

The TanakhML Project

© 2004-2010 Alain Verboomen

Biblia Hebraica Stuttgartensia
Isaiah 25-49

25 ¹ Y:HWF70H):(ELOH/AY03)AT.F80H):ARO75WMIM/:KF03)OWDE74H \$IM/:KF80? K.I71Y (F&I73YTF P.E92LE) ("CO71WT M"/75/REFX073WQ):EM71W.NFH)O75MEN00? ² K.I74Y &A70M:T.F M"/(IYR03 LA/G.F80L QIR:YF71H B:CW.RF73H L:/MAP."LF92H?)AR:MO70WN ZFRIYM03 M"/(I80YR L:/(OWLF73M LO71) YIB.FNE75H00? ³ (AL-K."73N Y:KAB.:D74W./KF (AM-(F92Z QIR:YA91T G.OWYI71M (FRIYCI73YM YIYRF)75W./KF00? ⁴ K.I75Y-HFYI63YTF MF(O71WZ LA/D.F91L MF(O71WZ LF)EB:YO73WN B.A/C.AR-L/O92W? MAX:SE70H MI/Z.E33REM03 C"74L M"/XO80REB? K.I91Y R71W.XA (FRIYCI73YM K.:ZE71REM QI75YR00 ⁵ K.:XO74REB B.:CFYO80WN? \$.)O71WN ZFRI73YM T.AK:NI92Y(A? 10XOREB B.:C"74L (F80B Z:MI71YR (F75RIYCI73YM YA(:ANE75H00 ⁶ W:/(F&FH04 Y:HWF63H C:BF)O61WT L:/KFL-HF75/(AM.IYM03 B.F/HF74R HA/Z.E80H MI\$:T."71H \$:MFNI73YM? MI\$:T."74H \$:MFRI92YM \$:MFNIYM03 M:MU74XFYI80M \$:MFRI73YM M:ZUQ.FQI75YM00? ⁷ W./BIL.A(03 B.F/HF74R HA/Z.E80H P.:N"75Y-HA/L.O71W+05 HA/L.O73W+ (AL-K.FL-HF75/(AM.I92YM? W:/HA/M.AS."KF71H HA/N.:SW.KF73H (AL-K.FL-HA/G.OWYI75M00 ⁸ B.IL.A70(HA/M.F33WET03 LF/NE80CAX? W./MFXF63H):ADONF94Y Y:HWI91H D.IM:(F73H M"/(A74L K.FL-P.FNI92YM? W:/XER:P.A74T (AM./O81W YFSIYR03 M"/(A74L K.FL-HF)F80REC K.I71Y Y:HWF73H D.IB."75R00 ⁹ W:/FEMAR03 B.A/Y.O74WM HA/H80W.) HIN."63H):(ELOH"71Y/NW. ZE91H QIW.I71YNW. L/O73W W:/YO75W\$YI/("92NW.? ZE70H Y:HWFH03 QIW.I74YNW. L/O80W NFGI71YLFH W:/NI&:M:XF73H B.I/Y\$W.(FT/O75W00 ¹⁰ K.I75Y-TFN71W.XA YAD-?Y:HWF73H B.F/HF74R HA/Z.E92H? W:/NF70DOW\$ MOW)FB03 T.AX:T.F80Y/W K.:/HID.71W.\$ MAT:B."73N **B.:/MO71W MAD:M"NF75H00? ¹¹ W./P"RA70& YDFY/W03 B.:/QIR:B./O80W K.A):A\$E91R Y:PFR"71& HA/&.OXE73H LI/&:XO92WT? W:/HI\$:P.IYL03 G.A75):AWFT/O80W (I73M)FR:B.O71WT YDFD75Y/W00? ¹² W./MIB:CA62R MI&:G.A74B XOWMOT81Y/KF H"\$A71X HI\$:P.I91YL HIG.I71Y(A LF)F73REC (AD-?(FPF75R00 **26** ¹ B.A/Y.O74WM HA/H80W.) YW.\$A71R HA/\$.IYR-HA/Z.E73H B.:/E74REC Y:HW.DF92H? (I74YR (FZ-L/F80NW. Y:\$W.(F71H YF\$I73YT XOWMO71WT WF/X"75L00? ² P.IT:X73W. \$:(FRI92YM W:/YFBO71) GOWY-CAD.I73YQ \$OM"71R):EMUNI75YM00? ³ Y"74CER SFM80W./K: T.IC.O73R \$FLO74WM05 \$FLO92WM K.I71Y B:/KF73 B.F+75W.XA00? ⁴ B.I+:X71W. BA75/YHWF73H (:AD"Y-(A92D 10K.IY B.:/YF74H. Y:HWF80H C73W.R (OWLFMI75YM00? ⁵ K.I70Y H"\$AX03 YO\$:B"74Y MFRO80WM QIR:YF73H NI&:G.FBF92H? YA\$:P.IYL/E70N.FH YA\$:P.IYL/FH.03 (AD-)E80REC YAG.IY/(E73N.FH (AD-(FPF75R00? ⁶ T.IR:M:S/E73N.FH RF92GEL RAG:L"71Y (FNI73Y P.A:(AM"71Y DAL.I75YM00? ⁷)O71RAX LA/C.AD.I73YQ M"75Y\$FRI92YM YF\$F85R MA(:G.A71L CAD.I73YQ T.:PAL."75S00? ⁸)A74P)O94RAX MI\$:P.F+E91Y/KF Y:HWF73H QIW.IYN92W./KF? L:/\$IM/:KF71 W.95/L:/ZIK:R:/KF73 T.A):AWAT-NF75PE\$00? ⁹ NAP:\$/I70Y)IW.IYTI33Y/KF03 B.A/L.A80Y:LFH)AP-RW.X/I71Y B:/QIR:B./I73Y):A\$A75X:AR/E92K.F? K.I62Y K.A):A\$E70R MI\$:P.F+E33Y/KF03 LF)/F80REC CE71DEQ LFM:D73W. YO\$:B"71Y T"B"75L00? ¹⁰ YUXA70N RF\$F(03 B.AL-LFMA74D CE80DEQ B.:/E71REC N:KXO73WT Y:(AW."92L? W./BAL-YIR:)E73H G.")71W.T Y:HWF75H00 ¹¹ Y:HWF91H RF71MFH YFD:/KF73 B.AL-YEX:EZF92W.N? YEX:EZ70W. W:/Y"BO33\$W.03 QIN:)AT-(F80M)AP-)73\$ CFRE71Y/KF TO)K:L/"75M00 ¹² Y:HWF85H T.I\$:P.O71T \$FLO73WM L/F92NW. K.I91Y G.A71M K.F75L-MA(:A&"73Y/NW. P.F(A71L:T.F L:/F75NW.00? ¹³ Y:HWF74H):(ELOH"80Y/NW. B.:/FL71W./NW.):ADONI73YM Z75W.LFT/E92KF L:/BAD-B:/KF73 NAZ:K.I71YR \$:M/E75KF00? ¹⁴ M"TIYM03 B.AL-YIX:Y80W. R:R:)I73YM B.AL-YFQU92MW.? LF/K"70N P.FQA33D:T.F03 WA/T.A\$:MIYD/"80M WA(T:.)AB."71D K.FL-Z"73KER L/F75MOW00 ¹⁵ YFSA70P:T.F LA/G.OWY03 Y:HWF80H YFSA71P:T.F LA/G.O73WY NIK:B.F92D:T.F? RIXA73Q:T.F K.FL-QAC:W"Y-)F75REC00? ¹⁶ Y:HWF73H B.A/C.A74R P.:QFD92W./KF CFQ74W.N LA80XA\$ MW.SFR:/KF73 L/F75MOW00? ¹⁷ K.:MO70W HFRFH03 T.AQ:RI74YB LF/LE80DET T.FXI71YL T.IZ:(A73Q B.A/X:ABFLE92Y/HF? K."91N HFYI71YNW. MI/P.FNE73Y/KF Y:HWF75H00? ¹⁸ HFRI74YNW. XA80L:NW. K.:MO73W YFLA74D:NW. R92W.XA Y:\$W.(OT03 B.AL-NA74(:A&EH)E80REC? W./BA75L-YIP.:L73W. YO\$:B"71Y T"B"75L00? ¹⁹ YI75X:Y74W. M"TE80Y/KF N:B"LFT/I73Y Y:QW.M92W.N HFQI63YCW. W:/RAN.:N61W. \$OK:N"74Y (FPF81R? K.I74Y +A70L)OWROT03 +AL/E80KF WF)/F73REC R:PF)I71YM T.AP.I75YL00 ²⁰ L"70K: L"70K: (AM./IY03 (AM./IY03 B.O74) B.O74) BA/X:ADFRE80Y/KF BA/X:ADFRE80Y/KF W.95/S:GO71R W.95/S:GO71R **D.:LFT:/KF73 **D.:LFT:/KF73

