ISBN 0-203-41075-9. Printed in the United States of America. 10 9 8 7 6 5 4 3 2 1

◆●◆◆@@ⓈⓈ■▪ⓈⓈ┆┆◆┆┆»∩φΔ≥ε f┆┆┆┆┆┆〇┆┆|| ^»■ ~±ε]UüV@DeUeIYê↓`Ö

YàVTⓈDfi┆YÜÖj┆┆_«┆┆┆UÖ||┆

T
W
W



Q♦♦Q▶▷D⊙▪◉@♦♦▪♦@▶◀▶²☺▶♦²▶▶☺☺▪▶·♦²A√♦≈▶√☺▪⊙²0▶▷P@▶◉☺♦▶PSE♦VV↑UT↓A♦AQ♦♦¶☺▶UP↑UP♦A♦

♠♣@S<P♦◀♦P@♦S♦@E<@♦D♦@²♣♠@▶@▪♣♦◀▶@▶ⁿ▶²♣♦▶DA▶²K@♠⊙♦⊙♣E-ÑUa♠@SaT%V♠A◀ëòUa♠D♣aE%♠f▶

◆D◆◆@◆◆◎²◆∩Aⁿ◎▶◀@P◎@▶◀¶◆◆◻▶~E◆◀▶◎A◀♣P@◆◆▶▶AE♣◀P♣A◀STIDEP◀D♣¶P◎A◀¶P◎◆◎D▶AD◀P◎◎S◀

©◀◉▶◉◉A◉◆◉▶▪◉◆◉▪X◉◉◉D◆◉▶\$A◉E◉hASIAà\$UT◀◀SàPS◉HASAQDETT◀▶SòP♣Q↑ASAQSETT▶PUà◉◉▶▶

☺◀▶PA☺▶D♦♣♣♣T♣☺▶▪♦~♣♣Q♦◀▶♣♦☺▶♦♦◀♣♣Q♦♣♣TD☺♦♦A♣♣A♦♣♣DD☺▶♦♦▶♣♣◀♦♣▶A☺▶♦D♣♣U♦♣♣PP♣

⊙⊙♠⊙D⊙D♠▶²⊙▪♣▶DD♣ⁿ

⊙⊙E⊙⊙DS⊙▪*⊙⊙♠⊙A⊙⊙TU♣▶P⊙⊙♠T♣⊙U♠TT⊙⊙▶♠⊙⊙♣E⊙⊙D⊙D♣▪◀▪, DDE⊙S⊙DS⊙⊙

1010D << >> 101

◆!i☺☺|☺0ⁿ◆≥♥▷@▪D▪◀▷☺▷D◀◆☺▷▷▷☺▪☺◆@▷▪¶☺▷☺◆☺▷◆DA▷@☺▷◆◆▪1▷♣♣AQFSç◀◀||½θ]┌çZ^ [⌞V°½W½ .

◆DA◆▶@@◆@■◆D▶⊙◆■@√P◆EUTàUZ¬Zû;V||ûoifù ε òZ¬Zû;V||ùoif||μεεòZ¬Zû;V||ùoifûμ òJ¬Zû;V||

►☺►@@◆◆►◀@ⁿ♥☺◀@ | T@☺◆☺◀@P►@☺UeVvi~iYçY^ar || ◀~|| r~ Zfj || iYfY^ar~J »~|| r~ Zfj || iYçY^ar || ◀~ù r~ Q&i
@

©♦\$BeE@UX♣▶▶√▶@▶D◀▶♦·3▶P@DUSTE (ZFÑU; f· || ç^{ll} ¬Uò; &|| ZWμV; f· || ç^{ll} ¬USÖ&¬■VòQ; D¬ || J@ | @@@♦ⁿ 10

▶▶@DD@◀♣♦♦DΓ▶°@■♦·@♦@²♦♥▶♦~≈≈@@°@ⁿ@°@■♦·@∩@♦@σ"@@♦@U♦◀♣DQA▶@◀@@♦D@■@▶²♥@▶♦■
@▶@♦♦@@▶@◀@■◀@DD♦♦▶@@▶√@▶@√
@♣X¶@♦D@@■@@▶·▶²@ⁿ-♦♦♦@@@@DTTÖYàgk½»½û∟∥δûμV¶«äòRj♠
@¶@@D▶▶@▶ⁿ♠▶♦@@■@▶²▶◀■iêT¶♦@▶▶@@♦■@ⁿ@·+♦♦@▶♦♦▶@▶@¶@U@T¶▶@P♦♦TAT◀f iêÛX¶U◀h

◆◊i◆◊◊Ç◊0²◆δ~A² 𐀀»}√°J ▪» 𐀀 𐀀jûW² 𐀀«}√°J 𐀀f√f𐀀»ZûW· 𐀀𐀀} °@X♣fEUE◆A◊dAY 𐀀ÑRDiEªE¬ZS 𐀀𐀀𐀀𐀀

◆⊙UUPQ◀▶UT▶P²~P▶PA◀▶⊙Yö ÑûZ ■ ·√{ℓ||¬²u·ℙZrÛ·γ·√{ℓ||γ²||²ℙÛε ■ · {ℓ||¬òñ ñA♣TFÑiÑ



<AP◆◆\$◆@U▪ / <◎◆◆▶EA>◎\$<◆◆@SD▶◆E◎A@ <AE◆◆EA@▶ET<²@▶◆<@DD◎▶◎▪d◆D@<▶▶◎@P▶<A┌AUTU▶E┌í

▷¶DAS▷@A~♣◊¶▷A◊E@A◊S◊¶▷PE@U@T@¶◊¶▷A◊PA@DDT@▷◊ADA¶DSU◊¶A◊A◊@TDT@

☺♦D@a☺▶▶@▪♦☺☺◀D▶☺☺²

¶♦D@a◀DA◀▪A\XJ-Y¬Wjσj]²¶¬fVm«;^½Wjσj]²¶¬fåm«;^½



◆⊙D◆▶◆A@③ⁿ⊙▶■◆≈@Γ⊙▶◆■≈◆J♥◆◆≈▶▶¶¶◆¶P²⊙◆D▶D◆▶Aⁿ⊙√♥▶@▶Dⁿ▶▶@Q▶@▶²

@⊙▶▶▶◆A■=@⊙¶ATRÆ-

▷@◀◆A▷T@@⊙²◆⊙Qⁿ▷@◆◀▶▶▶◆@A▷√@PQíUⁿ♥▷A■H▷@▷@◆⊙◆◆DUTQVóÛzÛVð·ℚm½¬^a¬Öûμ└z¬Vð·ℚm½¬⊙

◆▶◆D▶◀@◆⊙ⁿ▶J♥@@÷▶ⁿ♥◆◆²⊙ⁿ⊙∩⊙@◆μ♣@◆◆²⊙◆⊙|@∩@ⁿ@≥|‡@◆A⊙PA◆▶⊙▶D◆⊙⊙⊙⊙ⁿ♠@⊙▶◆@⊙²▶▪A▪◀◆◆@
⊙▶TQS@◀¶@A⊙√@▶@D@▶²◆▶▶¶P@E◀▶UÑæUY||r||γye||W-ùÛòσÛUY||▪r



☺▶♣f\$ITUT♣☺▪♣▶♦@♦ⁿ

►♦@♦D@♦·+⊕♦►⊖D¶P♣AB;ÉóÆ¬¬ZUò¬P♦►⊖►@E♦◄◄@

i♦@Ç@0▪♣@♦▶▶@▪♣▶♦◀√~@Ue■▯ . JÅñ√√ Δiz ∫Z■mσγ∓K■ηδ▪oYz ∫jn; . JON·Qd→♦S-i♣âj`♠IfV
E
ÿ



♣♦A♣▶♣▶⊙♣▪♦⊙⊙⊙A⊙D▶Qⁿ+⊙♣▶Q⊙♣D◀Q♣♣♦AAQ♦♣P▶T♣♣♣♣A♦♣T◀◀♣²

♣⊙⊙◀♣Q◀E√I⊙⊙P⊙P⊙◀♣♣♣♦⊙⊙AA▪

☺◀▶@A◆◆◆@■☺☺◆D▶▶@☺■@²▶ⁿ@■♥◆☺☺²☺▶@■☺☺☺·♥☺▶D■@~☺☺◆T☺▶D@S▶▶UPA◆◆☺◆DA◆◆▶▶☺T||UTQE♣

▶◆◆▶☺@UT◀◆▪S◆◆@D☺◀◀◆◆Q◆¶T☺◆EUD☺S◆D◆◆P♣◀UTD◀D▶◆◆◀T☺♣A¶T☺◆@▶P◆◀T♣▶T¶◆◆▶◆▶E◆◆D▪☺↓F

© 2013 Pearson Education, Inc. All rights reserved. This publication is protected by copyright. Any unauthorized distribution or reproduction of this work is strictly prohibited. For more information, contact Pearson Education, Inc., 501 Boylston Street, Boston, MA 02116. ISBN: 978-0-321-91323-7. Printed in the United States of America. 1 2 3 4 5 6 7 8 9 10 11 12

☺☺▶◆☺◆◆◆▶■

◆◆☺▶◆▶±/©©☺▶@▶▶☺◀◆☺◆☺▶☺◀@▶▶☺T♣☺@©¶¶▶☺◀@¶¶▶P♣♣◆ⁿz♣◆▶☺▶☺◆¶A▶▶☺E¶▶☺T◆☺©

◆♠D♣▷♣DQö\$♣AA▪+♠QES◆♣♣P♠♠♣♣A@SUU♣◆♣♣AQ♠▷♣♣♣♠E♣♣♣♠▷♣ⁿ♣E♣◆▪◆◀◆♣²D♣♣A▷♣♣²LPA◆♣♣A▷♠

⊙@D♦@⊙♦▶▪♦⊙◀♦⊙DA▶♦²^⊙▶⊙QjZÛf½òòσθ◀Ö¬Û · r~f r^a½ FòΣθ◀¥¬Û · r♦

◆♣♣▶▶◆♣DQP∞▶±⊕≈⊙|▶ⁿ▶²⊙⊙ⁿ⊙ⁿ⊙ⁿ⊙▪♠◆▶▶²⊙°▶√◆±⊕φ♥⊙⊙²⊙▪⊙τ⊙▪♠⊙▶⊙◆²⊙A⊙·⊙⊙▶▪♣▶⊙▶⊙▪◆²⊙
▶⊙PQ⊙\$A◆◆⊙÷⊙÷▶ⁿ⊙ⁿ⊙▶◆ⁿ⊙·⊙▶⊙≤⊙▶⊙|▶·⊙⊙⊙⊙⊙⊙⊙⊙⊙⊙⊙⊙⊙◆·⊙ⁿ⊙⊙⊙▶⊙⊙▪⊙²↑⊙▶⊙▶⊙◆▶⊙⊙◆⊙▶▶²⊙▪◆⊙⊙

◆◆D@◆@A@@@ ■ J◆D@◀A@☺▶→½h-ÿjù→VÆ°ÖÖQ▶E◀♣Q◀♣EUU☺UQQ@@I@◆☺▶@D◀▶@▶@◆▶@◆▶QA◀@◀ⁿ☺◆@·☺

◆◊i◆◊◊Ç◊0▪◆¶▶◆◊◊◆◊▶√~◊@VJW 0Δ⌞~Δ^Ö ~Wεγ Rtgδ◊j}~n^Ö◊~Wεγ ◊g 0γ⌞~Δ^Rö◊◊TfI◊ûYåS

☺▶◀A◉◀@STSP▪~▶◀AU◉Q@U◉eZæSYη J T w █◀Wη Fη û▪γ μiUf= òw █◀S≈ η η ù▪ ÷iÖg= òw █◀Sη F»ûöYQ▶◀P@ "å▶

♣ñaⓈE`\$PeA`YA▪0ⓈTQⓈEP\$PU@`YA♦♣♣öbⓈE`%PeAdZA♦♣♣ñbⓈE`%P¬AÑZA♦Ⓢ²L▶AP♦A@♦\$♦♣TⓈ@¶EP♦♣♣

T

T

T

UΓgφ_½ °γ ■wç a ■ ~²fÿ♣⊙E↓X◀⊙YVeÑ¿;↓ÿ♣◀U↓X▶⊙YfÑUX⊙D⊙⊙◆¶D⊙◆⊙▶PT⊙D♣⊙♣↓X◀⊙YUeUh↓ÿ♠RUA)

⊙\$D⊙▶\$⊙\$◆⊙Q⊙▪⊙T▶²♣⊙◀⊙▶▪⊙▶◆D°@▪⊙▶D@²⊙⊙◆▪⊙▶⊙◆@▪◆··@▪⊙÷E⊙◆P⊙▶D∫A◆⊙U◆⊙Q⊙D▶∫eYüQ◀⊙

☺ ♠ E ♣ ♣ A ▶ ▶ ☺ ■

♠ ◀ ♣ ☺ ☺ ☺ ♠ ▶ ▶ ☺ⁿ

►D♣♦♣♣@A1D@☺▪ⁿ♥♦♦►▪☺♦DE►♦♦²1☺@♦♦♦♦☺♦☺E♦USàXUUP►T♣♣♣É@DSà

☺◀▶☺▶▶☺▶☺◊◆°@¶◆☺◆¶▶♣▶▶A☺♣▶☺◀D¶▶☺T¶A▪LEP¶◆♣D¶¶ST¶A@◆☺◀▶◀◆◀▶▶DD¶A▪

▶▶▶@▶☺▶@²☺◆◆·▶■~▶▶◀E☺@▶☺A▶♣@D☺@TP◆▶QI☺ET♣DD☺A◀▶◆◀E☺◆S♣ET♣PP☺AQ▶◆I☺P@▶☺♣@♣@I☺QP▼



▶A♦♦P◀1♦◉A▪▶E♦S@◀♣A◉▪

11♦♣@S◀@P²

E@♦@11@²L▶T♦♦▶@@◀1DAA▶♦T♦♣P1SD@▪

▶D♣♦@P▶@@√@²♣@

◆D⊙F♣P ♣@AETS▪P

◆T♣@◀P⊙◆D▪U#QD♣U♣U⊙I▶⊙⊙AD▶@@I⊙P⊙◆PTD@◆◆D·⊙@◆▪▶vP⊙⊙⊙@◆◆▶P▶◆◆⊙P@⊙◀E

♣♣AUQB@d<U♣▪♦♣A<Q♣♣♣▶◀▪

Q♦◊◀Q♣◊D◀S▪↔♣◊◊◊▶QE◊D◀E♣♦♣A◀AAAD◀◀♣▪,♦♦A◀Q◊♣♣▶Q♣◊◊A♦AQ♦♣

◆i⊙⊙⊙Ç⊙0ⁿ▷°⊙ⁿ▷°▷◆◆D¶◆D@▷▷²

◀▶▶▶▶@@▶A◆◆◆@◆D⊙@▪i◆◆S@◆▶▶⊙@◀E◆◆U▶VRòjÖ¬jÑ°UZδ|| ·¬¶Û
▶

☺☺➤@➤A➤➤☺▪◀◆♣TS@@° ➤ | ☺ⁿ◆·◆·@≥☺@➤· ➤ | @▪♥➤☺◆√☺➤@²♥➤◆·◆β◆≡■☺◆@²♥☺➤◆√➤➤◆@➤☺➤◆◆D√♥@➤²■

☺@♣☺E@E♦▶■@■☺♦▶■☺@♦ⁿ♥♦▶☺²

©&`D♣T⊙ⁿ▶▶▪♦©A≈,♦©♣©E©P (FíARtùûη|^aÛ¬||¬UÑ[¶] j¬f ¶ùû¬eóà¬

PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(174<esc>(s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(277<esc>(s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(21<esc>(s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(37<esc>(s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(38<esc>(s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(39<esc>(s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(9<esc>(s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(19<esc>(s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(83<esc>(s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(4<esc>(s0p4v0s0b0T	97
	<esc>(47<esc>(s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(426<esc>(s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(437<esc>(s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(149<esc>(s0p4v0s0b0T	101

◀☺♠P♣EAS\$P☺♦♦DA◀@☺◀◀♦A▶♦▶▪

▷Q@◊▷▷DA▪@◆A@P◊◆δ♣@@@≈◊·A·◊φ◆▷▷◆|▷|♠@◆◆@ε@°@|▷±Γ¶◀@◆◆@◊¶SP@¶◀▷A◆·◆∩◊·

◆◊i◆◊◊Ç◊0▪▶◆◊ITQ@P◊◊Q◊◊P◆◊~@▶◊◊U◊E◊·i◊²·◊≥{◊ ε¥ V||·¥◊·◊◊◊±w◊| ▪¥ Z ·i @◊◊V◊P◊◊◊◊



QZúfleESB♠⊙ARDT▪

UU♦T♣S⊙♣⊙ADD▪#UU¶eESB♠⊙ARDö@◀VV¶ÑISB

⊙ARêÿP◀Zû¶▪R♣A♦⊙⊙ET⊙⊙D♣♣ATUA

▶♦@AA▶PT@D√▶A▶♦@@@@◊♦▪♣@▶@D@²L@♦♦¶@A¶SQ♣UD!@BYe†\$!@RQSQETQ♣◀FidXP!QPSPET@◊ABHD¶
@♦@◀QA@D@Q@▪♦♦@◊QA♦D▶¶²♦♦@◊Q@E▶Q²♦♦A◀AAA¶◀Q▪



▶ @T⊙D♦@⊙ⁿ⊕@D▪♦ⁿ♣♦▶@P@▪▶√♦▪♠@▶♦ⁿ

☺▶▶¶¶♦²@ⁿ⊕@T≥⊙≈.♦♦♦A¶@T▶T♦QU▶♣♣♦DAU@D▶P♦Q◀▶◀♦A

◆☺i☺☺☺Ç☺0┌♥◀▶A◆▪♠☺D▶ⁿ¶²☺◆Aⁿ☺▶▪▶▪☺▶☺√

D▶◆▶☺◆▶@@▪QUíYV¬nφòZj¬°ªW«△·nû¬«φò^j½°ªW«@

◆▶▶◆TQQaD⊙▪♠◆▶@▶⊙◆ⁿ>D@⊙I▶PT♣TRJ||] n FÜ Ü-y ▪ · jη fùk ||] ~ FÜ · Ü-yε · j || fùj ||] . òÜñÜ; e¬; a^a ZÆj