B.A(:AD/E92KF? B.A(:AD/E92KF? X:ABI71Y X:ABI71Y KI/M:(A+-KI/M:(A+-RE73GA(RE73GA(**YA(:ABFR-(AD-ZF75(AM00? **YA(:ABFR-ZF75(AM00? ²¹ K.I75Y-HIN."70H Y:HWFH03 YOC"74) MI/M.:QOWM/O80W LI/P:QO91D (:AWO71N YO75\$B-HF/)F73REC (FLF92Y/W? W:/GIL.:TF70H HF/)F33REC03)ET-D.FME80Y/HF W:/LO75)-T:KAS.E71H (O73WD (AL-H:ARW.GE75Y/HF00 **27** ¹ B.A/Y.O74WM HA/H83W.) YIP:QO74D Y:HWFH04 B.:XAR:B/O63W]1 HA/Q.F\$F61H W:/HA/G.:DOWLF74H W:/HA95/X:AZFQF81H? (A70L LIW:YFTFN03 NFXF74\$ B.FRI80XA W:/(AL03 LIW:YFTF80N NFXF73\$ (:AQAL.FTO92WN? W:/HFRA71G)ET-HA/T.AN.I73YN):A\$E71R B.A/Y.F75M00 ² B.A/Y.O73WM HA/H92W.) K.E71REM XE73MED (AN.W.-L/F75H.00? ³):ANI70Y Y:HWFH03 NO75C:R/F80H. LI/R:GF(I73YM)A\$:Q/E92N.FH? ¹⁰ P.EN YIP:QO74D (FLE80Y/HF LA71Y:LFH WF/YO73WM)EC.:FR/E75N.FH00? ⁴ X"MF73H)"74YN L/I92Y MI75Y-YIT.:N/"61NIY \$FMI71YR \$A33YIT03? B.A/M.IL:XFMF80H)EP:&:(F71H B/F73H.):ACIYT/E71N.FH Y.F75XAD00? ⁵ 10)OW YAX:AZ"74Q B.:MF(W.Z./I80Y YA:(A&E71H \$FLO73WM L/I92Y \$FLO73WM YA95:(A&EH-L./I75Y00? ⁶ HA/B.F)IYM03 YA\$:R"74\$ YA75:(AQO80B YFCI71YC W:/PFRA73X YI&:RF)"92L? W:/MFL:)71W. P:N"Y-T"B"73L T.:NW.BF75H00 ⁷ HA/K.:MAK.A71T MAK./"73HW. HIK./F92HW.)IM-K.:/HE71REG H:ARUGF73Y/W HORF75G00? ⁸ B.:SA)S.:F73H B.:\$AL:X/F74H. T.:RIYB/E92N.FH HFGF91H B.:RW.X/O71W HA/Q.F\$F73H B.:YO71WM QFDI75YM00? ⁹ LF/K"81N B.:ZO)T03 Y:KUP.A74R (:AWO75N-YA:(AQO80B W:/ZE85H K.FL-P.:RI73Y HFSI74R XA+.F)T/O92W? B.:&W.M/O74W05 K.FL-)AB:N"74Y MIZ:B."81XA K.:)AB:N"Y-GIR03 M:NUP.FCO80WT? LO75)-YFQU71MW.):A\$RI73YM W:/XAM.FNI75YM00? ¹⁰ K.I74Y (I70YR B.:CW.RFH03 B.FDF80D NFEW85H M:\$UL.F71X W:/NE(:EZF73B K.A.M.ID:B.F92R? \$F74M YIR:(E71H ("91GEL W:/F71M YIR:B.F73C W:/KIL.F71H S:(IPE75Y/HF00? ¹¹ B.I/YBO70\$ Q:CIYR/FH.03 T.I\$.FBA80R:NFH NF\$I85YM B.F)O73WT M:JIYRO74WT)OWT/F92H.? K.I74Y LO70) (AM-B.IYNOWT03 H80W.)? (AL-K."N03 LO75)-Y:RAX:AM/E74N.W. (O&/"80HW. W:/YOC:R/O73W LO71) Y:XUN./E75N.W.00 ¹² W:/HFYFH03 B.A/Y.O74WM HA/H80W.)? YAX:B.O94+ Y:HWF91H MI/\$.IB.O71LET HA/N.FHF73R (AD-NA74XAL MIC:RF92YIM? W:/)AT.E94M T.:LUQ.:+91W. L:/AXA71D)EXF73D B.:N"71Y YI&:RF)"75L00 ¹³ W:/HFYF74H05 B.A/Y.O74WM HA/H81W.) YIT.FQA(02 B.:\$OWPF74R G.FDOWL01? W:/BF81)W. HF/)O75B:DIYM03 B.:/E74REC)A\$.80W.R W:/HA/N.ID.FXI73YM B.:/E74REC MIC:RF92YIM? W:/HI\$:T.AX:AW94W. LA/YHWF91H B.:/HA71R HA/Q.O73DE\$ B.I/YRW.\$FLF75IM00? **28** ¹ HO81WY (:A+E70RET G.)W.T03 \$IK.OR"74Y)EP:RA80YIM W:/CI71YC NOB"73L C:BI74Y TIP:)AR:T/O92W?):A\$E91R (AL-RO71)\$ G."75Y)-\$:MFNI73YM H:AL71W.M"Y YF75YIN00? ² HIN."63H XFZF70Q W:/)AM.IC03 LA75/)DONF80Y K.:ZE71REM B.FRF73D &A74(AR QF92+EB? ¹⁴ K.:ZEREM MA74YIM K.AB.IYRI71YM \$O+:PI91YM HIN.I71YXA LF/)F73REC B.:YF75D00? ³ B.:RAG:LA73YIM T."75RFMA92S:NFH (:A+E71RET G.)"73W.T \$IK.OWR"71Y)EP:RF75YIM00? ⁴ W:75/HF63Y:TF61H CIYCA70T NOB"L03 C:BI74Y TIP:)AR:T/O80W):A\$E71R (AL-RO73)\$ G."74Y) \$:MFNI92YM? K.:BIK.W.RFH.03 B.:+E74REM QA80YIC):A\$E63R YIR:)E70H HF75/RO)EH03)OWT/F80H.? B.:/(OWD/F71H. B.:KAP./O73W YIB:LF/(E75N.FH00 ⁵ B.A/Y.O74WM HA/H81W.) YI75H:YEH03 Y:HWF74H C:BF)O80WT LA/(:A+E74RET C:BI80Y W:/LI/C:PIYRA73T? T.IP:)FRF92H LI/\$:F73R (AM./O75W00? ⁶ W:/L:/R73W.XA MI\$:P.F92+ LA/Y.OW\$B03 (AL-HA/M.IS:P.F80+ W:/LI63/G:BW.RF80H M:\$IYB"71Y MIL:XFMF73H? \$F75(:R/FH00 ⁷ W:/GAM-) "33L.EH03 B.A/Y.A74YIN \$FG80W. W:/BA/\$."KF73R T.F(92W.? K.OH"74N W:/NFBYI)04 \$FG63W. BA/\$."KF61R NIB:L:(74W. MIN-HA/Y.A81YIN? T.F(W.03 MIN-HA/\$."KF80R \$FGW.03 B.F75/RO)E80H P.FQ73W. P.:LIYLIY.F75H00? ⁸ 10K.IY K.FL-\$UL:XFNO80WT MFL:)73W. QI74Y) CO)F92H B.:LI73Y MFQO75WM00 ⁹)ET-MIY03 YOWRE74H D"(F80H W:/)ET-MI73Y YFBI74YN \$:MW.(F92H? G.:MW.L"Y03 M"75/XFLF80B (AT.IYQ"73Y MI/\$.FDF75YIM00? ¹⁰ K.I74Y CA70W LF/CFW03 CA74W LF/CF80W QA71W LF/QF73W QA74W LF/QF92W? Z:("71YR \$F73M Z:("71YR \$F75M00? ¹¹ 10K.IY B.:LA:(AG"74Y &FPF80H W:/B:/LF\$O73WN)AXE92RET Y:DAB."73R)EL-HF/(F71M HA/Z.E75H00? ¹²):A\$E74R05)FMA74R):AL"Y/HE81M ZO70)T HA/M.:NW.XFH03 HFNI74YXW. LE75/(FY"80P? W:/ZO73)T HA/M.AR:G."(F92H W:/LO71))FB73W.) \$:MO75W(A00? ¹³ W:/HFYF63H L/FHE61M D.:BAR-Y:HWF81H? CA74W LF/CF62W CA70W LF/CFW03 QA70W LF/QFW03 QA74W LF/QF80W? Z:("71YR \$F73M Z:("74YR \$F92M? L:MA63(AN Y"L:K61W. W:/KF\$:L70W.)FXOWR03 W:/NIS:B.F80RW.

W:/NOWQ:\$73W. W:/NIL:K.F75DW.00 ¹⁴ LF/K"91N \$IM:(71W. D:BAR-Y:HWF73H
)AN:\$"74Y LFCO92WN? MO75\$:L"Y03 HF/(F74M HA/Z.E80H):A\$E73R
 B.I/YRW.\$FLF75IM00? ¹⁵ K.I74Y K.I74Y):AMAR:T.E81M):AMAR:T.E81M
 K.FRA70T:N75W. K.FRA70T:N75W. B:RIYT03 B:RIYT03)ET-)ET-MF80WET? MF80WET?
 W:/(IM-W:/(IM-\$):O73WL \$):O73WL (F&I74YNW. (F&I74YNW. XOZE92H? XOZE92H?
 **\$O74W+ **\$O74W+ \$OW+"70P \$OW+"70P **YA95(:ABOR03 K.I75Y-LO74)
 **YA95(:ABOR03 Y:BOW)"/80NW.? LO74) K.I74Y Y:BOW)"/80NW.? &A94M:NW. K.I74Y
 KFZF91B &A94M:NW. MAX:S/"73NW. KFZF91B W./BA/\$.E71QER MAX:S/"73NW.
 NIS:T.F75R:NW.00 W./BA/\$.E71QER NIS:T.F75R:NW.00 ¹⁶ LF/K"81N K.O70H)FMAR03
):ADONF74Y Y:HWI80H? HIN:/NI91Y YIS.A71D B.:CIY.O73WN)F92BEN)E74BEN
 B.O61XAN? P.IN.A70T YIQ:RAT03 MW.SF74D MW.S.F80D HA75/M.A):AMI73YN LO71)
 YFXI75Y\$00? ¹⁷ W:/&AM:T.I70Y MIS:P.F+03 L:/QF80W W:/C:DFQF73H L:/MIS:QF92LET?
 W:/YF(F70H BFRFD03 MAX:S"74H KFZF80B W:/S"71TER MA73YIM YIS:+O75PW.00?
¹⁸ W:/KUP.A70R B.:RI75YT/:KEM03)ET-MF80WET W:/XFZW.T/:KE71M)ET-\$):O73WL
 LO74) TFQ92W.M? \$O70W+ \$OW+"P03 K.I74Y YA75(:ABO80R WI/H:YI71YTEM L/O73W
 L:/MIR:MF75S00 ¹⁹ MI/D."70Y (FB:R/OW03 YIQ.A74X)ET/:KE80M? K.I75Y-BA/B.O94QER
 B.A/B.O91QER YA(:ABO73R B.A/Y.O74WM W./BA/L.F92Y:LFH? W:/HFYF71H
 RAQ-Z:WF(F73H HFB171YN \$:MW.(F75H00? ²⁰ K.I75Y-QFCA71R HA/M.AC.F73(
 M"75/HI&:T.FR"92(A W:/HA/M.AS."KF71H CF73RFH K.:/HIT:K.AN."75S00? ²¹ K.I70Y
 K:/HAR-P.:RFCIYM03 YFQ74W.M Y:HWF80H K.:/("73MEQ B.:/GIB:(O74WN YIR:G.F92Z?