© 2008 Microsoft Corporation. All rights reserved. Microsoft, the Microsoft Dynamics logo, and "Your business. Our passion." are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

⊙EVPSQQT⊙◀▪◆⊙◆◀·

⊙⊙⊙⊙⊙√⊙²S⊙▶⊙⊙S→·Vjη ûR¬j ηª àiaª ▪¬*Rj¬ò→ÛUàûäS⊙AED⊙⊙⊙PDD◆A

◆◊i◆◊◊Ç◊0²~UPQT▷A¶◊A◊▷♣P◊T▷◊EX♣U◊◊!EE_γ²√▪||Qf■¶ [∩∩ vÖE»·¶▪||Qf■¶ [∩∩ vÛE²≈▪·Qf_γ¶ [8

◆

◆

H

◆

◆

◆

◆

◆

◆

■

⊙

©A◀♦SIQ♣▶A©T©▪

PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s1p4v1s3b24703T</code>	58
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s1p4v1s0b24703T</code>	59
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s1p4v0s0b24703T</code>	60
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s1p4v0s0b25093T</code>	61
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s1p4v0s3b25093T</code>	62
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s1p4v1s0b25093T</code>	63
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s1p4v1s3b25093T</code>	64
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s1p4v1s0b45099T</code>	65
<i>ABXΔEΦΓHΙΘKΛMNOΠΘΡΣΤΥςΩΞΨΖ</i>	<code><esc> (621<esc> (s1p4v0s0b16686T</code>	66
<i>ABXΔEΦΓHΙΘKΛMNOΠΘΡΣΤΥςΩΞΨΖ</i>	<code><esc> (621<esc> (s1p4v0s0b45358T</code>	67
	<code><esc> (18540<esc> (s1p4v0s0b31402T</code>	68
	<code><esc> (460<esc> (s1p4v0s0b45101T</code>	69
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s0p4v0s3b4099T</code>	70
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s0p4v1s0b4099T</code>	71
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s0p4v1s3b4099T</code>	72
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s0p4v0s0b4102T</code>	73
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s0p4v0s3b4102T</code>	74
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s0p4v1s0b4102T</code>	75
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s0p4v0s0b24579T</code>	76
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s0p4v0s3b24579T</code>	77
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s0p4v1s3b24579T</code>	78
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (0<esc> (s0p4v1s0b24579T</code>	79
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (14<esc> (s0p4v0s0b0T</code>	80
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (206<esc> (s0p4v0s0b0T</code>	81
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (302<esc> (s0p4v0s0b0T</code>	82
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (341<esc> (s0p4v0s0b0T</code>	83
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (373<esc> (s0p4v0s0b0T</code>	84
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (405<esc> (s0p4v0s0b0T</code>	85
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (53<esc> (s0p4v0s0b0T</code>	86
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<code><esc> (78<esc> (s0p4v0s0b0T</code>	87

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (174<esc> (s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (277<esc> (s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (21<esc> (s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (37<esc> (s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (38<esc> (s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (39<esc> (s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (9<esc> (s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (19<esc> (s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (83<esc> (s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (4<esc> (s0p4v0s0b0T	97
	<esc> (47<esc> (s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (426<esc> (s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (437<esc> (s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (149<esc> (s0p4v0s0b0T	101

#####

◆◀▶◆▶◆E◆☺☺☺■

◀T♦▶æU¶◀@Q@▪L\$U♦♣@▶¶▶¶@R@♣UU¶◀▶TU▶@@▪@◀♦♦▪♣▶♦♦@=@♦♦\$·@√@¶U♦▪♦♦♥P@

©©©©©©²A↖D♠S♠SDD©S©CABEE©DDDBFF♦♦♣AAR♥♥♦S©DP♦♣♦A©DD©♦A♦♥©♣♥Gj©♣↗||©↗Ñªüü©♠\$EDW♣

◆

◆

@♦@D ISTEAC°♦≈♦·♦√▶@@≈▶▶@≤@>@^n♦Σ▶@@■♦≈φ♥♦♦■@√
▶T@ZXSS▶@▶@^n♥♦D▶▶^2@▶▶@D@^n♦^2%◀A♦◀@▶♣VQI▶▶UUPSS*BD@P#BAB◀@^2@E■▶▶♦Φ

A♣♣h@▷♦@▷▷@√@²♦@A◀@²♦ⁿ

☺☺◀P☺♣T♦♦@▪%♣jf┌ZγÖieeGUiÉP♣A♣♠♠♠dYHU%▬♣hUV↑%jU◀@▪☺♦☺☺²♦@☺

☺▶P▶T▶▶@☺☺@▪☺▶▶≥◆≠Uÿ▶T◀D☺·☺@D▪☺²@▪♥@DD▪♥☺☺☺√+D◆▶☺♣ [ŋ ÑjRtˆ Ük«Zªè
¬VÖ [|| íeèäRfX\$P↓Z«

◆A◆►U♣ D ◆¶◄◻ LD ◄D ◆ ►◉ @ ◆@ ¶TD @◆D ¶◉ ◆A◆¶TE @EP◆►S◉@ ◆◄◉¶◄T PE¶◆►SA@
◆D◆ ◆◆ ►@@ ◆@@◻ ♀@ ◆◆ @D►◆ ►◻ ◉►◄◻ ◆◆@@ ◆√ " @ ► ► T◄◆@◉► PS ¶ ►@D◆¶◄@◉►♣P@
► ◉AUTQP@ @◄ ◉≈ #► @¶ @ ► ◉AQ¶◆◆@ ►◄ ◉ ► ◉◄►DD► @◉² ◄◆ ◉ D►D¶P P♣ ►@ ¶ ◉A◄¶◄◄
@► ◉◉►U◄P@ P►@◻ +► ◉@♣◆◆D@ ►◆ ◉ ◆ @E◆D¶P P► D ¶ ◉◉QTEPT Pⁿ i@► Q DD♣ ◉Ç◄♣◄@@
►►@ ◆►@►PQ E◆►² ó◆ ◆PP ►◉ ◄◉◉◆◄◄◄T ♣►@A◄♣AQP◉◄¶¶E T@P@◄♣◉@◆◆◄◄◄◄◄◄
◆◆♣◉ ◉♣ P◄Q ►@≈ ↓►◄ AA D◆ ◉ ◉ ►◉◉ @@ ◆◉² (◉ @◉¶ ◄ ►A◆◆◉◉ ◉◆ ◄ ◉◄◆@E♣◆◉◉ ◆◉
◄i◉◉◉Ç◉◉◉ ◻ ◉≥ ✱♣◆♣@►DD◆PE◆@A◄ @≥ ◉≥ ◉ⁿ @. 4► ► ◉◆Q►◆♣@@UD A◉ A◆UET¶D♣◉TZ◄σ; j
ä ► ¶ ¶PS @◄◉◻ C@ ◉ êBSPÖ"äv-à-ûZ^aV¶V*Û ◄áf|| ò-ûJí^aV+V*ZÛF@fñQÖÆ-áóVÿFjRÖ"@fñà*
►A◉◉TSP◉Q@ETU◆◊ ►ε ►² ♥@ ◉ⁿ ◄◉ ¶UTQUPUTD◆ ►A◉◆T-¶¶YdUPUT◻ ó@◉ ◆◉ ◉► ►@≥ ◆◻
► ►◉►EQAS̄TPA P· ♠◉ ◉ ◉μ @◻ @² ♀► ►◆►♣a@-UP◉◉◻ ó►◆D◆►◉@@◄◄@≈ @± ♠@ @♣ ►ⁿ '
D ♣¶◆►U♣♣◉◉A◊◊ @■ !!◉► ►ò◉¶◉Q◉ @ T ♣◆◆◄◄◆◉◉ @σ ♥◆ ◉◉◻ ►◻ \$†Z_ g VQ◉|| f◄»|| ◄Ö†◉X
◆► ► ◆► ◆► ►ⁿ ◉◆ √ ►ⁿ ◄◆Q @◄@◉¶TQ◉PQP¶¶►± @² ◆² ►² ◉◉◉◻ ◉◉ ◉◻ @. ¶@U♣ÉE
◉◉ ◆ ◉◉ ¶@¶ ◉◻ A◻ ◄-Ñ◄◄^μgγ ùÖ|| ◄◉◉Z◄◄j ◄Ñ◄◄μWγ ùÖ||^a◉◉Z◄◄j ◄Ñ◄◄ZμWγ ùÖ◄^a◉ ◄FZ◄◄jÛÑe ►@►@◉ D
@ ♣◆ A ♣◉@ ◉◉@√ S◄ [e ÖVòU◄◄◄Ñ◄◄|| ◄◄◄e◉ÖVòU◄◄◄Ñ◄◄|| Z|| ù◄◄e◉ÖVòU◄◄◄ ◄ÑZZ|| ùùSöAQ @@ @ ◆
◉◆ ◆◉► ◉ @² ◆ⁿ ◄◉♣ E@@ ◉PT¶T@¶◉◉◆| ◉° ►≈ ◉÷ ◆≈ ó◄R ¶@DT D►►² ◆| ►≈
◄i◆◉◉Ç◉◉◉ ◻ •S►D◆ ► ◻◉~ ◄ @EY¶TY@diERûû¶ó♠Öè-%UY◉`UE†âV¶b♣òëi\$UY◉ñYERâV¶b♣òëYSTY

▶◆◆IP@QS⊙◀P◆◆▪▶

♠T♣P♠A♠D♣♦▪▶

D⊙T@P@♣♦▶♦≈♥⊙@ⁿ▶√LD@@♦¶▶D♦@DPFS♣@♦♣S¶▶U♣TPPQS⊙E▶♦♦Ⓟ

◆@D|@@@@>>@▪@@◆Dⁿb@>@>◆P>>>S♣>P♣AP◆@◆A@<D>>◆@|I|>@<@◆♣A>◆>@><<♣@D>>@>@♣@D♣♣

©▶◆E@◀@◊◆@√!!DD@◀▶P@◊▶▶▶◆@◊▪D@◊▶▶▶@◊◆@◊▶▶P@◊◆I◊▶▶◆E@◊▶▶◊D◊◆I◊◆P@◊I@◊@T▶I◊◆◊@I▶@◆P

i@@@Ç@0n†▶@T▶APTDUD♣D▶▶▶J♦ε▶·▶■*▶▶▶<P▶♦TT♦D♦♠T◀Y@@XVQ*ej▪jiU♠V♦QPD▶▪A±▼@▶▶@■ñHQ

◆PAEP⊙¶▷DP◆◆▷▪@÷▷≥◆◆◆≈⊙√↑⊙♣@¶♣dP◆▷¶DE▷♣@@▷¶∞◆°b◆▷@⊙⊙■¶|| εÑ¶|Vε¬UV°æöQEP◀@▷⊙P@◆⊙▷T

⊕P⊕A▶◆ETU⊕♣⊕⊕Σ◆ ↓⊕⊕◆♣TI♣♣P⊕⊕⊕⊕⊕⊕◆◆PD◆⊕μ\$⊕⊕⊕⊕◆D⊕⊕B⊕ { r-n) } ~ σkÑnÛ~½~⊕ jös♣♣⊕ ■



◆♣⊙♣⊙▶TU♣AP⊕⊕²▶·↑◆Pd\$↓A⊕Q⊕⊕◆◆▶▪⊕⊕⊕τ♣⊕◆⊕⊕A·&⊕i||V_fYYmUPr^aù¬¬Y||U◀⊕⊕Q⊕◆S⊕⊕⊕⊕⊕⊕⊕

►U♣@PPE♦♦►²⊙Σ♦·♦≈►■♦►ES♣♣■⊙♦E⊙≥♦∞♥D@♦²<►◀♦@►►Uÿ ÷┌ z«┌┌ «ùñiꞑ┌┌ ꞑòÿ½÷┌┌ j«┌┌ »ùñiꞑ┌┌ Ûòÿ⊙

◆◉I◉S@D▶◆◆▪N◉♣◀¥k¬¥^a }_RòZP^a½σÖ¬Ök¬**█**^a }_RòZP^a½μφ[⊥] Ök¬¥^a y^RtUVÜ^a ¬Ñë¬YbSEP@DA◆◉◆♣◀♣A◆U

◆

i ♦ ⊙ Ç ⊙ 0 ▪ ~ \$ PUP ♦ ♦ E ⊙ ¶ ¶ ⊙ ö ↑ V á DUT ◀ ↓ H è F Y S V ¿) ª á E ¶ U T ◀ ↓ H è E ↓ S E ¿ (V á D ◀ U T ◀ ↓ H è E ↓ S E ñ (V á D U T ◀ ↓ H è á ¶
ò



▶☺◀A♦♦☺P▶☺▶ⁿ

T▶A▶☺DP▶☺▪L@☺◀A▶◀☺P♦♦▶▶☺♣♦AA¶☺A@▶☺▪♣@@E@▪6@@¶¶@P@▶▶◀QTPASU@AU\$E

PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(174<esc>(s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(277<esc>(s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(21<esc>(s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(37<esc>(s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(38<esc>(s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(39<esc>(s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(9<esc>(s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(19<esc>(s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(83<esc>(s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(4<esc>(s0p4v0s0b0T	97
	<esc>(47<esc>(s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(426<esc>(s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(437<esc>(s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(149<esc>(s0p4v0s0b0T	101

▶◀P▶♣A◀A▶⊙EP⊙D▶⊙♦♦Q▶²♥D⊙⊙▪~⊙U⊙♦⊙P♦Q▶¶▶♣◀UAVADE¶T⊙UP¶⊙◀DAA♦⊙▶♦◀⊙▶♦QDQA♦⊙♦¶S⊙◀▶⊙▶

@T▶▶◆☺A▶▶▶▶■

@

PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(174<esc>(s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(277<esc>(s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(21<esc>(s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(37<esc>(s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(38<esc>(s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(39<esc>(s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(9<esc>(s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(19<esc>(s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(83<esc>(s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(4<esc>(s0p4v0s0b0T	97
	<esc>(47<esc>(s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(426<esc>(s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(437<esc>(s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(149<esc>(s0p4v0s0b0T	101

▶P◀▶▶A♦◊√◊°◊ⁿ♠@▶▶¶ⁿ*♦▶▶@TUT▶A♦♦PP♦A@PDP▶♦♦◊@◊@TP√↓¶◊¶◊P◊♦@▶QPP▶▪

PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (174<esc> (s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (277<esc> (s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (21<esc> (s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (37<esc> (s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (38<esc> (s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (39<esc> (s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (9<esc> (s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (19<esc> (s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (83<esc> (s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (4<esc> (s0p4v0s0b0T	97
	<esc> (47<esc> (s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (426<esc> (s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (437<esc> (s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (149<esc> (s0p4v0s0b0T	101

▶▶♦D▶B☹@

QAÖTPT♣UT¶U▶▪♣QQPPQPDD♦♦√@▶♦☹▶·

☹◀▶☹▶D▶▪♦·♥@@@²♣☹@▶@²♦ⁿ

♣QA▷@PP☺♦IQD▷▪

♣PA>P@DTTD>>▪♣A⊙P><@>♣♦D♦▪↓@♦A>@A>⊙>¶>@>⊙♣AA>PQD⊙¶▪T
♦⊙⊙>A⊙>>⊙²+♦DAD>⊙>⊙⊙♦♦EUTA>⊙S⊙♦⊙UETA⊙>S⊙² ♦♣@@@>⊙<√↓⊙¶@@>⊙¶S⊙♦¶<TUP¶@⊙>²▼
@♦♦⊙>>⊙>@·⊙@@·
♦DA♣AQQAP♦¶▪·2Q♦>@DD@Q♦⊙PA<>♦¶♣⊙♦>⊙¶>⊙♦⊙>@¶>♣DA¶⊙♣AP<<@♦▪<>>ATQ

☺♦☺☺▶☺T@▶ⁿ☺ⁿ

Q▶P▶▶@☺ⁿ

Q♦▶▶A♦☹️▪

T@C I ▶▶ A◆◆☹☹▪

§▶PP▶▶@◆☺@◻

◆☺i☺☺☺Ç☺0≤↑▶☺◆♣E☺☺▶◆\$◆DE@◀²◆♥◆◆☺@÷◆≈☺▶ⁿ*☺▶☺◀☺E☺!|◆◀♣EF@▶▶♣♣@◆HSS♣WU@▶@QAA♥◆

♠♦♠♠▶♦▶♦²▶ⁿ♦♠♦▶♦²♠≈▶²♠²♠▪♠ⁿ♥♦▶μ♠≈▶|♠♦♦δ♠ⁿ♣♠▶♦♦²♥♠▶ⁿ♦♦A♦•♠▪↓♦♦QD▶♣T♠DSEQSAD♠D♠√♠σ♠

◆♣♠D@DIPD⊙²⊙◆@÷⊙≈

☺♦A☺☺♦D@▶♦▪<@◀☺♠° ¶ε fγ ▪ bτ << || █τ a γ & ° û << fγ ▪ fτ << γ █ a γ a ù û << f << ▪ fτ << a ÿ a a γ

PÉ&I) ëèHU♦DUÇ▪ ~` ¶åªSÛS♣äBUYeP◀` Sèª%Û%VëUéVYeP◀` ¶àòSV¶♣àSéVÛiP◀` ¶èª%ÛSUA♦éVYeP◀` ¶