 LA/(:A&O70WT MA(:A&/"33HW.03 ZF74R MA(:A&/"80HW. W:/LA75/(:ABOD03
 (:ABO74DFT/O80W NFK:RIY.F73H? (:ABODFT/O75W00? ²² W:/AT.FH03
)AL-T.IT:LOWCF80CW. P.E75N-YEX:Z:Q73W. MO75WS:R"Y/KE92M? K.I75Y-KFLF63H
 W:/NEX:ERFCF61H \$FMA81(:T.IY? M"/)"63T):ADONF94Y Y:HWI91H C:BF)O73WT
 (AL-K.FL-HF)/F75REC00? ²³ HA):AZI71YNW. W:/\$IM:(73W. QOWL/I92Y HAQ:\$I71YBW.
 W:/\$IM:(73W.)IM:RFT/I75Y00? ²⁴ H:A/KO74L HA/Y.O80WM YAX:ARO71\$ HA/XOR"73\$
 LI/Z:RO92(A Y:PAT.A71X WI75/Y&AD."73D)AD:MFT/O75W00? ²⁵ H:A/LOW)03
)IM-\$IW.F74H PFNE80Y/HF W:/H"PI71YC QE73CAX W:/KAM.O74N YIZ:RO92Q?
 W:/&F63M XI+.F70H &OWRFH03 W:/&:(ORF74H NIS:MF80N W:/KUS.E73MET
 G.:BULFT/O75W00? ²⁶ W:/YIS:R/O71W LA/M.IS:P.F73+):ELOHF71Y/W
 YOWR/E75N.W.00? ²⁷ K.I74Y LO70) BE75/XFRW.C03 Y74W.DA\$ QE80CAX W:/)OWPA74N
 (:AGFLF80H (AL-K.AM.O73N YW.S.F92B? K.I94Y BA/M.A+.E91H Y"XF71BE+ QE73CAX
 W:/KAM.O71N B.A/\$.F75BE+00? ²⁸ LE74XEM YW.DF80Q K.I91Y LO71) LF/NE73CAX
)FDO74W\$ Y:DW.\$E92N.W.? ²⁹ 14W:/HFMAM G.IL:G.A94L (EG:LFT/O91W
 W:/PFRF\$F73Y/W LO75)-Y:DUQ./E75N.W.00? ²⁹ G.AM-ZO85)T M"/(I91M Y:HWF71H
 C:BF)O73WT YFCF92)FH? HIP:LI74Y) ("CF80H HIG:D.I73YL T.W.\$IY.F75H00
29 ¹ 10HOWY):ARIY)"74L):ARIY)"80L QIR:YA73T XFNF74H DFWI92D? S:P71W.
 \$FNF91H (AL-\$FNF73H XAG.I71YM YIN:QO75PW.00? ² WA/H:ACIYQO73WTIY
 LA75):ARIY)"92L W:/HFY:TF70H TA75):ANIY.FH03 WA75):ANIY.F80H? W:/HF71Y:TFH
 L./I73Y K.A):ARIY)"75L00 ³ W:/XFNI71YTIY KA/D.73W.R (FLF92Y/IK: W:/CAR:T.I70Y
 (FLA33Y/IK:03 MUC.F80B WA/H:AQI95YMOTI71Y (FLA73Y/IK: M:CURO75T00?
⁴ W:/\$FPAL:T.:03 M"/)E74REC T.:DAB."80RIY W./M"75/(FPF73R T.I\$.A74X)IM:RFT/"92K:?
 14W:75/HFYFH K.:/O70WB M"/)E33REC03 QOWL/"80K: W./M"/(FPF73R)IM:RFT/"71K:
 T.:CAP:C"75P00? ⁵ W:/HFYF91H K.:/F71Q D.A73Q H:AMO74WN ZFRF92Y/IK:
 W:/K:MO70C (OB"R03 H:AMO74WN (F75RIYCI80YM? W:/HFYF73H L:/PE71TA(
 P.IT:)O75M00 ⁶ M"/(I63M Y:HWF70H C:BF)OWT03 T.IP.FQ"80D? B.:RA71(AM
 W./B:/RA73(A\$ W:/QO74WL G.FDO92WL SW.PFH03 W:/S:(FRF80H W:/LA73HAB)"71\$
)OWK"LF75H00? ⁷ W:/HFYF81H K.A75/X:ALOWM03 X:AZO74WN LA80Y:LFH?
 H:AMOWN03 K.FL-HA/G.OWYI80M HA/C.OB:)I73YM (AL-):ARIY)"92L?
 W:/KFL-COBE33Y/HF03 W:/M:CO74DFT/F80H. W:/HA/M.:CIYQI73YM L/F75H.00?
⁸ W:/HFYF83H K.A):A\$ER04 YAX:ALO63M HF/RF("61B W:/HIN."74H)OWK"81L
 W:/H"QIYC02 W:/R"YQF74H NAP:\$/OW01? W:/KA):A\$E63R YAX:ALO70M HA/C.FM")03
 W:/HIN."74H \$OTE80H W:/H"QIYC03 W:/HIN."74H (FY"80P W:/NAP:\$/O73W
 \$OWQ"QF92H? K."74N YI75H:YE81H H:AMOWN03 K.FL-HA/G.OWYI80M
 HA/C.OB:)I73YM (AL-HA71R CIY.O75WN00 ⁹ HIT:MAH:M:H74W. W:/T:MF80HW.
 HIS:T.A95(A\$:(73W. WF/\$O92(W.? \$F75K:R74W. W:/LO)-YA80YIN NF(73W. W:/LO71)
 \$"KF75R00? ¹⁰ K.I75Y-NFSA63K: (:AL"Y/KE70M Y:HWFH03 R74W.XA T.AR:D."MF80H?

WA/Y:(AC."73M)ET-("75YN"Y/KE92M)ET-HA/N.:BIY)I91YM W:/)ET-RF)\$"Y/KE71M
 HA/XOZI73YM? K.IS.F75H00? ¹¹ WA/T.:HI63Y L/FKE61M XFZ74W.T HA/K.O81L
 K.:DIB:R"Y02 HA/S."74PER HE75/XFTW.M01):A\$E75R-YIT.:N74W.)OT/O81W
)EL-?YOWD"71(A **S"91PER L"/)MO73R Q:RF74) NF)-ZE92H W:/)FMAR03 LO74)
)W.KA80L K.I71Y XFT73W.M H75W.)00? ¹² W:/NIT.A74N HA/S."81PER (AL04):A\$E63R
 LO75)-YFDA71(S"91PER L"/)MO73R Q:RF74) NF)-ZE92H W:/)FMA85R LO71)?
 YFDA73(:T.IY S"75PER00 ¹³ WA/Y.O74)MER):ADONF81Y 10YA(AN K.I70Y NIG.A\$03
 HF/(F74M HA/Z.E80H B.:PI70Y/W? W./BI/&:PFTFY/W03 K.IB.:D80W./NIY W:/LIB./O73W
 RIXA74Q MI/M./E92N.IY? WA/T.:HI70Y YIR:)/FT/FM03)OT/I80Y MIC:WA71T
):ANF\$173YM M:LUM.FDF75H00? ¹⁴ LF/K"81N HIN:/NI71Y YOWSI91P L:/HAP:LI71Y)
)ET-HF75/(FM-HA/Z.E73H HAP:L"74) WF/PE92LE)? W:/)F75B:DFH03 XFK:MA74T
 X:AKFMF80Y/W W./BIYNA71T N:BONF73Y/W T.IS:T.AT.F75R00 ¹⁵ HO91WY
 HA/M.A:(AMIYQI71YM M"75/YHWF73H LA/S:T.I74R ("CF92H? W:/HFYF70H
 B:/MAX:\$FK:03 MA75(:A&"Y/HE80M WA/Y.O74)M:R80W. MI71Y RO)/"73NW. W./MI71Y
 YOWD:("75NW.00? ¹⁶ HA63P:K.:KE80M)IM-K.:XO71MER HA/Y.OC"73R Y"75XF\$"92B?
 K.I75Y-YO)MA63R MA:(A&E70H L:/(O&/"33HW.03 LO74) (F&/F80NIY? W:/Y"91CER
)FMA71R L:/YOWC:R/O73W LO71) H"BI75YN00? ¹⁷ H:A/LOW)-(OWD03 M:(A74+
 MIZ:(F80R? W:/SF71B L:BFNO73WN LA/K.AR:ME92L W:/HA/K.AR:ME73L LA/Y.A71(AR
 Y"XF\$"75B00? ¹⁸ W:/\$FM:(94W. BA/Y.OWM-HA/H91W.) HA/X"R:\$I73YM
 D.IB:R"Y-S"92PER? W./M"/)O74PEL W./M"/XO80\$EK: ("YN"71Y (IW:RI73YM
 T.IR:)/E75YNFH00? ¹⁹ W:/YFS:P94W. (:ANFWI91YM B.A75/YHWF73H &IM:XF92H?
 W:/)EB:YOWN"74Y)FDF80M B.I/Q:DO71W\$ YI&:RF)"73L YFGI75YLV.00?
²⁰ K.I75Y-)JP"71S (FRI73YC W:/KF74LFH L"92C W:/NIK:R:T73W. K.FL-\$O71Q:D"Y
)F75WEN00? ²¹ MAX:A+IY)"70Y)FDFM03 B.:DFBF80R W:/LA/M.OWKI71YXA
 B.A/\$.A73(AR Y:QO\$92W.N? WA/Y.A+.71W. BA/T.O73HW. CAD.I75YQ00 ²² LF/K"81N
 K.O75H-)FMA70R Y:HWFH03)EL-B."74YT YA75(:AQO80B):A\$E71R P.FDF73H
)ET-)AB:RFHF92M? LO75)-(AT.F70H Y"BOW\$03 YA75(:AQO80B W:/LO71) (AT.F73H
 P.FNF71Y/W YEX:EW75RW.00? ²³ K.I74Y 14BI/R:)/OT/OW Y:LDF62Y/W MA:(A&"71H
 YFD/A91Y B.:QIR:B./O73W YAQ:D.I74Y\$75W. \$:M/I92Y? W:/HIQ:D.I33Y\$W.03
)ET-Q:DO74W\$ YA75(:AQO80B W:/)ET-)ELOH"71Y YI&:RF)"73L YA:(ARI75YCW.00?
²⁴ W:/YFD:(71W. TO75("Y-R73W.XA B.IYNF92H W:/ROWG:NI73YM
 YIL:M:DW.-LE75QAX00? **30** ¹ HO74WY B.FNI70YM SO75WR:RIYM03
 N:)UM-Y:HWF80H? LA/(:A&O70WT ("CFH03 W:/LO74) MI/N.I80Y W:/LI/N:SO71K:
 MAS."KF73H W:/LO74) RW.X/I92Y? L:MA91(AN S:PO71WT XA+.F73)T
 (AL-XA+.F75)T00? ² HA/HOL:KIYM03 LF/RE74DET MIC:RA80YIM W./P/I73Y LO74)
 \$F)F92LW.? LF/(OWZ03 B.:MF(O74WZ P.AR:(O80H W:/LA/X:SO73WT B.:C"71L
 MIC:RF75YIM00? ³ W:/HFYF71H L/FKE91M MF(O71WZ P.AR:(O73H L:/BO92\$ET?
 W:/HE/XFS71W.T B.:C"L-MIC:RA73YIM LI/K:LIM.F75H00? ⁴ K.I75Y-HFY71W.
 B:/CO73(AN &FRF92Y/W W./MAL:)FKF73Y/W XFN"71S YAG.I75Y(W.00? ⁵ K.O74L
 HOBI80)IY\$ (AL-(A73M LO)-YOW(I74YLV.? L/F92MOW LO70) L:/("33ZER03 W:/LO74)
 L:/HOW(I80YL K.I71Y L:/BO73\$ET W:/GAM-L:/XER:P.F75H00 ⁶ MA&.F73)
 B.AH:AMO74WT NE92GEB B.:)/EREC04 CFRF63H W:/CW.QF61H? LFB194Y) WF/LA74YIS
 M"/HE81M)EP:(EH03 W:/&FRF74P M:(OWP"80P? YI&:)/W.04 (AL-K.E63TEP
 (:AYFRI61YM X"75YL/"HE81M W:/)AL-D.AB.E70\$ET G.:MAL.IYM03
)O75WC:ROT/F80M? (AL-(A73M LO71) YOW(I75YLV.00 ⁷ W:/MIC:RA85YIM HE71BEL
 WF/RI73YQ YA:(ZO92RW.? LF/K"N03 QFRF74)TIY LF/ZO80)T RA71HAB H"73M
 \$F75BET00? ⁸ (AT.F81H B.O74W) KFT:B/F71H. (AL-L91W.XA)IT./F73M W:/)AL-S"74PER
 XUQ./F92H.? W:/T:HIY03 L:/YO74WM)AX:ARO80WN LF/(A73D (AD-(OWLF75M00?
⁹ K.I74Y (A70M M:RIY03 H80W.) B.FNI73YM K.EXF\$192YM? B.FNI85YM LO75)-)FB71W.
 \$:MO73W(A T.OWRA71T Y:HWF75H00? ¹⁰):A\$E63R)FM:R70W. LF75/RO)IYM03 LO74)
 TIR:)/80W.? W:/LA74/XOZI80YM LO71) TEX:EZW.-L/F73NW. N:KOXO92WT?
 D.AB.:RW.-L/F74NW. X:ALFQO80WT X:AZ73W. MAH:ATAL.O75WT00? ¹¹ 10SW.RW.
 MI/N."Y-DE80REK: HA+.73W. MI/N."Y-)O92RAX? HA\$:B.I71YTW. MI/P.FN"73Y/NW.
)ET-Q:DO71W\$ YI&:RF)"75L00 ¹² LF/K"81N K.O70H)FMAR03 Q:DO74W\$ YI&:RF)"80L?
 YA71(AN MF75)FS/:KE73M B.A/D.FBF74R HA/Z.E92H? WA75/T.IB:+.XW.03 B.:/O74\$EQ
 W:/NFLO80WZ WA/T.I75\$.F:(AN73W. (FLF75Y/W00? ¹³ LF/K"81N YI75H:YE70H
 L/FKEM03 HE/(FWO74N HA/Z.E80H? K.:PE74REC NOP"80L NIB:(E73H B.:XOWMF74H

NI&:G.FBF92H?):\$ER-P.IT:)O71M L:/PE73TA(YFBO71W) \$IB:R/F75H.00?
¹⁴ 14W./\$:BFR/FH. K.:/"63BER N"94BEL YOWC:RI91YM K.FT73W.T LO74) YAX:MO92L?
 W:/LO75)-YIM.FC"70) BI/M:KIT.FT/OW03 XE80RE&? LA/X:T.O71WT)"03
 MI/Y.FQ80W.D W:/LA/X:&O71P MA73YIM MI/G.E75BE)00 ¹⁵ K.I74Y KO75H)-FMAR04
):ADONF63Y Y:HWI61H Q:DO74W\$ YI&:RF)"81L? B.:/\$W.BF70H WF/NA33XAT03
 T.IW.F74\$"(80W.N B.:/HA\$:Q"+03 W./B:/BI+:XF80H T.I75H:YE73HJ3
 G.:B75W.RAT/:KE92M? W:/LO73)):ABIYTE75M00 ¹⁶ WA/T.O63)M:R71W. LO)-KI91Y?
 (AL-S71W.S NFN73W.S (AL-K."74N T.:NW.S92W.N? W:/(AL-QA74L NIR:K.F80B
 (AL-K."73N YIQ.A71L.W. ROD:P"Y/KE75M00? ¹⁷)E74LEP)EXF81D MI/P.:N"Y03
 G.A:(ARA74T)EXF80D? MI/P.:N"91Y G.A:(ARA71T X:AMIS.F73H T.FNU92SW. (A74D
)IM-NOWTAR:T.E81M? K.A/T.O33REN03 (AL-RO74)\$ HF/HF80R W:/KA/N."73S
 (AL-HA/G.IB:(F75H00? ¹⁸ W:/LF/K"62N Y:XAK.E70H Y:HWFH03 LA75/X:ANAN/:KE80M
 W:/LF/K"71N YFR73W.M L:/RA75XEM/:KE92M? K.I75Y-):ELOH"70Y MIS:P.F+03
 Y:HWFH03)A\$:R"73Y K.FL-XO71WK"Y L/O75W00 ¹⁹ K.IY-(A91M B.:/CIY.O71WN
 Y"\$"73B B.I/YR75W.\$FLF92IM B.FKO74W LO75)-TIB:K.E81H? XFNO70WN YFX:N:/KF03
 L:/QO74WL ZA(:AQ/E80KF K.:/\$FM:(FT/O73W (FN/F75K:00? ²⁰ W:/NFTA63N L/FKE94M
):ADONF91Y LE71XEM CF73R W./MA74YIM LF92XAC? W:/LO75)-YIK.FN"71P (OWD03
 MOWRE80Y/KF W:/HFY71W. ("YNE73Y/KF RO)O71WT)ET-MOWRE75Y/KF00?
²¹ W:/)FZ:NE33Y/KF03 T.IS:MA74(:NFH DFBF80R M"75/)AX:ARE73Y/KF L")/MO92R?
 ZE70H HA/D.E33REK:03 L:K74W. B/O80W K.I71Y TA):AMI73YNW. W:/KI71Y
 TA&:M:J75YLVW.00? ²² W:/+IM.")TE81M)ET-CIP.W.Y03 P.:SIYL"74Y KAS:P./E80KF
 W:/)ET-):APUD.A73T MAS."KA74T Z:HFB/E92KF? T.IZ:R/"M03 K.:MO74W DFWF80H
 C"73) T.O71)MAR L/O75W00? ²³ W:/NFTAN04 M:+A63R ZAR:(/AKF61):A\$ER-T.IZ:RA74(
)ET-HF/):ADFMF81H? W:/LE33XEM03 T.:BW.)A74T HF75/):ADFMF80H W:/HFYF71H
 DF\$"73N W:/\$FM"92N? YIR:(E71H MIQ:NE91Y/KF B.A/Y.O71WM HA/H73W.) K.A71R
 NIR:XF75B00? ²⁴ W:/HF/):ALFPI74YM W:/HF/(:AYFRI81YM (O75B:D"Y03
 HF75/):ADFMF80H B.:LI71YL XFMI73YC YO)K"92LW.?):A\$ER-ZORE71H BF/RA73XAT
 W./BA/M.IZ:RE75H00? ²⁵ W:/HFYF74H05 (AL-K.FL-HA74R G.FBO81HA)1 W:/(AL03
 K.FL-G.IB:(F74H NI&.F)F80H P.:LFGI73YM? YIB:L"Y-MF92YIM? B.:/YOWM03 HE74REG
 RF80B B.I/N:PO73L MIG:D.FLI75YM00? ²⁶ W:/HFYF70H)OWR-HA/L.:BFNFH03J3
 K.:/O74WR HA75/XAM.F80H W:/O70WR HA75/XAM.FH03 YIH:YE74H \$IB:(FTA80YIM?
 K.:/O73WR \$IB:(A74T HA/Y.FMI92YM? B.:/YO81WM X:ABO70\$ Y:HWFH03
)ET-\$E74BER (AM./O80W W./MA71XAC MAK.FT/O73W YIR:P.F75)00 ²⁷ HIN."70H
 \$"M-Y:HWFH03 B.F74) MI/M.ER:XF80Q B.O("74R)AP./O80W W:/KO73BED MA&.F)F92H?
 &:PFTFY/W03 MF74L:)W. ZA80(AM W./L:\$OWN/O73W K.:/)"71\$)OKF75LET00?
²⁸ W:/RW.X/O62W K.:/NA70XAL \$OW+"P03 (AD-CAW.F74)R YE75X:ECE80H?