W
U



TT

100T-010

◆DPD▶▶@◀@ ■
▶▶P▶▶◆▶▶⊙ⁿ

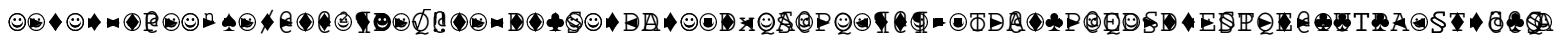
Q▶T▶▶@⊙⊙@ ■

D▶PP▶I⊙◆D⊙ⁿ

Y◀TT▶▶⊙◆⊙⊙²

◀▶@@▶♣D♣♣♣@▪!!A▶@@▶@◆@◆◆¶▶@D▪@◆√@▶@▪◆▶◆@ⁿ

D▶▶▶@ⁿ♥◀@▪@÷♥◆▶▪@@



◆▶U◆@◆@▶☺ⁿ☺▪♠▶♣☺◆◆▪

▶D☺▶◀☺☺▶◆▪

@☺!☺A▶▶☺@P♣▪↔PT☺D♦☺AP▶♦▶@♦@♦♦E▶♦▶²!!☺S♦@◀♣D▶▶♦▶▶T

@



A♦@☉♦@♦♦☉▶√☉·

▷@▷◆◆@@▷▷@▪♥▷◆◆√I@@▷◆D@E@▷P◆◆@@ⁿ▷A♣▷◆▷◆◆◆A@A▷◆DQQ▪◆>A@I◆◆TE

◆i⊙⊙Ç⊙0≤\$▷A@▷U◀UUT◆♣⊙DED▷@@▷◆ⁿ◆∩▷°▷ⁿ⊙▷ⁿ▲D@U⊙♣⊙EUD◆A@@USUUS♣◆⊙⊙Q◆▷PP◆@▪@²◆@@

◆◀◆▶@◆²÷\$◆◆PDTQ▶\$▶\$◆◆◆D▶◆μ⊕@▶²⊙²▶J⊙D▶◆▶E▶▶@◆@◆@◆◀I·⊙σ<◆@⊙@A▶▶E¬f·WnÛ°Y||n≠ iεπeΔ¬f ▶

AT@SDU◆▶◆T◆A·▶ΣQ@@@◆▶◀◆A▶♣♠♠VΓδRi^aζZU||_π½ÖeVΓVΓδVióζVU||_π½ÖeVö@♣QP◆▶◆E▶A@▶I@I@@▶D

@♣SUT<@♣♦√☉♦▶▪@ⁿ⊙@≥@▪♦♣Q♦▶ⁿ\$♦A▶▶♣«||¬¥çkθ=|U¬ ||ûθfò»¬¬¥çk¬=|U¬ ||ûθfò▪¬

@AUQ♣P◀@·⊙μA¶▶⊙⊙▪▶@▪5 ¶mj½g~J·jyZ··∥→i ¶mj~V~J ⊙jyZ··∥Zi¶mj~V~J ⊙aD◀S@@ö@k▪⊙@B¶@DP♦



@♦♦▶⊙@·◀PAITP⊙AUTPU▶♦Q◀·@▪▶²⊙▶²@±♥♦@≤

♣AISUäID▶δ↑@@◀▶@AA♦▶E▶▪@i▶♦D▶♦@@A♣ÑθσzÑZ 11S

◆◊i◆◊◊◊Ç◊0▪~e

♣◊EeEdòTXò%ÖiiU

◊J^aVeûÑr-rj-rii\$

◊IÑVeûÑr-riÛjiU

U
W
U
U
W
d



◆SS♣♣▶TSI⊙R⊙▪I⊙I⊙▶I⊙Q▪<◆◀I◆◆▶◆◆@P⊙◆◀I◆⊙▶ID◀A⊙◆▶◆▶▶TUS⊙Q⊙◆IT◆⊙▶▶I⊙I⊙Q²⊙▶◀◻⊙▶◆²▶♣

EU♣▶P@1♣▶@▶U@P♦1♦▶☺♦D@²L◀@D◀♦♣▶☺♣@S\$SD☺♦♦▶♦D◀■◻◀

☺◀▶1@A@E♦■

◆DTQE◆@Q@T▪s@◆@@♣♣Q◀E◀◀QSTTPE♣T@☺¶P@☺☺♣@☺U@T@▶☺P▶T@D@☺◀▶@☺PETDP@
☺◆¶◆UAA▶P◆◆◀²▶@SQEA◆◆◆♣◆◆☺▶D◀UA@◀◆◆◀² ◆

◆◆◆◆▶◎◎◎~!▶A◎E◎U▶T◆◎◎◆D♣◎P◎◆·N▶A◎◎I▶A◎DAN◎A◎◆◆E▶F▶F◆◎E◎◆◆◆S◎T◎◎D◎F◎D◎AR◎◆E◆D◆◎E

☺ !X♦E1P▷@▷√♣◀D♦▷|♠♦D▷♦@▷√♣▷♦@♦▷≈
▷@♦▷♦▷♦▷♦ⁿ▷■♦ⁿ☹

PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24703T	58
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24703T	59
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24703T	60
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b25093T	61
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b25093T	62
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b25093T	63
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b25093T	64
<i>ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b45099T	65
ABXΔEΦΓHIΘKΛMΝΟΠΘΡΣΤΥςΩΞΨΖ	<esc> (621<esc> (s1p4v0s0b16686T	66
ABXΔEΦΓHIΘKΛMΝΟΠΘΡΣΤΥςΩΞΨΖ	<esc> (621<esc> (s1p4v0s0b45358T	67
	<esc> (18540<esc> (s1p4v0s0b31402T	68
	<esc> (460<esc> (s1p4v0s0b45101T	69
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (0<esc> (s0p4v0s3b4099T	70
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (0<esc> (s0p4v1s0b4099T	71
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (0<esc> (s0p4v1s3b4099T	72
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4102T	73
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (0<esc> (s0p4v0s3b4102T	74
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (0<esc> (s0p4v1s0b4102T	75
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b24579T	76
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (0<esc> (s0p4v0s3b24579T	77
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (0<esc> (s0p4v1s3b24579T	78
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (0<esc> (s0p4v1s0b24579T	79
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (14<esc> (s0p4v0s0b0T	80
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (206<esc> (s0p4v0s0b0T	81
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (302<esc> (s0p4v0s0b0T	82
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (341<esc> (s0p4v0s0b0T	83
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (373<esc> (s0p4v0s0b0T	84
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (405<esc> (s0p4v0s0b0T	85
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (53<esc> (s0p4v0s0b0T	86
ABCDEFGHIJKLMN<u>OP</u>QRSTUVWXYZ	<esc> (78<esc> (s0p4v0s0b0T	87

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(174<esc>(s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(277<esc>(s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(21<esc>(s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(37<esc>(s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(38<esc>(s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(39<esc>(s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(9<esc>(s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(19<esc>(s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(83<esc>(s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(4<esc>(s0p4v0s0b0T	97
	<esc>(47<esc>(s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(426<esc>(s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(437<esc>(s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(149<esc>(s0p4v0s0b0T	101

▶◀P♣◀◀▶◀D⊙A⊙◀SP\$U@ST♦²b♦D⊙DAS⊙EU▶UT@♣EITQ⊙D⊙S⊙D⊙I⊙DAD⊙D⊙◀♦♣D⊙▶@@♦A@◀@◀⊙♦Q▶\$

P▷I@◀◀♣▷D@²▷◀◀A@▷E@◀◀♣@◀◀@I▷◀²

◀I@◀◀@@E▪

D◀QE@◀◀@ⁿ3D◀◀D♣▷@◀◀↑U♣AP▷◀TU@UE▷@◀◀U@

◆@@@@◆A@▶■

@◆◆▶▶◀@E@@ⁿ‡@♣◆▶▶@◆@◆@@@◆▶▶♣◆²@

▶♦☺▶♦A▪☺ⁿ

☺♣▶♦♦DA☺☺²▶♣♣@◀♣♣AQ☺▶▪ [▶
@

i©©☉Ç©0 | †A◀♣◀@UE▶E▶♣♦@S◀DDα@@©≈■◊▶@Q♣\$P©IUT♦▶♦◀▪@♣♣@©◀©▶▶@J©|+I@@DAAημ◀òò;ÿ

♣♣A♣S@♣♣P♣♣♣@÷▶τ@≥

♣♣P♣S@▶▪♣♣@◀▪♣♣▶Γ♣♣◀♣♣ⁿ8D♣Jm^ayWÜ~¬kRÑγ v⁻Z·Pm^aiWÜn^akRÑγ v

◆@♣@P@QID▶ℒ▶√@ⁿ

♣QTTT@◆┌H▶T▶▶@@→{«¬ ε Z¬VPt [¬ÑzPt┘Ü{«Z ε Z¬ûÖ [¬ÑzPt┘Ü{«Z^aε

EQEP U@Dⁿ √ · ⊙ Γ @ @ SEP TDⁿ @ⁿ

▶▶@◀I▶▶◆@@▶▶■◆▶▶ \$▶♣◆▶▶◆■A▶▶☹▶▶◆■_▶♠û◊·ù◊

i ♦ ◎ ☉ ☽ 0 ▪ f \$SD\$E&UûUaAVRUQ` \$\$ä\$V* j ¬ ò f E ¬ Æ U Q ` \$\$@ ◀ E & U û U f E ¬ Æ ò ò ` \$\$ä\$U & U û U e A ð Æ U Q ` \$\$ä\$V &

Ti◀iY%U▶⊙Ç♣UQ▪T

┌◀iY%Y @♣UQ▪T{i◀iY%Y P♣æ─┐ó┐ee┐S┐Ö) iaPEæ─┐óÖed┐S┐Ö) Y`P♣Ç♣òbYeT┐◀j

©Qeði@¬PQÛû♣Q▪U\æfði@¬ÖPAèV♣PQQAQeði@YU@AëV♦PUQAQeði@YU@AëV♣PUQAQeði@YU@AëVPAQ

Dòü\$P■Td \$►■eY▪@↓òA◀P■Td%\$¶VeZ@UTòàUö■eÑ%%√]♣♣aiFVi!òDQUP\$UòV♣Ñ-åf¬"òDP©P\$UP\$♣ae

Q

3

eYUT©òP→fû) Zb▪¬

┌┐TVûdRZf^a*Z·~AU┐◀Y%♣SòÉfészfSAò┐XQY&♣\$U@RAYf♣⊙à┐TQY&E■ÑÉVüYf♣⊙àY

§

\$
V

U

eèfÿó↓ZÑín∩ÉT▶▪┐

⊙

FeVó↓Ud`ië@dP▪¶

åeVb↓Ud` ↓ë@dP▪¶, åeû^a ↓VdáiÖPdU¶¶SSåeVb↓U` ` ↓ë@TP¶¶Sè

◆◆☉▶▶▶◆P◆²■P☉☉☉▶EPⅠ◆DⅠ☉P☉☉▶Dφ◆²▶☉☉☉☉▶◆P▶♣D◆☉☉■☉♥▶Ⅰ²◆²▶☉▶◆◆▶☉Ⅰ◆²A☉☉▶T◆◆P◆²☉☉☉▶♣◆

☉

QTUD GE F C A P U Q E A L C C

⊙P⊙◆\$P▶◆♠A♣D▪⊙°◀◆D⊙⊙♠♠◆▶▶⊙♠◆◀⊙⊙▪◆⊙T▶▪♣▶◆⊙⊙▪⊙▪⊙▶◀⊙◆²LT⊙◆⊙⊙♠◆SDA⊙▶⊙▶⊙◀⊙▶♣SAA⊙▪



♣♣♣U▶♣♣TDDⁿ◆ⁿE☺♣@A◆P◆D♣◆♣▶♣♣◆E◆@▶◆◆◆@◆D☺▶☺◆♣P◆◆PQPP▶◆♣◆♣▶☺◆TEEPⁿ◆♣♣♣@♣◆◆D@♣◆

T

♣PPSDE♠I▷♠√<▷♠<D▷▷A@@@◀♦♠@♦▷♣♦♠@▷◀♦A♦▷♠I@◀▷▷♦@♦I▷♣T▷A▪

◆☺◆◆>@A@>@²@ⁿ◆@@☺√

D☺A<T>U@▪☺>◆²TA@>@>E>P<◆@<◆<>◆<A>¶☺@QT<@<DAPP@Q@>@<ST@UE>A¶@
☺<>>¶◆><▪S@>◆☺>T¶@Q@QD¶@<¶@D@◆@>♣¶@QUT@U@◆A◆P¶@>♣P@D◆>◆@>@◆☺²S♣@>QD@U>♣A@

PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(174<esc>(s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(277<esc>(s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(21<esc>(s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(37<esc>(s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(38<esc>(s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(39<esc>(s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(9<esc>(s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(19<esc>(s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(83<esc>(s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(4<esc>(s0p4v0s0b0T	97
	<esc>(47<esc>(s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(426<esc>(s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(437<esc>(s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc>(149<esc>(s0p4v0s0b0T	101

©♣RF\$♠☉F♣♠♠S♠☉D-▷☉R☉☉♣HUB☉A☉♣☉♣D☉F☉▷D☉☉☉♣☉F♠H☉D♠☉D♠D♠E♠UVEF☉☉A☉PA♠E♣S
♠▷♣P`%SS<ü@▪♠ⁿ@·+♠Y♣♣♠@`SS♣Aà@♠U♠♣♠A`SSDAE@♠T♣♣PSIIE©² ▷@♠♠@<☉√☉♠♠²☉@▷·☉▷♠²♥@☉

◆i⊙⊙⊙Ç⊙0ⁿ▶ⁿ↓◀◆▶◆QQ@QQA♣@@S@◆√◆β@²@°!!♣AEEaIQSP♣@⊙QQ⊙S◆▪♥▶@δ⊙ⁿS▶▶◆▶◆▶AS||jjjkù^{-a}l j

◀P¶¶E⊙A⊙UQ◆Eπ◆·▪⊙

YA♦E▶◀@♦@ⁿ♦°♦≤N▶⊙⊙Q▶D@⊙@▶◀♦⊙Iγγ φUμγγi||· ||fierr°γθTμγγi||· ||σie♣A◀U

◆♣◆Q⊙P⊙EQ@≈⊙²@J◆◆⊙▪◆♣¶▶@⊙♣▪B▶⊙◆◆
▶\$UüU\$@@Q▶@°⊙ⁿ ▶@▶@◆ⁿ ▶◀⊙▶⊙@◆P⊙▪/D@▶@▶

o||eYr][J ¶||Zò¶r◊eYr][Z ¶||Zò¶rkreXr]Zr
j r°òzu°½ ||Wj¶ûRrj r°ò*uª½«||Wj√rRrj rªòie°▪

E1S♣♣@E1D♦≈@≈©·kD▶♦E▶◀♦⊙D♦♦♦→·δöll¬g^l·Fü^aθ_■j·

☺♦☺▶◀▶♦▶÷@▶\$◀U☺P@P\$♦☺☺ⁿ▶≤☺δ@≥

TU♠AA▶T¶DD@ | ♦√▶ⁿ♠▶D♦◀¶E☺▪

P@¶♦@▶♦☺◀ⁿ6☺▶♦☺¬ ½δ»Û°ûΓU [

PCL Font List

Sample	Font Selection Command	
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s0p4v0s0b4099T	0
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4101T	1
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4101T	2
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4101T	3
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4101T	4
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4113T	5
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4113T	6
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4113T	7
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4113T	8
<i>ABCDEF GHIJK LMNOPQRS TUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4116T	9
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4140T	10
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4148T	11
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4148T	12
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4148T	13
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4148T	14
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b4148T	15
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b4148T	16
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s0b4148T	17
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v5s3b4148T	18
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4168T	19
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4168T	20
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4168T	21
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4197T	22
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b4197T	23
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s0b4197T	24
<i>ABCDEFGHIJKLMNOPQRSTUVWXYZ</i>	<esc> (0<esc> (s1p4v1s3b4197T	25
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b4297T	26
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s1b4362T	27

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s4b4362T	28
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16602T	29
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16602T	30
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16602T	31
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16602T	32
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b16901T	33
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b16901T	34
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b16901T	35
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b16901T	36
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24580T	37
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24580T	38
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24580T	39
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24580T	40
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s0b24580T	41
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v4s3b24580T	42
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s0b24580T	43
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v5s3b24580T	44
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24591T	45
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24591T	46
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24591T	47
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s3b24591T	48
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s0b24607T	49
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24607T	50
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s0b24607T	51
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24607T	52
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s-3b24623T	53
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s2b24623T	54
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s-3b24623T	55
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v1s2b24623T	56
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (0<esc> (s1p4v0s3b24703T	57

ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (174<esc> (s0p4v0s0b0T	88
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (277<esc> (s0p4v0s0b0T	89
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (21<esc> (s0p4v0s0b0T	90
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (37<esc> (s0p4v0s0b0T	91
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (38<esc> (s0p4v0s0b0T	92
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (39<esc> (s0p4v0s0b0T	93
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (9<esc> (s0p4v0s0b0T	94
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (19<esc> (s0p4v0s0b0T	95
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (83<esc> (s0p4v0s0b0T	96
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (4<esc> (s0p4v0s0b0T	97
	<esc> (47<esc> (s0p4v0s0b0T	98
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (426<esc> (s0p4v0s0b0T	99
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (437<esc> (s0p4v0s0b0T	100
ABCDEFGHIJKLMNOPQRSTUVWXYZ	<esc> (149<esc> (s0p4v0s0b0T	101

☺☹TVÆ↯^az↯ûÛ↯ i ■ ↯



RTEü^aÑjXâûe ; ▪ ▸

RXFÆÑjXåû i ■ ~ RTEÆÑjXåû i j ~ RT♣æÑí jXéETò†UUVB

@D♦♦@P◀▶♣⊙⊙▪)▶E♣♣@I\$A⊙⊙@♦◀♣♣A`%\$U⊙ü@♣▶Df@▶f◀▪⊙²⊙♦♦°▼A♦_Y♦♣@`%\$EAA@fU♣♣@P♦⊙⊙ⁿ⊙♦♦²

☺▶☺◆D☺☺▶☺ⁿD▪♥@◆☺ⁿ◆@DD@◆◀☺·↑@◀☺▶◆◆◀☺|☺P@☺☺P▶▶²♥☺▶▪◆☺◆PAA▪▶D☺☺P☺☺A◆◆▶P@◆◆▶☺▪D@◆◆☺◆◆

© 2012 Pearson Education, Inc. All rights reserved. This publication is protected by copyright. Any unauthorized distribution or reproduction of this work is strictly prohibited. For more information, contact Pearson Education, Inc., 501 Boylston Street, Boston, MA 02116.