 LA/H:ANFPF71H GOWYI73M B.:/NF74PAT \$F92W:) W:/RE74SEN MAT:(E80H (A73L
 L:XFY"71Y (AM.I75YM00? ²⁹ HA/\$.IYR03 YI75H:YE74H L/FKE80M K.:/L"73YL
 HIT:QAD.E\$-XF92G? W:/&IM:XA74T L"BF81B K.A75/HOWL"K:03 B.E75/XFLI80YL
 LF/BO71W) B:/HAR-Y:HWF73H)EL-C71W.R? YI&:RF)"75L00? ³⁰ W:/HI\$:MI63Y(A
 Y:HWF61H)ET-HO74WD QOWL/O81W W:/NA70XAT Z:ROW/(OW03 YAR:)E80H?
 B.:/ZA74(AP)A80P W:/LA73HAB)"74\$)OWK"LF92H NE71PEC WF/ZE73REM
 W:/)E71BEN B.FRF75D00? ³¹ K.I75Y-MI/Q.O71WL Y:HWF73H Y"XA74T)A\$.92W.R
 B.A/\$."73BE+ YAK.E75H00? ³² W:/HFYF81H W:/HFYF81H K.O70L K.O70L MA75:(ABAR03
 MA75:(ABAR03 MA+."74H MA+."74H M75W.SFDF80H M75W.SFDF80H)A\$E63R
):A\$E63R YFNI70YXA YFNI70YXA Y:HWFH03 Y:HWFH03 (FLF80Y/W? (FLF80Y/W?
 B.:/TUP.I73YM B.:/TUP.I73YM W./B:/KIN.ORO92WT W./B:/KIN.ORO92WT
 W./B:/MIL:X:AMO71WT W./B:/MIL:X:AMO71WT T.:NW.PF73H T.:NW.PF73H
 B./F75M00? NIL:XAM-B./F75M00? ³³ K.I75Y-K.I75Y-(FR70W.K: (FR70W.K:
 M"75/)ET:MW.L03 M"75/)ET:MW.L03 T.FP:T.E80H T.FP:T.E80H **HI91Y)
 G.AM-LA/M.E71LEK: **HI91Y) HW.KF73N? LA/M.E71LEK: HE:(MI74YQ HW.KF73N?
 HIR:XI92B? HE:(MI74YQ M:DURFT/F81H. HIR:XI92B?)"70\$ M:DURFT/F81H.
 W:/("CIYM03)"70\$ HAR:B."80H? W:/("CIYM03 NI\$:MA70T HAR:B."80H? Y:HWFH03
 NI\$:MA70T K.:/NA74XAL Y:HWFH03 G.FP:RI80YT K.:/NA74XAL B.O(:ARF73H
 G.FP:RI80YT B./F75H.00 B.O(:ARF73H B./F75H.00 **31** ¹ HO74WY HA/Y.OR:DI70YM
 MIC:RA33YIM03 L:/(EZ:RF80H (AL-SW.SI73YM YI\$.F("92NW.? WA/Y.IB:+:X63W.
 (AL-RE61KEB K.I74Y RF81B W:/(A70L P.F75RF\$IYM03 K.I75Y-(FC:M74W. M:)O80D?

W:/LO70) \$F(W.03 (AL-Q:DO74W\$ YI&:RF)"80L W:/)ET-Y:HWF73H LO71) DFRF75\$W.00?
² W:/GAM-H70W.) XFKFM03 WA/Y.F74B") RF80(W:/)ET-D.:BFRF73Y/W LO74)
H"SI92YR? W:/QFM03 (AL-B."74YT M:R"(I80YM W:/)AL-(EZ:RA73T P.O71:(AL"Y
)F75WEN00? ³ W:/MIC:RA70YIM)FDFM03 W:75/LO)-)"80L W:/SW.S"Y/HE71M B.F&F73R
W:/LO)-R92W.XA? WA75/YHWF62H YA+.E74H YFD/O81W W:/KF\$A70L (OWZ"R03
W:/NFPA74L (FZU80R W:/YAX:D.F73W K.UL./F71M YIK:LFY75W.N00 ⁴ K.I74Y KO74H
)F75MAR-Y:HWF74H05)"L/A83Y? K.A):A\$E74R YEH:G.EH04 HF/)AR:Y"63H
W:/HA/K.:PI61YR (AL-+AR:P./O81W?):A\$E63R YIQ.FR"70) (FLFY/W03 M:LO74)
RO(I80YM? MI/Q.OWL/FM03 LO74) Y"XF80T W./M"75/H:AMOWN/F73M LO74)
YA75:(ANE92H? K."81N Y"R"D03 Y:HWF74H C:BF)O80WT LI/C:B.O71)
(AL-HAR-CIY.O73WN W:/)AL-G.IB:(FT/F75H.00? ⁵ K.:CIP.:FRI74YM (FPO80WT K."81N
YFG"91N Y:HWF71H C:BF)O73WT (AL-Y:R75W.\$FLF92IM? G.FNO71WN W:/HIC.I73YL
P.FSO71XA W:/HIM:LI75Y+00? ⁶ \$81W.BW. LA):A\$E91R HE:(MI71YQW. SFRF73H
B.:N"71Y YI&:RF)"75L00 ⁷ 10K.IY B.A/Y.O74WM HA/H80W.) YIM:)FS81W.N? 10)IY\$
):ELIYL"74Y KAS:P./O80W WE):ELIYL"73Y Z:HFB/O92W):A\$E63R (F&71W. L/FKE91M
Y:D"Y/KE73M X"75+:)00? ⁸ W:/NFPA70L)A\$.W.R03 B.:XE74REB LO)-)I80Y\$
W:/XE71REB LO75)-)FDF73M T.O75)K:AL/E92N.W.? W:/NF71S L/OW03
MI/P.:N"Y-XE80REB W./BAXW.RF73Y/W LF/MA71S YIH:Y75W.00? ⁹ W:/SAL:/(OW03
MI/M.FGO74WR YA75:(ABO80WR W:/XAT.71W. MI/N."73S &FRF92Y/W?
N:)UM-Y:HWF81H):A\$ER-)71W.R L/OW03 B.:CIY.O80WN W:/TAN.71W.R L/O73W
B.I/YRW.\$FLF75IM00 **32** ¹ H"71N L:/CE73DEQ YIM:LFK:-ME92LEK: W./L:/&FRI73YM
L:/MIS:P.F71+ YF&O75RW.00? ² W:/HFYFH-)I71Y\$ K.:MA75X:AB")-R73W.XA
W:/S"74TER ZF92REM? K.:PAL:G"Y-MA74YIM B.:CFYO80WN K.:C"71L
SE75LA(-K.FB"73D B.:)E71REC (:AY"PF75H00? ³ W:/LO71) TI\$:(E73YNFH ("YN"74Y
RO)I92YM W:/)FZ:N"71Y \$OM:(I73YM T.IQ:\$A75B:NFH00? ⁴ W./L:BA71B NIM:HFRI73YM
YFBI74YN LF/DF92(AT W./L:\$O74WN (IL.:GI80YM T.:MAH"73R L:/DAB."71R?
CFXO75WT00? ⁵ LO75)-YIQ.FR"71) (O91WD L:/NFBF73L NFDI92YB W./L:/KIYLA85Y
LO71) Y"75)FM"73R \$O75W(A00? ⁶ K.I70Y NFBFL03 N:BFLF74H Y:DAB."80R
W:/LIB./O73W YA:(A&EH-)F92WEN? LA:(A&O74WT XO81NEP W./L:/DAB."70R
)EL-Y:HWFH03 T.OW(F80H? L:/HFRIYQ03 NE74PE\$ RF("80B W./MA\$:QE71H CFM"73)
YAX:SI75YR00? ⁷ W:/K"LA73Y K."LF74Y/W RF(I92YM 10HW.) ZIM.O74WT YF(F80C?
L:/XAB."70L **(:ANIY.IYM03 B.:)IM:R"Y-\$E80QER W./B:/DAB."71R)EB:YO73WN
MIS:P.F75+00? ⁸ W:/NFDI73YB N:DIYBO74WT YF(F92C W:/H73W.) (AL-N:DIYBO71WT
YFQ75W.M00 ⁹ NFSIYM03 \$A75):ANAN.O80WT QO73M:NFH \$:MA74(:NFH QOWL/I92Y?
B.FNOWT03 B.O75+XO80WT HA):Z"73N.FH)IM:RFT/I75Y00? ¹⁰ YFMIYM03 (AL-\$FNF80H
T.IR:G.A73Z:NFH B.O75+:XO92WT? 10K.IY K.FLF74H BFCI80YR)O73SEP B.:LI71Y
YFBO75W)00? ¹¹ XIR:DW.03 \$A75):ANAN.O80WT R:GF73ZFH B.O75+:XO92WT?
P.:SO74+F75H W:/)O80RFH WA/X:AGO73WRFH (AL-X:ALFCF75YIM00?
¹² (AL-\$FDA73YIM SO75P:DI92YM (AL-&:D"Y-XE85MED (AL-G.E73PEN P.ORIY.F75H00?
¹³ 10(AL)AD:MA74T (AM./I80Y QO71WC \$FMI73YR T.A75(:ALE92H? 10K.IY
(AL-K.FL-B.FT."74Y MF&O80W& QIR:YF73H (AL.IYZF75H00? ¹⁴ K.I75Y-)AR:MO74WN
NU+.F80\$ H:AMO71WN (I73YR (UZ.F92B? (O74PEL WF/BA61XAN HFYF63H B:(A70D
M:(FROWT03 (AD-(OWLF80M? M:&O71W& P.:RF)I73YM MIR:("71H (:ADFRI75YM00?
¹⁵ (AD-Y"63(FRE71H (FL"91Y/NW. R73W.XA MI/M.FRO92WM? W:/HFYF70H MID:B.FR03
LA/K.AR:ME80L **W:/HA/K.AR:ME73L LA/Y.A71(AR Y"XF\$"75B00? ¹⁶ W:/\$FKA71N
B.A/M.ID:B.F73R MIS:P.F92+ W./C:DFQF73H B.A/K.AR:ME71L T."\$"75B00?