♠♦♣♠♠♠♠♠♠♠²

T@S@@@◀Q▪♥D♦@A@P▶E@@▪♥♣A♣▪A

♦@A@Aⁿ↑♦A▶AA@U◀U@@♦A◀QA▶@√

▶♦♦`◀R♦▪↔P

TP♦¶♦@▶@♦♣@T♦♦@

♣♣QEST¶U⊗æSA²♣⊗@♦@@▪1⊗♦⊗⊗⊗@QUP♣Q▶¶E⊗◀⊗@SE▶UP♣E¶¶EP⊗UA⊗¶ASEP♣ET¶D@ⁿ♠▶▶@⊗▶²A♦♦⊗♦⊗

◆♠%♣◆♠◆♠·♠²◆▶▶◆◀◆♣▶◆♣◆◀♠A◀♠♠◆◆▪T♠♠▶T◀♠◆▶▶◆♣◀▶DE♣P♠D◆♣◆♣U◆◀▶◆▶▶♣◆♠▶S♠◆♠D◆◆♣
♠◆Q◀◀♣♣♣◆▪L♠♠A◀♠◆▶◆♣▶♣◆A▶♠◆T♠▪ S♣◆▶♣♠Q◀D√↑◀A♣SQ♣♣SU◆◆SQⁿ
▶♣♠D▶T♠PEQ▪

@♦▷@D⊙D♦♦²▷▪♣@D⊙D♦√↑▷⊙@@D⊙P@♦I⊙♦IF!Q@▷@~&P@T♣@T\$ä⊙⊙▷⊙▷QT♦@T É@▷⊙PP¶I⊙DP♦√@@▷√♦♦▶▶

© 2008 Pearson Education, Inc. All rights reserved. This publication is protected by copyright. Any unauthorized distribution or reproduction of this work is strictly prohibited. For more information, contact Pearson Education, Inc., 501 Boylston Street, Boston, MA 02116. ISBN-10: 0-203-01187-9 ISBN-13: 978-0-203-01187-2

⌊ ⌋ ⌈ ⌉ ⊕ ⊗ ⊙ ⊚ ⊛ ⊜ ⊝ ⊞ ⊠ ⊡ ⊢ ⊣ ⊤ ⊥ ⊦ ⊧ ⊨ ⊩ ⊪ ⊫ ⊬ ⊭ ⊮ ⊯ ⊰ ⊱ ⊲ ⊳ ⊴ ⊵ ⊶ ⊷ ⊸ ⊹ ⊺ ⊻ ⊼ ⊽ ⊾ ⊿ ⊺ ⊻ ⊼ ⊽ ⊾ ⊿

♣ ⊙ T ♣ EQP ⊙² ▶ √ ⊙ ≤ ⊙ ⊙ ⊙ ~ ; ▶ ♦ P ⊙ ⊙ ▶ ⊙ ⊙

^a σ μ ε _ f Ñ [û δ ϕ] û ∇^a σ m e e [δ Ñ ♦

♣ATPU♣¶|@A@◆▪@◆≡@°VAD♣@¶|@@◆@YU«@¶ε^aUf ¶|| [δVÿfYU«·¶ε^aUf ¶i [δVÖvYU»@|¶¶|T@A@◆◆E@♣@



►@►@◆@@·@■c►D►A◆►@►Sj^a+σÜóò¬^a μϕ [σfσj^ajÑÜ^aò¬^a aϕkσfσzñkσÜ^aò¬^a¬öP@#@@◆A◆◀◆◆@Üσ&σjÑ



ZeàY¬♣♣dò♣QUA²UZà¬¬Z&♠Û♠Ñ¬ª¬¬ZeàÖ¬

&♠Û♠UZVY¬A►EY¬^f©Tû♣UYVYVVPEYÖ♣♣dû♣UYV

◆L◆i☺☺Ç☺0▪☺▶DDP@S@♣▶E◆☺♣UAUQAS@◆²K☺@◆@P♣▶☺A@D♣@◆◀@▶☺E☺D@I@◆Q@◀♣◆QQUDUUSX♣

♣♦A♣QA@T▶U@▪

♣A@♦QE@P▶D·◀A@T@Qⁿ*D@@AD▶Q@@◀♦A♣▶A@D▶@@@

♣E♣QBA@T▶T▪@♣A♦Q

Ⓢ▶P◆Ⓢ◀▶◆▶²◆D▶◆▪↑▶DⓈⓈⓈDⓈ◆Ⓢ◀P▶▪

◆@◆@▶▶◆@ⁿ@²@²D°@◆▶◆D◆▪▲@◆A@◆◆D@▶♣AT♠♣APAD♣T@◆≈ (▶@◆▶▶@@PA▶AD◆♠◆@@◆▶@▶@◆T▶@²↑@@P◆◆

☺♣@U@☺▶@ⁿ♠♦◀@@°☺♦@D▪▶▪☺@☺▶·☺☺♦▪@ⁿ☺♦☺°▶ⁿ

▶☺☺I IADPⁿ▶·☺@@▶▪♠♣◀☺@♦▪☺@♦▶▪♣▶@▶@☺²♠♣♦☺

♣♣▶▶S◀T@♣♣@·H▶▶@S@@@D♦▶▶@♦♦@@@@DE♦▶▶◀♦▶▶@@@▶@DA♦▶▶IDP@@♦@D@@DT♦▶▶◀◀
▶
▶

☺☺☺▶UD☺◀@√☺²A▪☺♥♦P▪P▪☺◀▶▪♥♦☺♦▪cA☺▶U☺◀☺◀☺☺☺¶@A♦☺D♦☺A☺▶▶U¶A♦♣◀☺A☺▶▶TA☺◀☺◀☺▶▶♦♦@Q



☺▶☹♣♦♠♠♠♠▶A² uD@▶♦♣♠♦♦♠♠A▶♠▶☹♦♣♦♦♠♠♠▶♦☹▶☹☹▶P▶♣♠♠▶☹T♦♦D▶☹◀@▶☹D☹♦♦♠♠▶♦

©@▶◆AP♣SS©©◆²>@T♣♣A▶◆T◆@P▶@©T◀A▶©◆©Q▶@©◆◀◆ADU◆A◆▶@©◆PS◆A▶©DU♣@TPP²8▶♠SSSE◆◆©T©♣S©
©♠▶XPAPADDA·◆♠▶◆©▪rA@◀♣T◀▶▶A◆©♠◆A▶◆P▶▶A@©◆◆©▶◆▶◀♠▶◆TT◆E©◆D▶▶▶©▶©◆♣©P©D◀▶▶A▶©▶©©

▶▶♣▶⊙@P¶D▶◆ΣR⊙▶▶⊙A▶⊙⊙▶◀@¶◆⊙◆▶♣→Ö■¶◀◀jU||¶Ñv r¬¶f¬ZÖ■¶i jV||¶Ñv ||j¶f^aZÖf ¶i jU^arÑf r f¶\$ÑV

►@@◆@►D@@@◻Z→òn^aεη ε∩z ƒ≈ZÑyη ÜUn^oεη ε∩j μ≈[^ay||ÜUn^aε|| «j ƒ^aY¶\$P@PA►◆P►E@◀e9||ÖUn^aφ[∩]

◆◆◆◆D@@@◆@►◆◻z►◆◆@D@P@►@◆@►◆@◻►@S ^aƒ^aV«û[∩]ççÑeθU ^aƒ^aV«û[∩]ççÑeθU ^aƒ^aV«û[∩]ççÑeθU ◀@

⊙DS⊙P▶▶◀Q▶▶≤'⊙◀A⊙♣⊙▶⊙⊙◀◀⊙PQ⊙A▶▶D◀◀◀⊙▶⊙⊙D◀A▪X◀Z◀r◀fUj f^a◀μσ||◀V◀·^◀fUjÛ||½μσ||◀V◀·^◀r⊙

◀
◀

♣\$T◀@A\$DDE▪☹@☹▶▶ⁿ◆≥☹· ☹@S\$U◆S@A\$D√

☹@PA◆▪

©◆◆◀♣©@▪

◆◊i◆◊◊Ç◊0▪oJB↓eÇEÑET¶Ûñ\$FZFZe↑) äEÑåT¶ÖñSeIASaÇEÑET\$¬ñ%fJ¶+¶ÇEÑE¶F¶¶@S◊B◊◊◊M&T\$¶

◆\$i⊙⊙Ç⊙0²1▷D◆¶AP◆\$U⊙`UT▷\$T▷⊙UUP◆\$U⊙▷◀◆◀¶⊙▷PS¶PE▷¶T◆DE◀\$▷DD▷♣P◆▷Q◀P▷◀QD▷\$T♣⊙UE

◀



☺☺☺☺▶▶▶▶☺◆☺☺|☺☺◆■☺²▶■

◆QS I 00 ◀ ◻ ▶ⁿ R ◀ I 00 ◆ GA 00 ◆ 00 D 00 00 A 00 ◻ ◻ ▶ 00 D 00 00 00 Q 00 ◻ ▶ ◆ I 00 ◆ ◆ D 00 ◻ 00 ◆ 00

©♦♣D♦▶♦♦◀♦▪♦@♣◀D@P@♦♦▶▪→E¶♦T♦@PP♦♦◀▶©♦▶¶◀UE@QP♦▪a♦@AQT♦üPU@SAU▶PSUAP▶T♦©P¶D\$DT▶Q

☺☺☺◀▶☺☺▶☺☺²☺ ■ ■ ▶

◀☺☺◆◆☺☺☺☺ ■

◆◆TD◆◆☺☺ ■

☺▶☺☺◆◆◀▶²☺ ■



▶◆▶⊙AS⊙◆▪

④◆▶◀④◆⊙④I▶④④ⁿ↓▶④◆▶⊙④▶④④▶◆◆◀⊙④④ⁿ◆◆⊙◆◆⊙ⁿA■

◆▶@☺▶◆@²♣☺▶◆▶■@☺▶■!!◆☺T◆☺◀D☺E@♣S@☺◆>♠▶▶@◀●☺H▶@H◆@☺E@D@U@☺☺@☺I@S◀W♣D@U▶@

AUDSPÉE@ @ %A >PA @ > @@@ <U♣TTA @ ♦♦ @ A ♦@D = ♦♦♦>@ ♣A♦@P@ <♦♦RdP
> ♦ A>> @ ♦>^n ♥< @^2 @>^n)@>@D<@AP\$P @ S@>@D D@>> @ @> @> A>√ ♠♦ @>
@UPU\$AATQASTP@ oD> ♦♦ > < ▲@ @D> @ @¶ @ ♦♦ @> ♦@>♦ <>>^2 [P>>♦@>♦ <>>♦♦ @
> ♦P♦ A>♦ @>> ♀@QP>♦A¶>>¶ 3EQQPETU□XQ@ @> >@ @♦♦@ @ ♦♣ >@ S♣@A@ ♦
<(\$♦ @ <i@>@Ç@0 √ ♠@♣Q@UP = @T@♣¶< ♦♦ ♦± @^2 > >^2 @~ >^n @° •♦@T♣U@T>
♦♦> >>D@> >@ S> @ @> @> @> >>♦♦@ @@√ /@@♦♦ @ ♣zrUòr*@i|| r{r;ç<zrUò; j@i|| rj
@@ ♦ @>@> D = o@A ♦♦>@D = <¶@>@>S@< > @>>T<>~ @> >^2 @π ¶ | @¶T@>S A@>P = ✱@
@ @> ♦ @> @> @^2 □♦ >>> @ = @A@ ^n >@>TT @S♣ D @@♦♦ @ = ♦ = ♥@ @Γ @> oAPAT @
A>¶ @> @ @@♦♦ @@Q = ♀< ♦@>A♦ A < < ♣@ @ @√ @<♦ = ♣¶ rR>>çr|| yçÖ|| Ü ¶ rR>>çr|| ÑiùU
♦> @ @@ < @ = †A<>P@ ♣SUC♣UP@ >@>• @>@• >σ @± @♣QP@ @♣U@> = %@ >Q@ @>@>@Q
< @@> @>@ @< = >>@>>@T♣¶@¶@ @ @D@J @^n @L ↔♣PU♣¶@> @ @>@♦ @¶@> ♦ @ ♦ = @>>
♦ @ @ @>@ >@ = ♣♦@>♦ ^2
♦ >@SE♣@A@ >>√ ♦ † >>@SQU@AP ♦♦♦ >>@>@> >• ♦ @>>@>@ = ♀@ @ @¶@>@>@ ≈ @~
>@> ♦>@>@>@>@~ ▲diUVEðûÛr°* Ö-rûðÑr-UVEðQÛe" <äE@♦ = !D@¶>@>@ >DE<D<DiU<eððÛÑ^ajµòrV
> ♦ > @>> @>~ @^2 ♥@ @ = >• ↔♣ZRð|| • F½ J roki*RUZRðñÑö T@>@>@^n 6♦♦♦ > @@♣A @JU
♦ @A>♦♣PDT♦♦† @σ @>P@SP@T >♦^n @^2 @@ = ♦^n @@ @>@ @ >√ o> @> @ @≡ ↔* .n r[
@♦ @<@PQ@ ¶@> @~ @> ✱@ D>@U@P<@ > ♦ = ♥@ A>√ @<@^n @> A = ♥@ @^n ♥@ @> = @> @>
@♦ D D@Q @>> >φ → UÜ½ ¶ <<U-rW^r!UPA@ ♣P > ♦ <@ <>A@A<@ > ST A @S>UAA<D>@PU
@>>> ♦@> > < @ = @^n > > @>@ = @> @ > @> > > > @ = ♦ J W<k^z || ¥^aYæ rUT@¶ @ D @>
♣ ♦@A>♦>E@> ♦≤ ♥♦ @ | @° ♣♣ ♣ @>^2 @>@>@ = □ @ > ♦ @ = ↓D@ @ ♦ A♦♦ P♦ @♦ @♣ ♦@>
<(\$♦ @ <i@>@Ç@0 √ O<♣UE A@>AY\$ÑRäiU^v-Y\$A@ñAY (ÑRäiU^v-ÜUQ@ñAY\$ÑRDhEfEUE♦A@>@I¶
P = o) èëHUEÖÖÇ @ = @>♦ = ♦^2 @^n *S\$¶IDEH@> ¶@ S\$@P = %IIHQ@>UÇ<S\$PP&I) èèHU♦DUÇ<S\$LPÑ@r¶
<(v♦ ¶ <(\$♦ á@ <i @>@ 0 @
<i@>@Ç@0 √ 2@>D¶@PQD@AP>aS@>P¶D¶@P<@ AP>Q♣>♣P>D¶@>@QD @P¶A♣ ♣>>@ = "U@ E>>♦ ♣> @
@♣ @P> ♦@ < @ = #♦ > ♦ @♣@>@> ♦ @>> @>A @>>>>@>^2 @@¶ = O@> ♦ @>>@ @S> A@ @
@> @ @> A> Q@ = •E\$>@< @ = D = >>♦♦@ = >^2 @ = ♦ @ @ ♦^2 .AD>S>Q@ @ @> > D>♦♦
U♣PA@ S@ >AP ^2 @>AAQUI♦¶aD↓üD♣U@>@A@Q<@>>@> P T@>@A@Q<@¶P@> @>D@ >>@>@¶ @> @ D
♦@A@> S @> ♦ = >@< A> D>♦♦♦ ♦♦♦ @>P A = ♥♦♦@P^2 ♣D @ ♦ = □♦ < @ E ♦ = ¶¶@>@P@A
♦>U>♣♦A♦ E¶ >^n SE @ ♦ Q♦♦♦ ♣>> ♣@> = >> @E = ♣ | P¶U\$PP<@ AA @♣ >>>@>@< @ @ ♣
♦♦ > > >@> @
@>> SQP>E> AE ♣♣♦> >> >>^n ♦ = ♀@>@ @> @> @ = ♣♦@>> @ = ♠♦> @ @> = †♦ @♣@ > ADP>
@ A@> @>@>@> @>LAE@>T@¶U@¶ @A@>@>@>PP<♣>UD ^2@>D@>TP\$SETUæ>@E QUAD>TTD♣\$U¶ @A♣
> ♦♦> > @>S >^2 @ = @>♦ = S♦ @> > @>>TET>P¶S@>Q♦ > >†>DD @ ♦ P♦ > ♦♦ D@> <• ♥♦♦
<i@>@Ç@0 ^2 !!♦ @>@>T♣ >TT A>PU>♦@∞ @^n @> @π @E@♣A@AT¶ @> >> @> @> @D @> @^2 •>
> < < >>@ ♦ @^n @° X<^ajòNγΔδif<rnrγ·ûÑjðÆEfaUA@>@>@> @>@>@E QES S@!·âÑZð½UjÜee
@ T@>@>>@> @ ¶ @ √ > \$>>@¶P> S@< >>@>@>@ @ > @> @> @>> L♦ >♦ < D♦♦D
@@ UT¶D> ♦ √ o@>@>> >@ √ ♀>♦ D >@>@ P = ♦@>P>÷ @> †@k<ÛrεZrVÖ [¶ÑzyÇ@UT>D♦
>@T\$E@¶@P>@A @^2 ♀>@> @>@ >@>@!>♦ @>@>@ A > @>@> @ @>A>D@< @>@± →Sj@rÑU-rT^
>♦♦ @>@♦>> @ = ♣A >@ >φ
%<°Û½|Zj-YT@A@ = +> P<@ @>@>AA@ ♦ ¶PQ @¶@>>@> > ♦A> @ > A^2 S< D@> ¶¶P@AR@>
@ S < D@A♦ @>@>^2 †♦ @> @>>@ >> @> > < @>T^2♦♀ > > < @>♦>>^n @√ @>@> (SU r||ifr-j>D¶
<i@>@Ç@0 ^n ~> T = S@i♣F†æj` ♠IfVr→¶r-iSâXÑj` ãÜ^ar+¶fr-iSâ†ÉjP♠IaQe→\$S@e♣F♣PjP♠IaQe→
♦eTTU¶¶d@YRE@P = T = □> >@>@ @ = OUT¶T> \$@TAE@ÉE♦D-TUU\$¶d@TQE@ÉE♦U-eeÖ\$Ue@URE@ÉE¶
♣\$YT`@Uö ZJÑE♦÷ ~♣@>@> @>E>> ST ♣♣UD♦ ♣\$UT> UT @♣eE@>=SÜD`@Uö →¶fëIAU[o ·aQYö
<(v♦ < <(\$♦ í@ <i @>@ 0 >^2 ♦ = . . .
<(\$♦ @ <i@>@Ç@0 √ <A@BQPU>ATS PT†>>>AA@QU@AT♦ >T >¶A@>@>P>@P♣ >P >>A P@PS @♣
♦> @ @ > D>D ♣ = ≡ ♠♦ @ ♦ J •@A♣P A ♣ = <@@♣ A A@ >S @ @>@♣ > @> ♦ = ♦ = ♦ =
QT@ D>♣ ♣@P♣†T=U
TA>D ♦@> <♣>T = C@PSU E E¶QDUYT@P<Q♦ > ¶<A E<@ @¶D¶ D E<Q DQ@> ES @ A♣@ A>
@>> > T♣ TDÇ♦ = @♣@> PDT T√ >• @> ♦~ ♥@ >~ □> D > ♦ = ♠@>@ @ ¶> @ = µ♥@
@♣ TUBFU@QPU>> ¶ D@ ♣♦ Q ¶@^2 @> TE EE PPE = @↓ @E S@ D@E ♦ @ @> @A T S = /< ♣
♦ @> @>@>@>P ^n >→ >@>@>DP>>> <> >@♣>UE = L <¶ D♣>DST@>♦♦@¶ >♣>PES@ = †
> > E@>D >>>>√ ¶@>D @ ♦ > ♦ = ♦ >@ = □> > >E = →♣T¶A♣♣Y> S D>¶¶ >>@ @>> @
@<> <>> ♦ > @¶ @¶ = ♀@> >¶@ED¶¶D¶^2 eQ> S QD¶>♣>@> >A> < E¶¶¶@¶¶@ @>P Q♦DD¶¶@
<(\$♦ @ <i@>@Ç@0 ^n <A¶¶>>@>@>@>@>@>@>@> @ = ♦¶ @φ @¶E♣¶¶>>@>√ ♦ = ♦ = ♀> @
@>@ A@ <♦ >> ♦ = C♦ @>A @> >♦ @¶·r~Ûr½ððσ¶<Örû ·r~f r^a½ððσ@<Örû ·ÖnÜÜUFAT¶@♦
@ TUDQ@>T S D T = @♣ @ @ @~ @♦♦¶ @σ @> P TUD@ Q÷ > >†>T <>> @ D>@> <> @>D @ = ♥
♦ @ DT♣¶ A@ TS^2 ♦@ E>♦^n *@>@> A>>@ @ @<@♦ @>@>@ @ @ D@> > D ♦♦~ &_r- f^aÜÖ¶
>@< ♦P >@> = †@ > ♣@ADS <PP@>> >• ♣♦ >>>^2 @∞ ♥♦ √ @♦ >~ P¶¶♣AP♣@< = @>@^2
D@U♣ @ E ♦ A¶π @≡ @¶ @> >U@ S S = oA@>>@A ♦ = ¶♦A @<@♦ @> @^2 ♣♦A ♦P>~ ♣>D

^~Ñ#Ö;||VÑ~r-Ur j;^~Ñ#Ö;||VÑnr-Ur-rThIdQ@ @@@ @@> P >f#Æð; jVÑnr-Ur-rj-rZhÑræ; jVî*~r-Ur-rj¼
TS@@UT PE<T@SP @√ •> > ♦♦♦ □♣ @UT PU 1♦♦@ ♣♣♣ > <P♦♦@ D♦ >@ @ @ ♦ @@
D ♣E♦@QAE@>@S @| ♦Γ @φ <D ♣AU@U@>@> @ > ♦A< A>@@ @² ó♦ @♦@ >>> >² ♠@ @♦ A<
@@ TT@A @T <♦≤ ♦≡ ♥@ @ >ε >√ ♣@P @VT@P@>P \$♦♦ⁿ @>@ A D >@. @²
@< @> <@@ @@ ♦♥@ Dⁿ @@@. ♦J <♦û°ÛjJªYi½VjjféEAVU♦ > @. 9@@ DD@@ @P \$DE-Q
A @ >@ @ ♦ @J <→→µeUbÑòw█~W°ö«V-YÇ@ @♣ <P@< ♦8 @@@@♦ @ E@P@f; jÍDESE♦bÆ-rVóæj
♦♦P>@A\$ST >>>P @@ @. (♦ ♣P @@ ♦@ ♦ A ♦@ @ @ >D >@ > @@ ♦. ♥@>@. ♥@> Aⁿ
@♦♦A@<♦AP<<<² @@ >≤ @. @√ >√ □@ > \$U♣Q. >♦A>@<@ @♦♦A> <♦. <f @♦ @.
A♦@ >♣@>> >@♦² •@ ♦@> @√ ♥@ >÷ †@ª«riæmjUPXdS♣A @♣A>@D. !!♦♣Q A♦A>SfP f
♦ @ @ < @>D @² ♣♦ @ A. @D♦. @² @ⁿ ♦>@ @. ♀@ >♦ EA♣ < @∞ > @∩ \$> >P@♦A
@f @ DD>AD @♦♦. D² ♥< >♦♦ ♥♦♦♦² †<@>@ @♦♦ @ > @<>@@ @♦J >♦. @~ <TEª ræe-r↓f
fQSUfU♣US♦<@ D. ♦π >♦. @≤ ° @ >DAUPA>P♦♦ @>A@@ PDD² ♀♦♦ ♦>@ @<♦@>@†D♣♦♦
@ @ @ @>♦@@. óU@A@Q<♦ E♦ >² @± @± @@ ♦√ >. @~ ♠@S@A@@@. ó@ >♦ > A@D² ' @
@A@ >♦< @> >√ L> ♦ @>@ @ @@@ @ @@ \$♦ >@ @. ♥@ ♦>² @ε
@@`ó_ä†<@f @>. 1@ ♦♦ \$♦@TD>IA@ÇU@S f@Tf >@@@ @A♦♦ ♦ @ > @ @² ♠> >♦♦. □
<(\$♦ @ <i♦@@Ç@0 ² ~♣TaÿQ <àh♠ÛUò!E ~ñäÿ< @àh♠ÛUò!D Zñb-rQ <àh♠Û<@!♦ YöaÿQ @EX♠û
ÇöYDUAòñT*ZàQA=@BP\$@ PP \$♣D@B@@ÇöYDUEòñT*FàQV@@ÉöZDUEòñT) Fà<V@@ÉöZDUUòñT) FàQV@A
ÉöZDUAòñT)Eà<A=@,P\$@< PP \$♣@ A@ @ÉUDUEòñT)Fà<V@@ÉöYDU UT ↓Eà<V=@óöYDU@òd♦)Eà . ~
Qf@üf&ñ>TjÛ\$U@ⁿ ~@ >> @D>> ♦@> @>ST>fUU VD SQf@üf&ñ>fUU\$VD♦SQf@üTjñ>TVÓ\$FU♦→ª j
♣DIéY_@biéÖQP² @@² ~ >@ > @♦EATS <TP<D<P P@♦iüX\$ QdP!à<`<Q♣DèéYS@adPaÖUd<U[«
<(v♦ \$ <(\$♦ á@ <i @@♀ 0 n @♦ . n @> @ @ⁿ n @@
<i@@@Ç@0 ; <@PDQRTQPE@P♦ @♣\$♣>DQ@>@>♦ P > <@@Q@<<<@>> > ♣ >DQ <A>@>² a♦ @@
♦ ♦@ >>@ @ @ⁿ ♣♣♦ >@♦. /♦ ♣♦ >♣♣@>A> ♦ ♣@<S@EAA@>@ ♣ %@<S\$UAA@>@ . ~Sf♦
A@><♣ ♣ @ <ⁿ]<♦ ♣ >@ @ \$ A> P♦ @>D @<@>>Q@ >>> ♦@ @>@@ @ >@>@QAE@P
@♦ >♦ > > @D. ♦. ♥@>P♦. %fE@Af@†P†T@P @D@ @ @ @@ >@D@ A @ⁿ @>. >ⁿ @ⁿ
>f f♣\$@PPSE@<. ♣♦ >♦♦. @f@² ♣@> ♦ >♦. @@D² ♠♦ @ ♦. √ @> @♦♦ <♦♦. ,PDf ♦
♣\$ E AY@PEET @>♦ ♣. @@ @ @@ A>♣ > @ P >>D. @f@f. \@P >♦D @ >T @ P >>T A@♦
@P@f\$U♣UAD@>P@² 5♦♦D @ ♦ @♦♦ @ ♣♦ <D @ @ @ ♦♦ < @ @ @ ♦ @ ♦ f@ D. U@P@♦
DD>f ♦@ @ @ @ⁿ <♦. @. ♦² <A<Q<@>>@E T @ A<D>@ ♦@AA D²
@<D♣ ♦♦@ @ @ @>≡ ' @ @@E @ @ D@DS >@A@ Q ♣ DDQf@ f DE Q² +DEA@@@>@AE P @
♦@>< ♣ ♦♦♦ >² <A♣>> ♦ <T > @ @f ♦@A♦ E♦ ♦. Z@f@@@>@E♦ >♦♦@AUPE@Bf>UU@f >♣
A>@> @A@>D @D. †DD♣ @PA D >@> <♦PA @@@@. -@ @@@@ A@>D @ @♦ <fUS@♣A@>D D>P♦♦
<i@@@Ç@0 ⁿ
♣>♦f@♣PT♦UQ♦U÷ @| >² @± @| @² @♦>♦♦@>@P@ⁿ ♀♣>@ ♦♦>@<<@ⁿ ♠♦ ♦ @ DD <
> D @<♦ >> ♦ⁿ ♥< >D. ♥> ♦° %♣ç|ÑjÑ[R||ªkYj ↓Zç|]jÑ[Ü||ª*U♣Ée♦ > @. /> >T@A♣
@Q@<♦ >@AP@P♣~ ♥@> ♦± ♦÷ @² ♥> @|
♦ @Q@fD>@ AT>D² ♀@ @ > @ ♦@² <@>> > @> D ♦ @ @A♦ > @ @ⁿ @<² @. !♦ [û-rÑ
<>♣ > @>@ @♦° Xj½°kòo VÖjû Rûç~j½°kòZñVÿ-ræX@P@♣ D @>> <@>P@>@VKª*òj@VÖ||û UâÛ
@ Tf>@<@ Pf@♦♦° @@ >° ♦r #@@ XS♦ <@@f@< @ > @ > > @ @ >√ .f@f D♦ @. @>²
@>@>P<A> >E>² @φ @. ♦J >ε @♦@>@A>@@. @D> D@ P ♦ >² ♀♦♦♦♦ @@♦♦ @² ó♦ >@
>T>f♦ <AA>@@f@° @@ >† @² >♦. >f@♦♦ A @ ♦@ @ @>> >@ @@> @ >>♦>@>√ .P >
<@@@D @@@f♦♦∩ @≥ @≥ @@ >~ <@@@@PUC A@Q @♣ @. @. ♣♦ ♦ @ⁿ @@A. •@ E ♦ @
>♦ ♦A @ >♦ @° @. CQk r-rZ½ÛÑÛ~kUVyhAQQ ♦@ A @ @ @@ D ♦@ < T♣ ♣eH@TVÇ→RDQèª→
f@ TfP@ Q@ @≥ >≡ @² @µ ST@ U>D> A> @ @ @ >² Aⁿ >♦. @♦ @. †< @@ @ ♦♦
@>A♦♣@ @SSQ@>√ ♦² @~ ♦. @> @÷ ♦. ♥@ @~ †> ♣ P@P♣@@ f@D >@@@@A♦♦. f@♦♦@@
D ♦A @@ @< @√ @. @. ,TÛ«Æ||ÛZæzUTE>Q f@ < >@ @ @PEQ<♦ D >Uf@>>ED♦A. ' > >D@
<@A♣ A@Tf@f@A∞ @√ >j ♦. φ >@f@<E >@> >>> @@A @@ D<@ @ @> @>A AT\$♦♦ >A
Si;PTÖBQ@A@♦♦. &@>@ @ @@♦♦♣U >UA<P>@AQ@A♦ ♦D ♦A> @ @. @♦♦² @@>♦. @>. ♠> D
> @ >E> @@ @. @@ @>> @@° @@>>@> A. ♠@ >>>@@. @@√ @. ♦~ @@P †EA >@.
♦@ ♦A A>> A² ♀@@ E>>E @>♣.
♦@ @< A >@ @. ♥♦ ♦@τ .♣E ♣♦@>@@ @>@@ @@ ♣f@<UPPfòWZ@ª@v-ròS<fEP@<@>. ♣♦ ♣♦@
>D♣ T@>> ♦r ♥@ >~ @ⁿ f@ >D @ @ D @@@ @<² ♀@ @@ @ ♦@f♦. ó@ @> f@♣ >♦
<i♦@@Ç@0 . ~>♦\$P\$STT@Zò>jÇUZe†UP>\$STT@Yò>j@PZd|SP@UTT@Yò>Y@P@d|SP>\$STT♣Yò>Y@P@`f\$P
\$æuò↓Ud`Yè@dP.fóEeUQSUPPf@E@. 6>E>AQ@>P@E@>fSeèÛª↓UeáiÛTeUfiiè||½rñr||«|Ñ|Ñhi
♦eTUÖ\$UyFYQA @. P. †> >D@E@É@ UTfT> >@@ P. ♀UTfT> f@D@@ P. \UTTU> \$@D@E@ÉD♦
\$UUV♣Ñ||Û-r!æ >. ~PTASy<òDQ@P\$UPS♣QUEUY<æ >@P\$UPS♣QUEUT<Q >@P\$UPS♣aeFvi!òDQ<P\$UTS
<(v♦ → <(\$♦ á@ <i @@♀ 0 j√ @ⁿ j j j j j j√ >ⁿ j j j j j @ >° j j j j @ @
<i@@@Ç@0 ² ~@♣\$fU@è@UP@f@f\$@>@D>D>\$♦@P@ ♦♦f♦ A>DAEE> @ ♦♦@ @E ♦@A♣< ♦♦♦ ♦♦♦
♦f♦ @@ <♣@ @>. @ >@>@D♦ⁿ /<<@ @>@<U♣@A>@♦♦f P♣♦D♣U♣D>P@T\$♦ @♣f♦EUE>>@ .
♦ >>T>E>P@f@@² ó@ D>A@@ @>² ó@ <T>A@>D @>. ♠T @ A♦ @>√ @>>DD> @>. = " á!XSET