¹⁷ W:/HFYF91H MA:(A&"71H HA/C.:DFQF73H \$FLO92WM WA75(:ABODAT03
HA/C.:DFQF80H HA\$:Q"71+ WF/BE73+AX (AD-?(OWLF75M00? ¹⁸ W:/YF\$A71B (AM./I73Y
B.I/N:W"74H \$FLO92WM W.95/B:/MIS:K.:NOWT03 MIB:+AXI80YM W./BI/M:NW.XO73T
\$A):ANAN.O75WT00? ¹⁹ W./BFRA73D B.:RE74DET HA/Y.F92(AR W./BA/\$.IP:LF73H
T.I\$:P.A71L HF/(I75YR00? ²⁰)A\$:R"Y/KE85M ZOR:("73Y (AL-K.FL-MF92YIM
M:\$AL:X"71Y RE75GEL-HA/\$.O73WR W:/HA/X:AMO75WR00 **33** ¹ HO74WY \$OWD"81D
W:/)AT.FH03 LO74) \$FD80W.D W./BOWG"73D W:/LO)-BF74G:DW. B/O92W?
K.A/H:ATI75M:/KF70 \$OWD"D03 T.W.\$A80D K.A/N.:LOT:/KF71 LI/B:G.O73D
YIB:G.:DW.-B/F75K:00 ² Y:HWF71H XFN./"73NW. L:/KF74 QIW.I92YNW.? H:EY"70H
Z:RO/(FM03 LA/B.:QFRI80YM)AP-Y:\$W.(FT/"73NW. B.:("71T CFRF75H00? ³ MI/Q.O74WL
HFMO80WN NFD:D73W. (AM.I92YM M"/RO74WM:MUT/E80KF NFP:C73W.

G.OWYI75M00? 4 W:/US.A74P \$:LAL/:KE80M)O73SEP HE75/XFSI92YL K.:/MA\$.A71Q
 G."BI73YM \$OWQ"71Q B./O75W00? 5 NI&:G.F74B Y:HWF80H K.I71Y \$OK"73N
 MFRO92WM MIL."74) CIY.O80WN MI\$:P.F73+ W:/C:DFQF75H00? 6 W:/HFYFH03
):EMW.NA74T (IT.E80Y/KF? XO71SEN Y:\$W.(O73T XFK:MA74T WF/DF92(AT YIR:)A71T
 Y:HWF73H HI71Y))OWCFR/O75W00 7 10H"N)ER:)EL:/F80M CF:(AQ73W. XU92CFH
 MAL:):AK"74Y \$FLO80WM MA73R YIB:K.FY75W.N00? 8 NF\$A74M.W. M:SIL.O80WT
 \$FBA73T (OB"74R)O92RAX? H"P"70R B.:RIYT03 MF)A74S (FRI80YM LO71) XF\$A73B
):ENO75W\$00? 9)FBA70L)UM:L:LFH03)F80REC HEX:P.I71YR L:BFNO73WN QFMA92L?
 HFYF70H HA/\$.FROWN03 K.F75/(:ARFBF80H W:/NO("71R B.F\$F73N W:/KAR:ME75L00?
 10 (AT.F71H)FQ73W.M YO)MA74R Y:HWF92H (AT.FH03)"75ROWMF80M (AT.F73H
)EN.F&"75)00? 11 T.AH:AR71W. X:A\$A73\$ T."74L:DW. QA92\$ RW.X:/AKE85M)"73\$
 T.O)KAL/:KE75M00? 12 W:/HFY71W. (AM.I73YM MI&:R:PO74WT &I92YD QOWCI71YM
 K.:SW.XI73YM B.F/)"71\$ YIC.A75T.W.00 13 \$IM:(71W. R:XOWQI73YM):A\$E74R
 (F&I92YTIY W:/D:(71W. Q:ROWBI73YM G.:BURFT/I75Y00? 14 P.FX:AD70W.
 B:/CIY.OWN03 XA+.F)I80YM)FX:AZF71H R:(FDF73H X:AN"PI92YM? MI74Y05
 YFG74W.R L/F81NW. 10)"\$)OWK"LF80H MIY-YFG71W.R L/F73NW. MOWQ:D"71Y
 (OWLF75M00? 15 HOL"74K: C:DFQO80WT W:/DOB"73R M"75Y\$FRI92YM MO)"62S
 B.:BE74CA(MA(:A\$AQ.O81WT? NO("70R K.AP.FY/W03 MI/T.:MO74K: B.A/\$.O80XAD
)O+"70M)FZ:N/OW03 MI/\$.:MO74(A D.FMI80YM? W:/OC"71M ("YNF73Y/W
 M"/R:)O71WT B.:RF95(00 16 10HW.) M:ROWMI74YM YI\$:K.O80N? M:CFDO71WT
 S:LF(I73YM MI&:G.AB./O92W LAX:M/O74W NIT.F80N M"YMF73Y/W
 NE):EMFNI75YM00? 17 ME71LEK: B.:YFP:Y/O73W T.EX:EZE74YNFH ("YNE92Y/KF
 T.IR:)E73YNFH)E71REC MAR:XAQ.I75YM00? 18 LIB:/KF73 YEH:G.E74H)"YMF92H
)AY."70H SOP"R03)AY."74H \$OQ"80L)AY."73H SOP"71R)ET-HA/M.IG:D.FLI75YM00?
 19)ET-(A71M NOW(F73Z LO74) TIR:)E92H (A74M (IM:Q"70Y &FPPH03 MI/\$.:MO80W(A
 NIL:(A71G LF\$O73WN?)"71YN B.IYNF75H00? 20 X:AZ"74H CIY.O80WN QIR:YA73T
 MO75W(:AD/"92NW.? ("YNEY/KF04 TIR:)E63YNFH Y:RW.\$FLA61IM NFWE74H
 \$A):ANF81N)O70HEL B.AL-YIC:(FN03? B.AL-YIS.A70(Y:T"75DOTFY/W03 LF/NE80CAX
 W:/KFL-X:ABFLF73Y/W B.AL-YIN.FT"75QW.00? 21 K.I74Y)IM-\$F62M)AD.I70YR
 Y:HWFH03 L/F80NW. M:QOWM-N:HFRI71YM Y:)ORI73YM RAX:AB"74Y YFDF92YIM?
 B.AL-T."70LEK: B./OW03):FNIY-\$A80YI+ W:/CI71Y)AD.I73YR LO71)
 YA(AB:R/E75N.W.00? 22 K.I70Y Y:HWFH03 \$OP:+"80NW. Y:HWF73H M:XOQ:Q/"92NW.
 Y:HWF71H MAL:K/"73NW. H71W.) YOW\$IY(/"75NW.00? 23 NI+.:73W. X:ABFLF92Y/IK:
 B.AL-Y:XAZ.:Q70W. K"N-T.FR:N/FM03 B.AL-P.F74R:&W. N"80S?)F74Z XUL.A70Q
 (A75D-\$FLFL03 MAR:B.E80H P.IS:XI73YM B.F71Z:ZW. BA75Z00? 24 W:/BAL-YO)MA71R
 \$FK"73N XFLI92YTIY HF/(F91M HA/Y.O\$"71B B./F73H. N:&U71) (FWO75N00?
34 1 QIR:B70W. GOWYIM03 LI/\$:MO80(A W:/L:)UM.I73YM HAQ:\$I92YBW.? T.I\$:MA70(
 HF)/F33REC03 W:/M:LO)/F80H. T."B"73L W:/KFL-CE):ECF)E75Y/HF00? 2 K.I74Y QE70CEP
 LA75/YHWFH03 (AL-K.FL-HA/G.OWYI80M W:/X"MF73H (AL-K.FL-C:BF)/F92M?
 HEX:ERYM/F73M N:TFN/F71M LA/+..F75BAX00? 3 W:/XAL:L"Y/HE74M YU\$:LF80KW.
 W:/PIG:R"Y/HE73M YA(:ALE74H BF):\$F92M? W:/NFMA71S.W. HFRI73YM
 MI/D.FM/F75M00 4 W:/NFMA33Q.W.03 K.FL-C:BF74) HA/\$.FMA80YIM? W:/NFGO71L.W.
 KA/S."73PER HA/\$.FMF92YIM W:/KFL-C:BF)/F74M YIB.O80WL? K.I/N:BO70L (FLEH03
 MI/G.E80PEN W:/K:/NOBE73LET MI/T.:)"NF75H00? 5 K.I75Y-RIW.:TF71H
 BA/\$.FMA73YIM XAR:B./I92Y? HIN."H03 (AL-):EDO74WM T."R"80D W:/AL-(A71M
 XER:M/I73Y L:/MI\$:P.F75+00? 6 XE74REB LA/YHWF62H MFL:)F71H DFM03
 HUD.A74\$NFH M"/X"80LEB? MI/D.A70M K.FRIYM03 W:/AT.W.DI80YM M"/X"73LEB
 K.IL:YO74WT)"YLI92YM? K.I74Y ZE70BAX LA75/YHWFH03 B.:BFC:RF80H
 W:/+E71BAX G.FDO73WL B.:/E71REC):EDO75WM00? 7 W:/YFR:D70W. R:)"MIYM03
 (IM./F80M W:/PFRI73YM (IM-)AB.IYRI92YM? W:/RIW.:TF70H)AR:C/FM03 MI/D.F80M
 WA/(:APFR/F73M M"/X"71LEB Y:DU\$.F75N00? 8 K.I91Y YO71WM NFQF73M
 LA75/YHWF92H \$:NA71T \$IL.W.MI73YM L:/RI71YB CIY.O75WN00? 9 W:/NEHEP:K70W.
 N:XFLE33Y/HF03 L:/ZE80PET WA/(:APFR/F73H. L:/GFP:RI92YT? W:/HFY:TF74H
)AR:C/F80H. L:/ZE73PET B.O("RF75H00? 10 LA70Y:LFH W:/YOWMFM03 LO74)
 TIK:B.E80H L:/OWLF73M YA(:ALE74H (:A\$FN/F92H.? MI/D.O70WR LF/DOWR03
 T.EX:ERF80B L:/N"74CAX N:CFXI80YM)"71YN (OB"73R B./F75H.00?
 11 WI/YR"\$33W./HF03 QF)A74T W:/QIP.O80WD W:/YAN:\$O71WP W:/OR"73B

B/F92H.? W:/NF+F71H (FLE91Y/HF QA75W-TO73HW. W:/)AB:N"Y-BO75HW.00?
¹² XORE71Y/HF? W:/)75YN-\$F73M M:LW.KF74H YIQ:RF92)W. W:/KFL-&FRE73Y/HF
 YI71H:YW.)F75PES00? ¹³ W:/FL:TF70H)AR:M:NOTE33Y/HF03 SIYRI80YM QIM.O71W&
 WF/XO73WXA B:/MIB:CFRE92Y/HF? W:/HFY:TFH03 N:W"74H TAN.I80YM XF73YR
 LI/B:NO71WT YA:(ANF75H00? ¹⁴ W:/PFG:\$70W. CIY.IYM03)ET-)Y.I80YM W:/&F(I73YR
 (AL-R"/("74HW. YIQ:RF92)?)AK:-\$FM03 HIR:G.I74Y(FH L.IYLI80YT W:/MFC:)F71H
 L/F73H. MFNO75WXA00? ¹⁵ \$F74M.FH QIN.:NF70H QIP.OWZ03 WA/T.:MAL."80+
 W:/BFQ:(F73H W:/DFG:RF74H B:/CIL:/F92H.?)AK:-\$F91M NIQ:B.:C71W. DAY.O73WT
)I\$.F71H R:(W.T/F75H.00? ¹⁶ D.IR:\$63W. M"75/(AL-S"70PER Y:HWFH03 W.95/Q:RF80)W.
)AXA70T M"/H"33N.FH03 LO74) NE:(D.F80RFH?)I\$.F71H R:(W.T/F73H. LO74)
 PFQF92DW. K.I75Y-P/IY03 H74W.) CIW.F80H W:/RW.X/O73W H71W.)? QIB.:CF75N00?
¹⁷ W:/H75W.)-HIP.I70YL L/FHEN03 G.OWRF80L W:/YFD/O91W XIL.:QA71T.FH L/FHE73M
 B.A/Q.F92W? (AD-(OWLFM03 YI75YRF\$80W./HF L:/DO71WR WF/DO73WR
 YI\$:K.:NW.-B/F75H.00 **35** ¹ Y:&U&71W./M MID:B.F73R W:/CIY.F92H W:/TFG"94L
 (:ARFBF91H W:/TIP:RA73X? K.A/X:ABAC.F75LET00 ² P.FRO63XA T.IP:RA61X
 W:/TFG"81L 10)AP G.IYLA74T W:/RAN."80N? K.:BO70WD HA/L.:BFNOWN03
 NIT.AN-L/F80H. H:ADA71R HA/K.AR:ME73L W:/HA/\$.FRO92WN? H"91M.FH YIR:)71W.
 K:BOWD-Y:HWF73H H:ADA71R)E:LOH"75Y/NW.00 ³ XAZ.:Q73W. YFDA74YIM
 RFPO92WT W:/BIR:K.A71YIM K.O\$:LO73WT)AM."75CW.00? ⁴)IM:RW.03
 L:/NIM:H:AR"Y-L"80B XIZ:Q73W.)AL-T.IYRF92)W.? HIN."70H)E:LO75H"Y/KEM03
 NFQF74M YFBO80W)? G.:M74W.L)E:LOHI80YM H71W.) YFBO73W)
 W:/YOSA(/:AKE75M00? ⁵)F71Z T.IP.FQA73X:NFH ("YN"74Y (IW:RI92YM W:/)FZ:N"71Y
 X"R:\$I73YM T.IP.FTA75X:NFH00? ⁶)F74Z Y:DAL."70G K.F75/)AY.FL03 P.IS."80XA
 W:/TFRO73N L:\$O74WN)IL."92M? K.I75Y-NIB:Q:(70W. BA/M.ID:B.FR03 MA80YIM
 W/N:XFLI73YM B.F/(:ARFBF75H00? ⁷ W:/HFYF70H HA/\$.FRFB03 LA/):AGA80M
 W:/CIM.F)O73WN L:/MAB.74W.("Y MF92YIM? B.I/N:W"70H TAN.IYM03 RIB:C/F80H.
 XF73YR L:/QFNE71H WF/GO75ME)00? ⁸ W:/HFYFH-\$F62M MAS:L74W.L WF/DE81REK:
 W:/DE70REK: HA/Q.O33DE\$03 YIQ.F74R") L/F80H.? LO75)-YA(AB:R/E71N.W. +FM"73)
 W:/HW.)-L/F92MOW HOL"71K: D.E91REK: WE/):EWIYLI73YM LO71)? YIT:(75W.00?
⁹ LO)-YIH:YE63H \$F61M)AR:Y"81H W:/P:RI70YC XAY.OWT03 B.A75L-YA(:AL/E80N.FH
 LO71) TIM.FC"73)? \$F92M W:/HFL:K73W. G.:W.LI75YM00 ¹⁰ W:/P:DW.Y"63Y Y:HWF61H
 Y:\$UB81W.N? W:/BF70)W. CIY.OWN03 B.:RIN.F80H W:/&IM:XA71T (OWLF73M
 (AL-RO)\$F92M? &F&O70WN W:/&IM:XFH03 YA&.I80YGW. W:/NF73SW. YFGO71WN
 WA/):ANFXF75H00 **36** ¹ WA/Y:HI83Y B.:/)AR:B.A(04 (E&:R"63H \$FNF61H LA/M.E74LEK:
 XIZ:QIY.F81HW. (FLF62H SAN:X"RI70YB ME75LEK:-)A\$.W.R03? (A74L K.FL-(FR"94Y
 Y:HW.DF91H HA/B.:CURO73WT WA75/Y.IT:P.:&/"75M00 ²)ET-?WA/Y.I\$:LA74X
 RAB-ME75LEK:-\$FQ"63H)A\$.74W.R05 MI/L.FKI94Y\$)ET-?Y:RW.\$FLA91:M/FH
 RAB-JEL-\$FQ"63H HA/M.E71LEK: MI/L.FKI94Y\$ XIZ:QIY.F73HW. Y:RW.\$FLA91:M/FH
 B.:X"74YL)EL-K.FB"92D HA/M.E71LEK: WA75/Y.A(:AMO81D? XIZ:QIY.F73HW.
 B.I/T:(FLAT03 B.:X"74YL HA/B.:R"KF74H K.FB"92D HF/(EL:YOWNF80H
 WA75/Y.A(:AMO81D? B.I/M:SIL.A73T B.I/T:(FLAT03 &:D"71H HA/B.:R"KF74H
 KOWB"75S00 HF/(EL:YOWNF80H B.I/M:SIL.A73T &:D"71H KOWB"75S00 ³ WA/Y."C"71)
)"LF91Y/W)EL:YFQI71YM? B.EN-XIL:QIY.F73HW.):A\$E74R (AL-HA/B.F92YIT
 W:/(\$EB:NF)03 HA/S.OP"80R W:/YOW)F71X B.EN-)FSF73P HA/M.AZ:K.I75YR00?
⁴ WA/Y.O70)MER):AL"Y/HEM03 RAB-\$FQ"80H)IM:RW.-NF73))EL-XIZ:QIY.F92HW.
 K.O75H)FMA62R HA/M.E70LEK:? HA/G.FDOWL03 ME74LEK:)A\$.80W.R MF94H
 HA/B.I+.FXO91WN HA/Z.E73H):A\$E71R B.F+F75X:T.F00 ⁵)FMA33R:T.IY03
)AK:-?D.:BAR-&:PFTA80YIM ("CF71H W:/G:BW.RF73H LA/M.IL:XFMF92H (AT.FH03
 (AL-MI74Y BF+A80X:T.F K.I71Y MFRA73D:T.F? B./I75Y00 ⁶ HIN."74H BF+A83X:T.F
 (AL-MI\$:(ENET04 HA/Q.FNE63H HF/RFC70W.C HA/Z.EH03 (AL-MIC:RA80YIM
):A\$E63R? YIS.FM"71K:)IY\$03 (FLF80Y/W W:/BF71) B:/KAP./O73W W:/N:QFB/F92H.
 10K."N P.AR:(O74H ME75LEK:-MIC:RA80YIM L:/KF75L-?HA/B.O+:XI73YM (FLF75Y/W00
⁷ W:/KIY-TO)MA74R)"L/A80Y)EL-Y:HWF71H):ELOH"73Y/NW. B.F+F92X:NW.
 H:A/LOW)-?H81W.)):A\$E63R H"SI70YR XIZ:QIY.F33HW.03)ET-B.FMOTF74Y/W
 W:/)ET-MIZ:B.:XOTF80Y/W WA/Y.O70)MER LI75/YHW.DFH03 W:/LI/YR74W.\$FLA80IM
 LI/P:N"91Y HA/M.IZ:B."71XA HA/Z.E73H T.I75\$:T.AX:AW95W.00 ⁸ W:/)AT.FH03
 HIT:(F74REB NF80))ET-?):ADON/I73Y HA/M.E74LEK:)A\$.92W.R W:/)ET.:NF70H L:/KF03

)AL:P.A74YIM SW.SI80YM)IM-T.W.KA85L LF71/TET L:/KF73? ROK:BI71YM
 (:AL"Y/HE75M00⁹ W:/)"74YK: T.F\$181YB 14)"T P.:N"63Y PAXA71T)AXA91D (AB:D"71Y
):ADON/I73Y HA/Q:+AN.I92YM? WA/T.IB:+A70X L:/KF03 (AL-MIC:RA80YIM
 L:/RE73KEB W./L:/PFRF\$175YM00¹⁰ W:/)AT.FH03 H:A/MI/B.AL:(AD"74Y Y:HWFH03?
 (FLI91YTIY (AL-HF)/F71REC HA/Z.O73)T L:/HA\$:XIYT/F92H. Y:HWFH03)FMA74R
)"L/A80Y (:AL"91H)EL-HF)/F71REC? HA/Z.O73)T W:/HAS\$:XIYT/F75H.00
¹¹ WA/Y.O74)MER)EL:YFQIYM04 W:/SEB:Nf63) W:/YOW)F61X)EL-RAB-?\$FQ"81H
 D.AB.ER-NF70))EL-(ABFDE33Y/KF03):ARFMI80YT K.I71Y \$OM:(I73YM):ANF92X:NW.