⊙▷ ◆◆◆◆ @ D± ♥▷ ▸▪ ◆° @ⁿ ⊙◆◆√ ♥A⊙ A▪ ⊙◆◆◆ ⊙▷ ▸· ◆√ ▸· ◆÷ ⊙· ↑⊙ @◆D⊙
◆▷ ⊙◆◆ ⊙◆◆◆ ▸· ⊙≡ ◆÷ HD▷⊙⊙◆◆◆ ◆¶ @ ◆QDQEE+¬ÖZÛµV||ûU»«ÑZ_röjèU@¬¶ A◆◆⊙ ▸D◆◆
←(\$◆ ⊙ ←i◆⊙⊙Ç⊙0 ▪ ←BAY¬j¬ûÖÑÜóQP ⊙ ◆◆D A◆◆Q▪ ♂▷⊙ET ST BYPE=QLPQB@X@YÖ)éYaI
UIF¬ö` e¬rR¬bQ¬r¬→Öèj;ñUi¬r¬Q¬QQjeûIFfÿ` e¬ÑQ ▪ ~↑zjs¬↓θjiz¬r¬J (ûhVfrfäñ↓d♣Ññe♣↑t↑
PP&JièèHU◆DUÇ ▪ ~ñYÜ¬r¬%ZèUéVÛjñ!ñ↓èª%Û%VèUéVÛi` ¬ásèª%Û%Vè\$éVYeP¬¶ ¶áª%Û%VèUá¬r¬¬ñ
←(v◆ → ←(\$◆ ⊙ ←i◆⊙⊙Ç⊙0 ▪ ↑¶♣♣PUPVPQ◆◆◆ ◆⊙♣ @◆◆DA▪ ♠◆ ⊙⊙ ◆@ ¶▷=◆· ▸ ⊙◆◆
⊙ ⊙A ◆A Dè@◆◆ ←◆@ ⊙ ⊙▷D ⊙ ▷@▷⊙⊙Q⊙A\$AD▷◆@ ▪ ▸* ▷Q⊙D ◁QD ◆A A▷◆ ♣◁ A ¶Q ⊙ ⊙▷
▷ ◆A ▷ ◆◆ ▷Dⁿ ◁@@⊙P▷ ◆⊙¶P ◁@ T ▪ ~\$TU⊙◆ \$¶üE ▷E◁▷▷◆D⊙ ▷◆⊙ ◆ ⊙▷⊙ P◁ ◆◆ ⊙
A @◁ ⊙◆P P⊙ ▷◆ⁿ ♠▷ ⊙⊙ ⊙¶√ ♠@◆◆◆ ⊙@▷D⊙ⁿ \P @◁ ⊙⊙@◁D⊙@◆◆ ◆QET▷ ⊙♣▷⊙¶ @▷◆ @QQT◁ ⊙D
¶◆◆@ ▷ A @ @◁ !!◁ ◁ ◆D◁QAH@TSP▷ ▸◆◆@▪ ⊙▷ @▪ ◆ ▷ ⊙ ⊙ ◁@@⊙¶¶@◁ U♣\$@DPTQ⊙ ⊙▷▷P▪
▷ ▷DTT⊙◁P@ T ⊙▷▷- ▷D◆ ⊙▷ @ ▷▷ ▷ ▷A◁⊙⊙ @ ◆ @ ▷ ◁Q▷@◁@A ▷◆A▪ 3⊙\$▷D⊙◁ A ◆▷⊙
AEPUUSAA▷D DE@² ▷@D♣ A ▷▷QDE@ @@▪ ↑A @ ♣⊙¶ ⊙QÉV%◆@@ @▷◆ ◆▪ @· ♥@ ◆▷² ↑◆@A⊙
⊙ ▷ ▸◆ ◆@@ ▷² ♠◆◆◆◆◆ ¶◆@@=⊙▷D⊙E◆¶T◆ T@⊙ ⊙ @· ◁D @@◁⊙@⊙⊙ ◆ ▷◆ DD² S@ ⊙◆▷▷P
⊙ ⊙E¶A E¶ ◆♣▪ K@ AED◁ ET ▷♣D @@ AUPQ@UP ♣SD D@@ QF@U@ET▷◁♣A ⊙@@ ATDE QT ⊙DE⊙
⊙@ AUDU▷DP ⊙◆√ ◆▪ ↑E▷ ♣D ♣@ ⊙♣ A D ▪◆▲ ▷@@ @E ◁ EP ♣@ ♣@ A⊙ @ UP ◆² :@ ⊙
▷ ¶⊙PE◁P♣Q◆@ @ⁿ
⊙ ◁ P\$S¶TEÉ ⊙ ▪ ▸▷ ⊙ ◆A ▷² oD@ ⊙ ▷ @ ◁√ ⊙T@▪ \$S @⊙ ◆ @ U▷♣@¶ @ ◆· ◊AT⊙P◆▷ @
⊙▷ A@♣▷@ ▷ A¶▷▪ ←▷ ◁@♣\$▷\$S↓UU⊙ ⊙PA!@◊SQ@T◁UE▪ ·◆P ◁D♣▪ ~P⊙PSà@T⊙AU♣UTSE⊙⊙PSE
A◁ ¶ ¶EUPA◆@ ⊙· .◆♣\$▷◁D ◆⊙Q⊙AP◁¶ ▷A◁P◁♣ ♣◁P⊙A◁◆P ▷E▷AD ◆♣@ ⊙ ⊙¶▪ ?T A◆ ◆\$P⊙AA◁¶
⊙ ◆ E@æPQ@@ ▷² ▲◆ @@◆ D ▷▷ ▷ ⊙ D S@S▷U@@◁ ⊙ ⊙~ ▷² ⊙◆ ▷ ▷ⁿ p◆ ⊙ ▷◆◆ \$PDP@
←(\$◆ ⊙ ←i◆⊙⊙Ç⊙0 ▪ ✨⊙▷▷♣ ♣⊙ ⊙PA @ ◆ ⊙ⁿ ⊙° ⊙° ▷ⁿ ⊙· ♠▷\$Q◆ ⊙ ▪ *◊◆◆◆ @ D
◆@A ♣▷A D ÉPQ⊙² ⊙@@≥ ⊙@◁· ⊙▷⊙· ◆° ◆ⁿ D▪ ⊙▷ ▸▪ ♠◆◆◆◆@@ ▷▷ⁿ ⊙◆ ⊙ⁿ ♥@ ▷· ⊙@≡
T¶E ◆◆◆◆◆◆ ◆◆_ ▷~ ⊙◆◆j ♫@ D¶Q ◆▷ ▷◆◆◆@▪ ↓◆◆◆◆@▷ ◆ A◆ ▷◆◆◆◆ ▷ ⊙▪ ♠¶ @▷◆
QPP@⊙⊙U◁◆◆◆ ▷÷ ◆δ @π B◆◆P◆⊙ ¶◆◆ ⊙ ⊙ ◁ @D⊙ ▷D◆◆D ◆ A▷@◁ ⊙◁◁ ⊙◁ @◆D@▷ ⊙
◁ ▷ ◆ ⊙ ▷ ▷⊙² ◆◆ ▷ Aⁿ ⊙⊙÷ ♠⊙ ¶⊙ ◁◆◆ ▪ ♂⊙ ◆@U ▷Q♣ ◆ † ▸▪ ▸▪ !◁ ◆ @▷ ⊙◆◆◆
⊙ ⊙ ◆@▷ ⊙¶@◆▪ ▪ ♠◁♣@▷⊙T @² ⊙▷ ⊙≤ ◆π ⊙▷± ♠@A⊙ ▷ ▪@♠ @ ⊙A @@² ▼@◆▷ AA⊙⊙
T◁U▷ ¶⊙◆ ▷ ◆▪ @≤ ∞ ▷· ⊙⊙ @· ◆▪ ◆@◁◆PD² ♂⊙ ◆@@@◁◆◆◆⊙▪ ▸▪ ⊙@ ²@↑D ◆@ ▷⊙
⊙ ◆▷⊙ @DS▷Q◆@▪ ∞
⊙◆▷▷⊙▷▷ D ◆◆▪ 8DA¶A◁@ "V°Ñjεε||εyùûZ¶|_r¬¬aÑ*ε¬bÖdVUA▷▷ T ◆T@@ETU▷Q◁▷ ◆▪ D▪
▷▷P◁◆◆▷ ▷◆◆◆ \$S@T%DbÖªç;U¬Ö¶Rg¶|z||U||OªÛ;Uò¬ÖQSP▷◆◆▪ ↑D♣▷@S P◆◆@D ◆ @ ◆ ▷▪ ⊙@
⊙P¶AA@◆Q♣ ◆◆° ♥⊙ ▷² ◆ ∞ ♠◆ ⊙◆⊙▪ ◁◁⊙ ▷◆ @▷ D▷ @ ◁⊙▪ ↑◆D▷▷¶ ¶⊙⊙ A◆ ▷▷
⊙A♣¶¶¶D ◆ ▷⊙ @▪ ▸· @| ▷~ ⊙⊙ @▪ @ⁿ @ⁿ @² @▪ ♠⊙▷ ◆◆◆⊙ ◁² @▪ ◆◆◆◆◆▪ ↔A ◆
◆ ◆ ◁ ◁¶¶ @⊙ⁿ ⊙◆◆⊙² ⊙| ⊙▷▷· ♥@ ◆◆▪ ⊙▷◁ @ ⊙@ TF{¶_r;ç«zrYò¬rjθi||¬jªPÖQU @@⊙ⁿ
⊙ ◆ ▷ ⊙ A D◆▪ ⊙@ ≤@ @π @ⁿ ⊙≤ ◁D◆T@@ ▷@@ ▷ ⊙@QST@@◆A@¶@@ ▪ ♠D♣¶¶U ⊙ @|
▷◆◆ ◁ ◆▷▷@D⊙² ♠▷ ⊙◆D @ D▷² ♂♣ EA⊙◁P @▷▪ ♀▷ ◆◆ @@ ▷@D⊙ ⊙@ | ·@⊙⊙ @⊙ ⊙▪ ▷
◆ ◆ ¶ A@@ ◁♥▷ @♣² ♥◆ @e◆;¬Ü¬¬skijÜERÜPdT ▷@@▷ A♣ \$▷ ◆▷@@DP ⊙JSRZSñ¬ò¬
←(\$◆ ⊙ ←i◆⊙⊙Ç⊙0 ▪ ¶U♣♣\$¶¶VjÆò¬áó⊙P ⊙ ⊙▪ ~⊙ ⊙P@ @▷D♣ ⊙⊙ ♣UA UPT⊙P\$U♣ ♣⊙ EUQ@V
▷` ¬\$ ÑY¬Ji;ÇP▪ P² ·◆◆▷ ▷T@▪ P² ·P◆P♣¶T@▪ P² k`¶T♣UÿÇP ◆▷` ◁◁ `Hñ@e;Ç` Teá¶
òQ)ÑUZUÿZÑUªÜ*ª¬r¬↑ªj¬ÑjU;ZÑUÉV)VòÖQ*ÑUZUÿò ▪ ~♣Yá||◁÷√{ö¬ª ¶ñA⊙DEeU`V&@`U¬; ñA♣DE
←(v◆ ¶ ←i◆⊙⊙Ç⊙0 ▪ ♀⊙\$¶T ⊙PU!¶AQ◆▪@
⊙◆ ◆ @D @◆ @ⁿ ◊▷ ▸◆ @@ ▪ @⊙⊙▷² ♀@@ @@ @ ⊙▷◆▪ L▷D AD⊙ P@⊙U♣▷ @U ◆AT⊙ P@⊙\$◆
⊙▷ ⊙⊙ ◆A ◆◁@ ⊙◆⊙T¶AQ♣DE@♣¶▪ ♠◆◆◆▷ @ @▪ ⊙· Y▷A▷◆D@A¶@ A◆◆⊙¶¶@A A♣P⊙@ @ ⊙◆D▷⊙
\$ U¶TEEU@♣@⊙D◆² ♀⊙¶◆▷⊙⊙ @◆◆▷ ▷² >◆▷@@@◆◆ @@ ▷ ◆ ▷▷¶⊙ S@◆ @ ◁ ♣ ◆¶▷⊙ A ⊙ T ◁ ⊙
♣ ¶R¬PE@⊙ ▷ ▸· ♠⊙ ⊙◆ ▸· ↔@◆◆⊙@ @@ ▷¶A ¶▷SPOTS @ ▷▷ @² ⊙ⁿ
D PD⊙ ◆@⊙P @² ♥▷ @▪ ◁@♣@⊙◁@▷ ▷ @ ◆◆P⊙¶◆◆ ¶¶² ♂@◁P⊙◆◆ @▷ ▷D² ♠@◆@⊙D◁A¶ ▪
A¶@@▷ @▷ @◆▪ ▷D▷ ⊙▷ ▷T@◆◆ @E° ◊D♣¶ ♣TDA ▷· s⊙▷ @QP@⊙◆@ ▷¶@♣▷ ▷TUE⊙⊙@ T
◆ ⊙◆◆\$¶ P@ @° ⊙@ ² ♠@@@ A ◆ ▷· ↑@D ⊙ ◆ S◁@@ @@T▪ S◆ \$S⊙@@¶@@@⊙ @@◆ \$¶ A²
◆▷ ⊙ ▷TDS⊙ @@▪ ♂◁◁ ◆ ▷◆◆ ▷² ♀◁T◆ ◁▷D⊙ Q◆▪ ⊙▷° @▪ ♥◆\$S◆▪ ▸▪ @² L◆▷S ◆@▷¶
◆◁S ◆@▷ ⊙◁◁ @@▪ ¶◆◆▪ ▷▷▷@A▪ /◆¶D ◆ A◆¶¶◁@Q@ ◆\$S¶@@▷SU⊙⊙ R@ ♣\$¶ ◁♣▷UT¶@@Q@◆
←i◆⊙⊙Ç⊙0 ▪
◆@⊙⊙UU♣ AP◆⊙◆◆♥◆ @~ @ß 9◆ @AS ⊙ ⊙⊙ ⊙▷▷◁@ ⊙D◆ ⊙⊙ @⊙¶¶@ @ ⊙ D⊙ DQ▷ ▷◆◆ @
@ ⊙◆ @ ▷ ⊙▷² ♠♣◆◆▪ ◆▪ ◊D▷⊙@@ ♣▷D▷▪ ♥@◆◆ ▪ ◆▷P⊙⊙ⁿ ⊙⊙⊙π @▪ ♥@@ @▪ ↔▷ ▷◁▷ ⊙
▷ ◁ A @ ⊙◆ⁿ ◆⊙⊙ ◆≤ ◆≥ √ ◆ⁿ ♠◆ @▷◆⊙ ◆⊙ⁿ ♠◁ A¶@⊙ ▷ ⊙◆ⁿ ⊙U⊙ ▪ ♂▷P◆D@D▷D
⊙ ⊙ ▷ @D@ ▷⊙ⁿ ♠DD @@◆◁ ⊙· ⊙² ♥▷ @· @▪ @÷ ⊙◆◆÷ L▷DQ⊙@D¶UAAPA▷ ⊙◁ASE♣ TE¶DA◁
◁@ ¶▷ @▷ ⊙ Dⁿ ♥▷⊙ ▸
A @◆ ▷ ▸◆@◆◆j ♠◁ T▷ @ⁿ ♥▷ ▸ⁿ ⊙÷ @² ♂@ @▷ ▷ ◆ @▪◆\$⊙◆ XSVzûÿ·fû«ZªY«¬umÛUz
▷ ¶♣Q T◁Q ▷ @ⁿ ⊙δ ⊙▷ @· ⊙⊙ ◆ⁿ ⊙ε ♠@ ◆ D @◁▷▷ⁿ ◆▪ @@ ⊙▪ ▷@ @ ▷ ◆⊙A ▷◆◆ ◆ A
▷ ◆ ⊙ @◆ A A· ◁σ ◆~ ♣⊙◆◆ ▸· !@▷ ▷¶¶◆◆ @¶¶@@◁♣@ ◆T▷◆◆ ¶A◆▷⊙@ ▪ ♠⊙@⊙T ⊙
⊙ A◁ ◁ P@ ⊙⊙ⁿ ♠▷▷ ◆@¶P▪ @· @π ◆▪ ⊙¶ √ ¬@¶A◁AeUy†ÖVå¶àP▷QTP¶@A¶ (⊙ ⊙ @
←i◆⊙⊙Ç⊙0 ▪ ~⊙Yf♣@à¬hb¬*ESU@◁@◆▷ @◁ ◆◁ ⊙P@◁AUS♣ EU¶ DS ♣P@QAUU♣ EU¶⊙U%♣SUÉRAYe♣

►EUB↓Ud`ië@dP▪¶¶æVb↓U`↓ë@dP▪¶¶EQUQSUP`↓ë@dP▪¶¶\æVó↓Ud`YëPdP¶¶SSæÛª↓Udáië@dU¶¶S
UeAÛÆUò`Y↓òUÛ&▪~ªû-úÑûíZjõeZzZûUaAÛÆUQ`SSDSE&UUD-@UAPAPSSD¶¶&UûUaAVRTQ`SS@SE&Uû
←(v♦ ← ←(\$♦ @ ←i@@@Ç@0 ▪ *AAS¶¶QETS¶¶P¶¶ P ←@@♦♣ E♣ ♦♦>D T@♦@ ♦♦@ < ▶♦@ ▪ #♦D@
@▶▶@ ▶ @@<@> ♦♦←D▶ @▶♦ @D@▶ ♦♦>D@ @▶ @♦@▪ @<@>▪ &♦ @¶¶@ ▶ ♦♦<A@@@ ▶ @S P ♦♦
@@> D @ TP DP▪ L@ @E@ @QP <P@ <@@@A ▶♦@> @▶▶@ @▶@♣ ♦♦<▶ ¶¶ <A>AQ@@¶¶<T @<PP
P @♣@@♦PAQ < ♦▪ ² ↓♣P`%S♣♣ @¶¶♦♦ @ <♦@@ⁿ @♦♦ @ @▶♦@√ óD@ ♦ @¶¶D@♣▪ ♀¶¶ ♦
▶▶A ♣ @@▶▶@ A ♀▶♦♦ ♣ @¶¶♦♦ A ▪ ♦, ♦ ▶¶¶E @ ▶ ♦D♣ @PSSUA< ▶ ¶¶Q♣ ♣ @PSS¶¶EA ♦
¶¶ Q A♦♦@@♦♦ ▶ⁿ `P@@@ @▶ ♦♦>D ♦A A@ ♣ @ ¶¶¶♦♦ @@@A@♣♦♦ ▶@ P@ ♣ Q ♦♦♦ ▶
▶@♦@ ▶T@ ¶¶<A@@² @D@² ♥▶ @@▪ ♦♦@ >√ S@ @ >@@D♣ ▶D ▶PAQPPT-@ >÷ ¶¶Q>AP♣ ▶D ▶▶@
▶▶ < ♣♣ DDXe!@▶▶@A @▪ @@ ♦² ♥▶▶ @² ♦A@ ♦♦▪ ♣@ <P@E▪ ♀@@¶¶¶¶@PQ>♣>Dj ▣>QAPP A @▪♦
A @ ▶ @ >@♣² ó@ <T@EP@<@@² @√ u@ ¶¶>♦ ¶¶ @@@<♦♦♦ @@♣>@@ @@ @ ♦Q@U@♣ >A @♦
@oEe <QB @T<U@² ▣♦A @A@ @>Eⁿ ▣♣A @A@ @P>U▪ ♀@@♦A <AE @Q U² ♀♦ A @<@ @@U@² ▣♦A
@@STE>DP@D >@√ L<@D >D>>TD¶¶@>>Q@PT U¶¶<TDE♦▪S<@ D@@D>U¶¶@@>>@>>AD>T>@D@@
♦PD♦A>@> @♦ @▪ ♀@@ @Q>@ @¶¶ Dⁿ ♦ⁿ q@♦♦ T@ >PTD<Q> @>>@T@ @ATD<S > A ♦ D @♣TD
> > @SDUQ@D@@. ♥♣>@>♣L>@@>♣@ED@>Q>>>♣¶¶>>@@QD>@A>@>ITE @> E D > ♣>@>A>D>@ED
@♦ > >@¶¶@ P>√ @¶¶ P@T@>>√ ▣> @>> D>>ⁿ ▣> D T @¶¶ⁿ (@@> @@T♣ TDÇ ▣A > TDT
>UD@Q@ @U♦ @ @ @ ≤ ▣▪ ♣>>@¶¶@. nT < @@<>>@<@P>¶¶UU@Q♦ DE♦ @Q♣ ¶¶<¶¶D @♦ @Q @Q@
←(\$♦ @ ←i@@@Ç@0 ▪
T@@¶¶ ¶¶@>♦ @± @¶¶ >@ D♦ ♦♦ @ > @▪ @@ ♦▪ ▣@ ♦ @@ D>>² ▣@ ♣ E@ ♦♦ⁿ @▪ @@
< @@A D@@>@ @ @♦ ¶¶@@@ <♦▪ ↑¶¶ ♦ @>>@S @ @ @♣ <♦ >@♦▪ @@ @♦. @∞ >@UU < @ P
♦ >@ @ @<<< D>² @< @ @D<@>♣ >>@@. @>>@> >♦♦@. @@ ♦ @ⁿ ÷ >> DP@@ ♦♣>¶¶@
@>@@T♣@>♣A>¶¶¶. @▪ >>@ ♦. ♥♦ >| @@ ♦♦ @@♦² ♦. † @▪ <@@EA>>> S@>SD@>D
@♦AAP♣ @@> >. ♥♦ ♦∩ @± ♥▶ >√ ♦. @¶¶ @@ @♦ @@ S@♦ >@ >>♦♦ >> <> @>@♀<♦♦
<@ A@ <♦> @ ♦ⁿ ▪ >Γ &>♦ > >>@ E ¶¶ ¶¶@>>>PD@@E@S@<¶¶@D ▪ óT>D ¶¶ < @°
@@ @@>@ A >A @▪ >¶¶ ¶¶@D ¶¶ @@ @> @ AT D▪ @@ @D▪ >>> <A@ A @ > >~ @▪
@♦ > > @ @♣ @² @>@ >@ @¶¶j @° @ⁿ @. ♣@ >@ >² >♦> @>>>ûi{·ei-ry½ÖYjª)Túej
@ @@ D♦ >D >♦. ♦ß @▪ @~ ·>>D AD @▪ @>>> TD♣>ED DP @>♦ > ▪ ·E¶¶@>@ @² @ε
@¶¶A AP>D@@< ▪ ·T♣ @>@D∩ @α @▪ ♦² >√ ♦@ ♦♦▪ @>A@♦♦ @♦♦² ♥<> @▪ ♥@ @♦²
>D@<> @D¶¶@@A▪ ó@< < @Q>>A² >δ >÷ ♥▶ @² @@@. H¶¶@¶¶D @UTFZ½<<@>ñj↓QED P¶¶♦♦
@Q@à<> <<jðæ@@♦. Q▪ &> D DA @ > > ♣@PöX>ðæ ♣Te*DQHU>bòZhðæ@ⁿ ▣@ ♦♦D>>· ↑@ ♣@>
←(\$♦ @ ←i@@@Ç@0 ▪ ~P↑`>ûi[ð-FÉ@U >@¶¶ @@ ♣ U@É@U¶¶P@¶¶ @@@♣ U@P Q@P@¶¶ @@@♣AU♣
Éñ-Ö-ï-ï ·-ï-ÛëQV-@LÉUDQ Qd♦)FàQV@@ÉóYDUAòdD)Eà<R-@löYDUUòñT*ZàQV@@ÉóYDUAòñT)Fà<V@@
ijZeäÖ-ï-ï-♣d@ @ ▪ ~Vªª↑UÛàªªíDUi-ªªVªªûªªUÛªªæªªíDUiªªªªVªªûªªUÛªªàªªáT¶¶eU@ªªàªªûUªªZDªªáªªd¶¶eUªª
←(v♦ ▪ ←(\$♦ @ ←i@@@Ç@0 ▪
@ UUYTEUD>@D¶¶ⁿ ▣@> @▶ >>² ~>>D@>>♦♦ @> > @ < >>@> @>> D @>UD <>> A♦ P@ ♣
T ♦UQT@S> D ▪ <¶¶@ED@¶¶@UE@> @> D♣>ⁿ ▣♦ @> @ D@@▪ @@@@@. ¶¶@ >@@ >@E♣ >▪ ♦D@@
@@ @D <UR♣UP>@. ¶¶@ ♦ > @@> D @² LA >>>>@¶¶@E @UA AE >>P@¶¶@ @ @. >√ @D♦A @@²
A DA A¶¶>D@ DA² *>QP♦ D¶¶A @D @@A >>>>@>>A@@ @ D @@@♣ D>A @E▪ ▣♦ >>A♣♣D¶¶. A▪ ¶¶♦
D @>@@ @@♣ P@>♦. 0@@ @@ @@ > DD¶¶ >>D ♦♦ @>>>> >@ @ @@ @>>D@>>² @A♦ >> D♦
@ T>A@>>>¶¶@D>√ a@ < D♣ @ ¶¶@AD@@@ @< DA D@@@@>>D>@<>@ P@@ PD@ D>@>>@¶¶♦ @ @ D
♦ D<P <<@@Q>Tⁿ c@>A @@@ Q¶¶ ♣ A>A ¶¶@ @@@ @ @♣@@@ @ >> @ D>A PA @D ♦ ♣
@ > @@D@ ♦♦² ▣> @>T@>T÷ ¶¶@>@ D>P ↓ > >@♦ >· >² ♥▶ ♦. ó> >@@ T@♦² ¶¶
♦@@< >T@>>>♦♦ @@ >ⁿ @@>>² #> @@ @D @@>>>> > ♣ @T@@EQ>>¶¶@ >@ >· ó>>>D >@ <@ D
D ♦P@P >E <@. óA>@S¶¶A>S> ♦° ♣Q>>@ @. 'D>D¶¶ ¶¶TP¶¶@ @D ♣T♣@@S@E ¶¶@ @@ <D>@@@
♦ @ >>E ♦♦ @@. ·@< ¶¶ @D²♦. 9@ <@♣ P@> @<@>> <D♣♦ >A>¶¶@Q@¶¶@ @>@@ @@D >>D@>>
@ ♦ P@@ >E @@. ▣@ >>>♣@ <° ó¶¶Pàe@¶¶D@ @² ▣> >@@ >♦ @@ⁿ ▣>♦ >AA¶¶A@@>÷ ▣< @@ @>>
<D>A♦A@TP>AEÇE>QY@>AD@P<♣ D A@Q>@ @@@>>>@ D@AS >ADD <>@ @>>E AD@Q>♦ @ @ <
@@ D>EPQA @♦² s>@ A QE>>A♦A>SP>@D EQ>A@>A@AA>Q @ E¶¶@A A @ P @@ A@Q>♦♦ @@D ¶¶
A @♣>Q♦ ¶¶>T♦♣ ▪ ~T¶¶Q@ @Q@ <♦♦D¶¶¶¶@T>A @Q> SDED¶¶STPA@@ Q>♦♦ >¶¶D>A @>P <@E¶¶
←(\$♦ @ ←i@@@Ç@0 ▪ ▣P¶¶@ @>@< <ⁿ ♦♦@P>>ⁿ @@ @@ @@ >▪ @ @>D▪ @@>>ⁿ ▣< D@
>>♣♣Q A@>>>>≥ >· >▪ @@ >√ @≡ @j ♥@@ @▪ @♦ @>> @▪ @@ @ @ >@>@ >@ <>>> @@
<@@¶¶@>P>@>> >▪ @▪ >° ▣>D >♦♦± @ⁿ ♥@ @² @. >≡ >√ @ⁿ ♥@ A▪ L@ @@
@D@@A>@>E@@S@ ▪ ▣T@ @U@PA∞ ♦L ♣@ ♦@@@. ·@@@>>@>♦. >>♦ E¶¶. ♦▪ >▪ ♀>>@>D @>>♦
> @♦ >>D > @
@ >>A¶¶♦ @ D▪ ▣@ @@AD @. ▣@ @AA¶¶ >A√ @▪ @. <≤ 0@ ♦ A @ ¶¶P>♣ <<SjüUnªε-
♦@ ¶¶@ @ @@∩ ♥@ @j >≥ \$♦ @ @>@@A@>AD ¶¶A<ET♣P@>A>@P>P <A >▪ ·¶¶P¶¶@>>ß @
♣ÆÛ-∇Edj-ï-Y>áÇ. @< @ >@ @. >@> @ @>A♦ @@ @ @>> >@ @ @@ ♥@ @² @ⁿ @>>▪ @@< @
♦ @@ @♦♦>>@. ▣D @ < A @ >· >| @. ♣@ ♦♦ @ⁿ #@@ @ @♦♦♦♣♦ ♦ ♣ D>A@>>D ¶¶ E@
>♣QA¶¶@TS@A A ▪ ♣T>A>@> @. >· !!@ > >>> @ < AA @▪ †A> < @ >A@ @@ @>>@¶¶@
< D @♦ D>♦Q@. @@@√ @@ @Γ \$¶¶<A>> >@>> ♣RòÑ[û-Z@UQS@òT ♣>@ >@>D▪ >@¶¶@ ¶¶@< DSBV

←(\$♦ ☉ ←i⊙⊙⊙⊙⊙0 ▪ ~@@ TDQ@P> QD♦U @P TTAC @> SD♦U♦QP TTAP@P> SDI\$SDAP@TTAC P>
♦♦♦♦ ☉ XU@>>▪ <@♦> <@ I\$ T I ♦♦♦ ♠Q I\$D² i@P A@TQ >> D@T < @>T@B I-â
@P>T@♦ >>E ♦ I-DR>T@♦ I- I♦♦ S-AP I DD@♦ >>♦♦ \$EDD♦TD@♦ >>> E \$ATP>TU♦♦ I I-♦ ♦♦EA
@@ D <T I> I E I-♦♦ @ ♦@AUT ♦♦ h@ I@E ♦ >DD >@@- I T A♦♦PQU I- I \$ÇòT U R I D@QUT> S P@T
>♦D♦☉ Q@A@♦♦▪ ♦♦♦>♦♦>UAC² ✱@ ☉ I ED ASAQ@P@▪ S@♦♦A@Q @ ☉S@ ☉\$<<DA =AZ@<<< ♣\$
♦☉ ♣U S@>@S I- l@ ♣< S P P U@>PT@Q U T@SDP♣♣ T>TT@P♣@U >@♣E I T>PT@P U@UÉ% D`- \$- YQT
←(\$♦ ☉ ←i⊙⊙⊙⊙⊙0 ° ♦♦♦♦. <@ ☉>♦♦@ D@ > ☉√ ☉☉ ☉ > ♦² ☉ⁿ >² >² S@☉\$
☉ D♦ > >♦♦> ☉² ♦♦☉ @>÷ >√ >▪ †< ☉ TQE@♦♦♣♣> A ☉▪ □@A@ ♦♦>>D▪ ☉☉ D I D< <▪▪•
D ♦ @ ☉@P♦@² ☉>☉▪
@ T>P♦ ☉>>P@☉. >ⁿ □@ @ @ DP♦P² ☉< ☉▪ ♣♦☉ @ >▪ ☉♦ @. ☉♦ >▪ ☉@>ⁿ ♥♦ @@ⁿ #♦>>☉ @
@ S@P♦A♦ I ☉♦☉² L> P@@ <☉ ♦ @ @ I ♣@♦DA@☉♦☉∞ @▪ †> ☉ @> @♦ A >>>@ @>☉² ♣
>♦♦A>♦Q♦♦EP @ ° ☉>☉° •☉ @@ ☉@ⁿ @▪ ☉@▪ ☉@² ♥♦ ☉▪ ♦☉ ♦ @. ☉√ ☉² / I@ <@@@< <
> ☉ @ ☉ >♦ⁿ ♦♦@♦ >▪ ☉>√ @ I ☉☉ⁿ ☉~ □@☉♦ ♦♦√ ♦♦@>A@² †>♦ @E♦ A♦ A@ @>
♦<@ >>>@> ☉♣♦ >♥@ ♦ j □A- EPP♣@<☉☉² "♦D< DP♦ >>A ☉☉ ☉PA Q D< ☉♣♣ <☉ ♦PA< <☉ ☉
☉♦@@@☉ ☉ P @>>▪
♦♦♦♦ @> @☉☉ □@@ @> @ >>• ♦♦>> @ >√ @ⁿ ☉D >ⁿ L@@< ♦@D @ @P ☉♦♦ I@♣♣ T @>
♦@D@☉>> D @P ♦♦ □@D@☉ D >>>² ♀☉ D ☉>D D AP σ >> D♦A√ >² •@♦♦ > >• >± ♠T♣UT@
> D@AU I>SP E@² !> ♦@>>> @>♦♦ >☉☉>D>E I@UE@ I T √ ☉♦ >ⁿ ♦♦ ☉Dⁿ ♠>>@ >√ ♦♦
@☉ >♦ @☉ S@>>@▪ ♀D@> @ @D ♦♦▪ ☉² óD@> @ ☉♦ @>• >√ <>☉ >> T@☉\$T>S>> I♦>> I D P@
A ♦♦@@♦♦ @ @≤ @≤ @▪ ☉ I >÷ ☉ⁿ •☉ I ☉♦♦▪ ♥☉ >♦² ♣♦ >♦♦▪ ♥@ ♦ I @• †@
☉A @S @A ♦♦@♦♦ ♀A@> I < <♦A>♦♦▪ @▪ ♦A ☉>A² ♪☉♦ @@ S >> I@<√ ☉@ⁿ @² ♣♦ ☉ >♦♦▪
☉ >> @ D @ @@▪ @√ @▪ ♦ⁿ @ⁿ ♀@ >>> @>☉ ☉~ @² ☉ε ♀♦>@ ☉P D♦♦@<² ✱@> ♦@☉ I
☉♦ >> D@☉♦♦@▪ ☉☉ >÷ >> D@>▪ ♠>>☉♦♦@ⁿ ♀♦♦ ☉T♣@@> I> >• <@ A >@@>@<D< ☉ I♦@@@>@<
>♦♦ I>> I♦♦@S U@@ I♦♦~ ♠♦☉♦♦@▪ ☉>>♦♦• ☉♦ @√ >≥ •♦ ☉ @☉☉² ☉☉ⁿ ☉~ @ⁿ <@ ♦ @ >
☉ ☉ > @ ☉>@▪ ♥@ ♦² ♦> @@ⁿ □@>> @ @ ☉ⁿ +>>> AS@@ <@P@A@<@<♦ >@P@>>>@>A P@>
☉ I US♦ >>>☉♣▪ óE< ♣ @ > I♦@ j >≥ ♥> ☉ⁿ ♥☉ ♦² ♥> @ □@ < >♦ A² ☉>☉² ♥♦@ @ⁿ
EUUEP >>♦♦@@☉ √ @ j ♣♦♦☉♦♦~ @>>♥ >♦♦• ♥♦ > j ♥♦>♦~ ♣☉♦>D@▪ ☉☉² ☉▪ ♦± □>D>
@ >>♦ ☉☉☉ ☉ I▪ 5>@ I@♦ DES @E @@ @D@S@TUE□!D !Q>Q>T <AQUU□@E @D<PTDD▪ @~ ♦•
☉♦>@@> A ♦ ☉² ♦>@>T♦▪ ☉@≥ ♥☉ D▪ Z@DD♦ I@TEU ☉♦ ☉P>@DA♦>@QE> @ ☉ >@D@<@☉ I E♦
←(\$♦ ☉ ←i⊙⊙⊙⊙⊙0 ▪ \f\$-\$ZaIÜQubEYY→e♠<<<Y Y EY@QQDY→f-VUYjZiÜQe^Ujj→-VUUj-IY@Q
>>√f▪τ } ≈²▪∩ ∩• ▪ ~RàÖ-jrQûÖeëóbòeaEàr-&«εeù«ÑèóQUTQB@T@Y BYPEQQUTQBAY<jr-ÆYaI
←(v♦ → ←(\$♦ a♥ ←i ⊙⊙⊙⊙⊙0 ü ü² ü ü² ü ü² ü ü² ü ü² ü ü² ü ü² ü ü² ü ü² ü ü² ü ü²
←(\$♦ ☉ ←i⊙⊙⊙⊙⊙0 ▪ @▪ =P@TP >☉♣♣< @▪ ♀TQPP> I A@E@ A▪ ♀UQT@> <@☉☉ A▪ ,U>>T@ >A
♦♦P DP >@♦ ☉ @▪ → I@ I >A@@ @ Ç ETPP> ☉ ☉ⁿ ♀P@@P> >A@< T▪ ♀E>>P> ☉ ♣☉☉▪ HU
♦♦>D> ♣ ♣♣ED♦▪ ♣<UT@ \$▪ √ h I Q P@ \$♦ \$SUD I♦ I♣U> ♦♦♦ ☉U@ I ♣♣SU I A>D ♣SU♦ I♦♦\$SU
←(\$♦ ☉ ←i⊙⊙⊙⊙⊙0 ⁿ @√ ♀@@>@ ☉ A▪ <@<<<A>>@ <@< ☉♦D² ☉☉ √ ó@> > @>☉ ☉
> ☉ @☉♦ > @ I P ♣@☉ ☉♦ @ ☉ >>D♦ >☉ I P ☉ >>>° ♥> @▪ @♦ >☉ @ >▪ ♣>D@♦ @²
I♦♦♦ @ I A<P▪ >>>♦♦♦ @<☉ ☉ @♦ⁿ ♠@<<<@ >▪ ☉ⁿ ♣@SD< @▪ ☉>√ ☉▪ @@▪ ☉T♦▪ +>
♦ @ > @@@ >♦² ó> > @Q@< I A² &♦ > >EP@>T\$ >♦♦♦ D<A T@P<AA♦ I >E♣ >♣A>☉☉ⁿ □A
QS> DD @A @² &A >>D> @@♦♦♦ A>>♦ @@@ @ > A>>☉♦• ☉• ♀@ >☉♦ > @♦ √ SA
☉ ☉ DD >@>☉² ♦♦☉ D▪ ♠☉ ☉☉² ♥@< >√ ♥☉♦ⁿ
☉ ♣>☉☉♦ >>>@@▪ ☉>☉▪ ♪☉☉ < I< <@>> ☉² •PTA I U@S@ j ♣D >@>² ☉☉ >D@D< @μ ☉♦° ♦
A>>♣ I I A♦♦♦♦>> ~ ☉>@ⁿ @@♦ < ☉>² □@ @ ☉ >♦♦• @▪ ♦> A<ⁿ •@ ☉> <>@▪ ✱♦ >TD
>>D @<<<@@♦ @@▪ !!♦ @<D >☉♦ @ > @ @√ >▪ T@QOSA I<Q @☉ >@@☉>Q@>♣QAP@<@☉♣S<♣
A D>>>♦@♦ @@▪ ,@D>D\$♦ ☉> T@ AAT> I S\$AQEP>U@ Aó I I \$A@QEP U@∩ @² ♥♦ @▪ ☉☉~
☉☉ ☉♦> @♦A =@3A♦ ☉ I T T@>♣E@ D @E P<♣UT@T†UE@♠QQUT æ@XT PSU ü♣SAU >ⁿ @μ♦²♦
@A @> @@☉ ☉♦ ☉▪ ☉A >² →A ♦☉ D DQ@>@ @<< ☉☉> @>• j@☉ @ > @@ @♦A ☉♦@♣ >Q♣ I T
>♦ > @>♦ >♦♦• □D@ >>♦@² ♥>> >▪ ▲D>♦♦ @>@ I I @ A♦ I >@@ DA@>♦ @ @▪ >▪ gD> >
@♦ D <♦ @♦ @° ♦² ó@ @@ > @@>>² ☉A √ √ •A♦>@ >♦♦♦ <@ @ ☉♦ > T@♦♦
>♦ >>> @@ <@>√ □>♦ @☉ >> j> I >>T@<@< I E P@ <DP T†T@<@S I @@ >>@♦ @♣ @<Q@< <>D
←(\$♦ ☉ ←i⊙⊙⊙⊙⊙0 ▪ -iU→I†Z-Üi^Ñr-r-r-iQ@♣@EeEd@TX@%Öi iU@☉Z-Üi^Ñr-r-j-r~U→I@YÑE@U
←(v♦ I ←(\$♦ `♥ ←i ⊙⊙⊙⊙⊙0 ü ü² ü ü² ü ü² ü ü² ü ü² ü ü² ü ü² ü ü² ü ü² ü ü² ü ü²
←i⊙⊙⊙⊙⊙0² □@ I QP< I T▪ tDS I♣> QPS<T ♦ DS >♣ I♦ PPSUT@ <DT T@ I P P<DT@ >@♣♦ > P
♣T< S@A\$%AUDV=U) T>D-I I S U%QUUVUU@TP@♠ I I U<QUDVEEUT>@♠ I I U) ▪ D< I ♣@♦♦♦ I >PU@ I E\$Q
>☉♦ UET♣@♦♦@² p@♦ I U@ @>>@P♦♦ @>D P♦♦ @@@< <T I UE I EPES@PE@> A I I YET♣@ I S@P D@>
@ @AAP♦T@<@ I² ♥A@☉▪ g@<DP I♦ > AA@ ♦STSEE>d@DP@EDAP♦ I S@DP I♦♦♦ AAUP I♣TS@EP\$♣@T
@@@♣AS♦♣☉☉☉ oDD@S \$☉☉☉ ☉QSDE@E♦EP<@Ae>>PUET<AUDSP@>A>♣PUUPS AU♦SP@@@!>ÿ
> I♦A>> I @>♦♦ @@° >▪ @< I♦♦♦P @>√ ,<T♦A I@> @>♦☉ ☉ I ETPS @ I♦ >>T@ET I♣@
♣ ♣E@>U♣@QA>ⁿ ♠♦♦ >@>D=A>>♦@♦▪ ☉@SE=Ab>☉@♦TP>UY@Q!EP@ â`♠&†@a@°@E!E>♦â`
←i⊙⊙⊙⊙⊙0 • >ⁿ ☉▪ ☉ⁿ ♦♦ ♀☉@> >DA A♦♦▪ ♀☉♦A > < @☉☉ⁿ ☉² ☉² ☉▪ 2@>U<<@E@

▷ ♦ ◎ ◎ @◎ ♦² ♥▷ @± ♥♦▷ ¶▪ ✨▷ ◀ @ ▷ ♦ D@A◎▪ ○◎ ▷◎ @◎ D² ▷▪ ♥◎ @· ☺▷♦▪◀
▷◎@E ◀ @@D ◀▷▷@ ◎@¶@D@E@ ▷ ¶@▷P◀@ ◀@E @◎D▷ ◀▷▷P◎◀ ▷ ¶ A@♦▷ ◀@▷▷ @ U@D A◎♦▷ ◀ ◎
D◎ ♦◎ ◀▷ ◀ D@· +@♦◎◎¶ DP ♦♦♣♦♦EAS¶AU TT@¶♦♣♦♦AAS♣AD◀ DP ◎♦▪ ;◎ D◎ ¶▷ @D ♦♦◎
@DS↓SÜòVAaaYYD² ¶♦♦SòòV@`UDUE ◎AP♦ @@▪ □◎ @A @▷ √ @ⁿ @² ▷▪ ♀A A @◎♦▷◎♦
@ ▷♦◀ ◎◎ ◀◎ⁿ ◎· ♥◀ @ⁿ ♥@ @√ @· @² ◀² □@ ▷♦A ◎ⁿ ·@ ◎▷D@▪ !!♦ ♦▷@♦@
S@U¶RS\$@U@♦² †♣ ◀DRSídESD¶▷▷ ◀ √ @@▷² ◎² ·◎◎♦ ♦ ▷▷▪ ☺▷ ◀≈ ♥▷ ▷² ♦▪ ♥♦ ▷
◎`a_ R_`üQAUD D▪ ♥@◀♦@▪ ♥◎ A◎²
◎ ◎◎ ◎ ◎ D♦@♦· @√ ▷@▷ ♦ ◎ ♦ @ ▷▷▪ ♥◎ ◎◎² □◎ ◎ ▷ ◎ ▷· ∫@♦@♦ ◎ ♦@♦▪ ◎A√
◎▷◎◎ ♦◎▷▷ ▷ ◎J ~A ◎ ▷ ▷@ ♦♦▷ @A♦◎ ▷@@ ¶@♣▷◀◀@CAA ▷▷ @@♦AQ◎A¶@Q ▷▷\$UPU♦TU
D@ ▷◀ ♦◎ ▷▷▷ ◎▪ ♣♦ ◀ ◎| ♠◎ ♦◎◎ @ⁿ ∫◀ TS Q◎▷▷¶² ,UQ\$XÆ¶UI♣¶QSD◎ AU Xú†DiSæQò♦
▷▷ ▷♦♦ ◎◎♦♦▪ D² @ⁿ @· ♦² ◎◎ @² ♣@ @♦♦▪
◎▷Q▷♦♦ ♦¶@¶¶▪ ,◎DP ♦D ¶♣UD♦@◎◎♣U¶P\$T ♣♣UE◎ ◎♦◀▷▷ ♦D◎ ◎ ♦▪ ♥♦A ▷² "♦♦D ¶¶ ◎
◀i♦◎◎Ç◎0 ▪ ~Sàz*ÖaU_¶i üQ→Yr*òjjeòvUujDàAS\$eS@_¶ò▷ ▷↓ ü@S\$eSD_¶òPD_¶i üA_Yr&òZ*
\$èèüª↓ZdáíÖ@TP_¶`æèúó↓UdájÿöeU¶Uieèüb↓UPP↓I@TP¶iie`ªª↓Üeíjÿòr`Ñ(eèèüªª↓ÜeíiÿöeU¶U
·j¶¶ j¶¶² n n¶ ▪ _SSDSE&UúUeA_ÆUU`SS@◀♣&▪U◀@UAPAP♣S@ ♣&UúUfa_ÆÑò`Y→äSE&UúUaAVRU
◀(v♦ ¶¶ ◀(\$♦ ß◎ ◀i ◎◎¶@0 ü ü φ ü ü φ ü ü φ ü ü φ ü ü φ ü ü φ ε ▷ü ü ü ü
◀(\$♦ ◎ ◀i◎◎◎Ç◎0 ▪ 1¶♦♦♣UD@ \$ ♣◀◀D¶♦♦¶EPA \$▷ ♣♣UD¶♦♦¶TP@ \$♦♦♦AD¶▪♦◀@F ◀P
◎◀D@ ◀▷ ♦♦¶D@@◀♦♀T@ SP▷♦♣SD▷ ▪♦KQ@@ \$▷ ♣♣TD♦ ¶¶QA@ ◀P ♣◀ED♦♦◀U▷@ ♣▷ ♦♣◀♦♦ ▷♦
♦@▷\$♣QP◀♣◀A@ Aⁿ j▷◎@¶@E▷ U♦U@♦♣◀T▷S@◀E T TUP¶S@PP▷♣QE@◎U ¶E@TS@PPS QEBU¶†EX
◀(\$♦ ◎ ◀i◎◎◎Ç◎0 ÷ ♦· ◎▷· □@ D@@ A· ♠♦ @ ◎◎▪ @▪ ♣▷ D@@ 7▷@@ @▷@E▷@ ◀
▷♦ ▷@SPPQ▷@◎² ∫♦ ▷◀PQTQP◀T² ▷¶ D\$XHTPP♣QSD ▷ε ○▷ @◎ ♦ ♦² ∫♦ @ ◀ ♦ ▷♦²
▷◀@ @ ▷@ @◎ @² #♦ @ ♦A ▷ @▷▷¶¶¶¶ @ A @◎◎ ▷ ♦A @² D° ▷▪ [◎ D@♦@Q▷\$E SA ♦
◎ A ◎ ◀♦@@ ◀² @√ ◎▪ ◎² D◎ ◎ ◎◎▷▷ ▷@ ♣◎◎¶@ ▷ ◎EE@▷@ D@¶¶@ ♦S\$EU@†\$ ↓↓♣U◎
◎◎◀ ▷ ◎ ◎ @ @² □A◎◎ ◀ DQ√ □♦A ◎ ♦♦@ⁿ ♥♦ ◎² ◎◎D▪ (@ ◎◎@E◎ ▷ T◀@E@◀P E◎@E◎◎♦♦
◀Eo\$UUÖò ♣@▷¶² □@ ♦ @◎ @ⁿ ♥@ @ⁿ ◎▪ ♦▷◎ ▷D² ♠♦♦ ♣ A▪ _◎ ◎ D ▷ ◎ ▷ ♦ D ◎
D♦ ♦♦♦♦ ▷÷ @@@· ○▷◎ ▷▷@ ▷ ▪♦√ % SPT ▷▷@◎ @♦ ▷@@ ▷ ♦ ◎▷◎ P@D♦U@¶¶ ▪♦→♣@
◎ ◎ @@A@A P▷¶@² ∫◎ ¶Q◀@D@DP◀@◀∫@A PQT @◎U P▪
◎ ◎ PAT@◎ TPU · @² @D@@· ♠◀ ♦ D√ ▷° ♠♦♦ ◎ @▪ @° ◎◎ ▷▪ ↔@ ♦▷◎QU◀ ◎A P@♦A@♣♦
♦ ◀ ◎ ◎ @ @@▪ ▪▷◎ @ⁿ @² ·♦▷ @ ♦ ◎▪ @√ @♦♦@ⁿ ♥▷ ◎² ♣◎♦♦◎ ◎▪ @· '▷♦ @ @ @◎
@ @ ▷ @◎ D▪ ▷° ♣@@♦♦♦♦ ♣♦♦♦♦ ▷j @♦♦² ♥▷ @▪ ♀@D@♦♦♦T@ PT>\$▪ ♀DUÉ¶T◀TAæYö ◀
♦▷◎ ▷♦ ▷ ◎ ♦▪ ◎▷ D² ♥◎ @· @≈ @² @ⁿ ♦▪ {♦\$ ◎ D¶¶ ◎◎◎▷D♦♦◀E ▷♦ ◎U♣A ♦D
◀(\$♦ ◎ ◀i♦◎◎Ç◎0 ▪ ~íaQo↓ÛPÿ-Ñæ@bûÑªªªδæZj-öÛ-Ñæ@arUUQ@ ♣SUC@EUPP ◀BUUQäQoSÖ@IUQÉ
◀(v♦ ◀ ◀(\$♦ L◎ ◀i ◎◎L@0 ü ü σ ü ü σ ü ü σ ▷ü ü ² ü ü σ ü ü σ ü ü σ ü ü σ ü
◀i◎◎◎Ç◎0 ² _@AT¶IDT¶IT D\$ @@U@A@DU@▷¶IT QS @@▷ A@PT@D @ P¶¶ @AP@ @PEA▷▷@@PS @@D Q@¶
▷▷A♦♣♣Q¶¶EQ▷ ▷ i♦@¶¶♣QPAU▷◎◎▷@T\$EU◀EQXEUT%\$ÉP@P@DEæAAYEY_ A¶öP@P@TQæ♣QXEYR A¶ÉI
◀i◎◎◎Ç◎0 ² ◎▷¶| @ⁿ †▷◎ ◎ ◎ ◎ ♦ ▷ @ ◀ ◎ ◎ ◀√ ◎▪ ◎² =D▷♦ P D◎ ♦ ◎◎S@ ¶P¶ P▷♦
♦◎ @ ◀ ♦▷ ▷♦▪ @@@² ▷² ?▷ ▷♦@D ◀▷▷@◎ @ ▷P◀@T ◀▷▷P♣ ◀@@◀T&BP\$▷▷@▷@¶ ¶¶\$&
♦♦♦ ♣♦Q¶ P ♦² ✨¶¶A\$▷ @ ◎▷♦♦♦ @◎ P▷@♦ ▷♦ ▷\$@U@@P ♣♦♦♦ ♦♦¶¶² ♥@ @√ ▪♦
♦▷▷@@▷▷ D@Pⁿ j @· →@¶@@ UP \$D♣E@ @T▷▷P@ U▷ ▪♦_E@ ◎ ♦ ▷TP@▷D@♦♦@@@¶@·
♦ ▷♦ ◎ ▷▷ ◎ⁿ □♦◎♦ ▷▷· →▷▷ D D@ ♦◎◎ ♦ ◎ ◎▷D ▷♦♦@ⁿ *T¶¶@EAP▷▷♦◎◎ ¶¶US◀↑U
▷@▷¶T♦♦@♦ⁿ @@DTE▷@@@ @◀↔PPTP@DPT@@ ▷♦♦▷▷@E¶D ▷▷▪ 8@PD¶E¶P¶ @ ¶♦
↓\$hZBÜ` T♣ ◎♦▪ @¶@@ⁿ @@ @² @≈ ◎▪ @♦♦▪ ♥▷ ♦· ▷² ♣▷ ▷♦√ @@² ▷· @@@√ @@
▷♦@@ @ DE @¶¶ ♥▷A @² \$D♦ ♣◎ ▷¶D@@P P TS ♣% ▷¶U@@▷▷@E @◎· ◎▷P² ♠▷ @A ♦▪ ▷
¶A▷@@@S Q◎ ♣♦ · ○▷▷@ @@@ @√ ○▷ ♦◎◎♦ √ ♥♦ @ ▪♦÷ @@j :▷ @@EUE@E▷¶¶@ ♣◀@SISi
♦♦@ @A @@@▪ □@▷ @◎ @◎√ □♦D ♦A @≡ ◎◎ √ ♦÷ 6@@◎ ◎◎ @P♣♦♦@@ @▷ E@A@E@
¶@♦ T ¶@¶¶♦♦ ○@♦ ▷@ @♦· ♠▷ ¶¶² ○@ @ @D @▪ ♣@@ @@· ∫@ A@@ @@ ▷♦▪ □@@
▷♦♦▷♦ ◎ @ 0D @T@♣AD@@Q@ ♣▷P ¶PZ!♣@F@@Q@ ♦♦ `Td_ääEDER T▷D· ·▷ A @@E² ·
@ ◎ ◎@◀P♣@@¶¶¶·♦♦ A E♦♦♦@@S◀@▷¶¶¶¶@ EQ♦♦♣U@◀_HE@¶V♣AEQD▷ ♦ ◀▷ ◎·
▷ D ◀▷ ♣▷U@@=U#¶E@¶¶@♣D¶U@ @@P♦♦@◀◀ ♣▷¶ @AST◀◀U
◀i♦◎◎Ç◎0 ▪ ~ (A_&Qéªª_ AÖU→QeShR_jÆEJ_ü-ñjQTS@ S@A@U@@YT_@PS@@%ABªª_@ÖU→QeShA_&
◀(v♦ _ ◀(\$♦ α◎ ◀i ◎◎¶@0 ü ü φ ü ü φ ü ü φ ü ü φ ü ü φ ü ü ± ▷ü ü φ ü ü ± ◎· ü ü
◀i◎◎◎Ç◎0 ▪ ¶DP@Q@♣@@@¶¶¶@AU♣◀@Q@T_♣@E@¶¶♣U\$ªª@D@D@@@S¶¶♦Q@◀@Q E@♦◀@▷▷ ◀U¶¶@@Q@
E¶Ud@QSQ†♣@→ò² ~▷@ D@▷ ¶♦♦U @T ▷▷@D◀♦ ▷♦◀@ A @@@P▷T@T¶DU@@Q ▷@@Q◀¶ D♦♦DD ♣
▷ñ→ÿEUJ_@%TEP² ~▷◎♦♦ ◎▷T@UQEU PE@ S@ ♣¶TSU◀EU@PE▷♦♦ ♣¶USUSEQ @E▷\$@ @▷T@S◀DU
♦@TPTP▷T UQ@DP▪ ♀◀TQ¶P†T UP@DP▪ ♀♣¶PT▷T UU@DP▪ L♣U▷TP▷T TD◀D▷ ♦@@S◀T@P U▷@DP▪
◀i◎◎◎Ç◎0 ¶ @@ @ @@ @ @ⁿ @@· ♣@ @ @· >▷▷ @ P @@◀◀ ▷▷ ◀♦AQ P @E♣ ▷▷@D♣▷UUP P@ü
◎◎♦◎@D♦ @◎· †♦◎ ♣@ @ @@◎ ◎ ♣♦@@D· ◎▪ ◎ⁿ a@@ @ ♣♣¶¶ D@DDU♦¶@◀A ♣♦ ◀ D
◎▷▷@@@◀ A A 3▷▷@D♦D@ @ ▷▷▷T@STST@U♦@É@▷S@@¶@Ud@ö Q ◎Q ¶SP@@÷ ♦± ♠▷ @@
▷♦@A ♦A@ Q ¶@² @◎@@DP@@ T E▪ ♀@ ◎@@♣@@@ Q D² ∫♦♣Q@♣AA@@U◀E▪ @▷ ◎◎ E @@ ° ◎ⁿ
♦♦▷ @@@@A@▪ ♣@♦♦@ @▪ →@ A ♦ ▷♦▷@◎◎ D@♦♦♦▷² □@@◎ @♦◎▪ +A @♦▷@◎◎