 W:/)AL-T.:DAB."70R?)"L"33Y/NW.03 Y:HW.DI80YT B.:/FZ:N"74Y HF/(F80M):A\$E73R
 (AL-HA/XOWMF75H00¹² WA/Y.O74)MER WA/Y.O74)MER RAB-RAB-\$FQ"81H?
 \$FQ"81H? HA/E63L HA/E63L):ADONE70Y/KF):ADONE70Y/KF W:/)"LE33Y/KF03
 W:/)"LE33Y/KF03 \$:LFX/A74NIY \$:LFX/A74NIY):ADON/I80Y):ADON/I80Y L:/DAB."73R
 L:/DAB."73R)ET-)ET-HA/D.:BFRI74YM HA/D.:BFRI74YM HF/)"92L.EH HF/)"92L.EH
 H:A/LO74)? H:A/LO74)? (AL-(AL-HF/):ANF\$181YM HF/):ANF\$181YM HA/Y.O75\$:BIYM03
 HA/Y.O75\$:BIYM03 (AL-(AL-HA74/XOWMF80H HA74/XOWMF80H LE/):EKO74L
 LE/):EKO74L **COW)FT/F81M)ET-W:/LI/\$:T.O91WT **COW)FT/F81M **M"YM"71Y
 W:/LI/\$:T.O91WT **RAG:L"Y/HE73M)ET-?(IM./FKE75M00 **M"YM"71Y
 **RAG:L"Y/HE73M (IM./FKE75M00¹³ WA75/Y.A:(AMOD03 RAB-\$FQ"80H WA/Y.IQ:RF71)
 B:/QOWL-G.FDO73WL Y:HW.DI92YT? WA/Y.O85)MER \$IM:(81W.)ET-D.IB:R"91Y
 HA/M.E71LEK: HA/G.FDO73WL ME71LEK:)A\$.75W.R00¹⁴ 10K.OH)FMA74R?
 HA/M.E80LEK:)AL-YA\$.I71) L/FKE73M XIZ:QIY.F92HW. K.I71Y LO75)-YW.KA73L
 L:/HAC.I71YL)ET/:KE75M00¹⁵ W:/)AL-?YAB:+A63X)ET/:KE70M XIZ:QIY.F33HW.03
)EL-Y:HWF74H L")MO80R HAC."71L YAC.IYL/"73NW. Y:HWF92H LO70) TIN.FT"N03?
 HF/(I74YR HA/Z.O80)T B.:YA73D ME71LEK:)A\$.75W.R00¹⁶)A75L-T.I\$:M:(73W.
)EL-XIZ:QIY.F92HW. K.IY04 KO63H?)FMA61R HA/M.E74LEK:)A\$.81W.R
 (:A&75W.-)IT./I70Y B:RFKFH03 W:/C:/74W.)"L/A80Y W:/)IK:L70W.)IY\$-G.AP:N/OW03
 W:/)I74Y\$? T.):"NFT/O80W W:/)\$:T73W.)I71Y\$ M"Y-BOWR/O75W00¹⁷ (AD-B.O)/I85Y
 W:/LFQAX:T.I71Y)ET/:KE73M)EL-)E74REC? K.:/AR:C:/KE92M)E70REC D.FGFN03
 W:/TIYRO80W\$)E71REC LE73XEM W:/K:RFMI75YM00¹⁸ P.EN-YAS.I63YT)ET/:KE70M?
 XIZ:QIY.F33HW.03 L")MO80R Y:HWF73H YAC.IYL/"92NW. HA/HIC.I61YILW.
):ELOH"70Y HA/G.OYIM03)I74Y\$)ET-)AR:C/O80W MI/Y.A73D? ME71LEK:
)A\$.75W.R00¹⁹)AY."62H):ELOH"70Y X:AMFT03 W:/)AR:P.F80D)AY."73H):ELOH"74Y
 S:PAR:WF92YIM W:/KI75Y-?HIC.I71YLW.)ET-\$OM:RO73WN MI/Y.FD/I75Y00²⁰ MI81Y
 B:/KFL-):ELOH"70Y HF75/):ARFCOWT03 HF/)"80L.EH):A\$ER-?HIC.I71YLW.
)ET-)AR:C/F73M MI/Y.FD/I92Y K.I75Y-YAC.I94YL Y:HWF91H)ET-Y:RW.\$FLA73IM
 MI/Y.FD/I75Y00²¹ WA75/Y.AX:ARI80Y\$W.? W:/LO75)-(FN71W.)OT/O73W D.FBF92R
 K.I75Y-MIC:WA63T HA/M.E71LEK: HI91Y) L")MO73R LO71) TA:(ANU75/HW.00?
²² WA/Y.FBO74))EL:YFQI74YM B.EN-XIL:QIY.F74HW.):A\$ER-(AL-14HA/B.AYIT
 W:/SEB:Nf63) HA/S.OWP"61R W:/YOW)F63X? B.EN-)FSF94P HA/M.AZ:K.I91YR
)EL-XIZ:QIY.F73HW. Q:RW.("74Y B:GFDI92YM WA/Y.AG.I74YDW. L/O80W)"73T
 D.IB:R"71Y RAB-?\$FQ"75H00 **37**¹ WA/Y:HI81Y K.I/\$:MO33(A03 HA/M.E74LEK:
 XIZ:QIY.F80HW. WA/Y.IQ:RA73()ET-B.:GFDF92Y/W WA/Y.IT:K.A74S B.A/&.F80Q
 WA/Y.FBO73) B."71YT? Y:HWF75H00² 14WA/Y.IS:LAX)ET-)EL:YFQI63YM
):A\$ER-(AL-HA/B.A61YIT W:/)"74T05 \$EB:Nf74) HA/S.OWP"81R? W:/)"T03 ZIQ:N"74Y
 HA/K.OH:ANI80YM MIT:K.AS.I73YM B.A/&.AQ.I92YM)EL-Y:\$A75(:YF71HW.
 BEN-)FMO73WC HA/N.FBI75Y)00? ³ WA/Y.OJM:R74W.)"LF81Y/W 10K.OH)FMA74R
 XIZ:QIY.F80HW. YOWM-CFRF94H W:/TOWK"XF91H W:/N:)FCF73H HA/Y.O74WM
 HA/Z.E92H? K.I74Y BF70)W. BFNIYM03 (AD-MA\$:B."80R W:/KO71XA)A73YIN
 L:/L"DF75H00⁴)JW.LA83Y YI\$:MA(04 Y:HWF63H):ELOHE61Y/KF?)"74T05 D.IB:R"74Y
 RAB-\$FQ"81H):A\$ER04 \$:LFX/O63W ME75LEK:-)A\$.70W.R05):ADONFY/W03
 L:/XFR"P03):ELOHI74YM? XA80Y W:/HOWKI33YXA03 B.A/D.:BFRI80YM):A\$E71R
 \$FMA73(Y:HWF74H):ELOHE92Y/KF W:/NF&F74)TF T:PIL.F80H B.:A71D?
 HA/\$:)"RI73YT HA/N.IM:CF)F75H00⁵ WA/Y.FBO81)W. (AB:D"91Y HA/M.E71LEK:
 XIZ:QIY.F73HW.)EL-Y:\$A(:YF75HW.00?⁶ WA/Y.O70)MER):AL"Y/HEM03
 Y:\$A75(:YF80HW. K.O71H TO)M:R73W.N)EL-):ADON"Y/KE92M K.O74H05)FMA74R
 Y:HWF81H?)AL-T.IYRF)03 MI/P.:N"70Y HA/D.:BFRIYM03):A\$E74R \$FMA80(T.F
):A\$E94R G.ID.:P91W. NA(:AR"71Y MELEK:-)A\$.73W.R?)OWT/I75Y00⁷ HIN:/NI63Y

NOWT"71N B./OW03 R80W.XA W:/\$FMA71(\$:MW.(F73H W:/\$F74B)EL-)AR:C/O92W
W:/HIP.AL:T.I71Y/W? B.A/XE73REB B.:)AR:C/O75W00⁸ WA/Y.F33\$FB03 RAB-\$FQ"80H
WA/Y.IM:CF)03)ET-ME74LEK:)A\$.80W.R? NIL:XF73M (AL-LIB:N92H K.I74Y \$FMA80(
K.I71Y NFSA73(MI/L.FKI75Y\$00⁹ WA/Y.I\$;MA81((AL-T.IR:HF70QFH?
ME75LEK:-K.W.\$03 L"/)MO80R YFCF73) L:/HIL.FX"74M)IT./F92K: WA/Y.I\$;MA(03
WA/Y.I\$;LA74X MAL:FKI80YM)EL-?XIZ:QIY.F73HW. L"/)MO75R00¹⁰ K.O74H
TO)M:R81W.N)EL-XIZ:QIY.F70HW. ME75LEK:-Y:HW.DFH03 L"/)MO80R
)AL-?YA\$.I):AKF74J3)ELOHE80Y/KF):A\$E71R)AT.F91H B.OW+"71XA B./O73W
L"/)MO92R LO70) TIN.FT"N03 Y:R74W.\$FLA80IM B.:YA73D ME71LEK:?) A\$.75W.R00
¹¹ HIN."74H05)AT.F74H \$FMA81(T.F):A\$E63R (F&61W. MAL:K"71Y)A\$.91W.R
L:/KFL-HF):ARFCO73WT? L:/HAX:ARIYM/F92M W:/)AT.F73H T.IN.FC"75L00
¹² HA/HIC.I63YLB.)OWT/F61M):ELOH"70Y HA/G.OWYIM03):A\$E74R HI\$;XI74YTW.?
):ABOWT/A80Y)ET-G.OWZF73N W:/)ET-XFRF92N W:/RE71CEP W./B:N"Y-(E73DEN
):A\$E71R B.I/T:LA&.F75R00¹³)AY."70H? ME75LEK:-X:AMFT03 W./ME74LEK:
)AR:P.F80D W./ME73LEK: LF/(I74YR S:PAR:WF92YIM H"NA73(W:/)IW.F75H00?
¹⁴ WA/Y.IQ.A63X XIZ:QIY.F94HW.)ET-HA/S.:PFRI91YM MI/Y.A71D HA/M.AL:FKI73YM
WA/Y.IQ:RF)/"92HW. WA/Y.A33(AL03 B."74YT? Y:HWF80H WA/Y.IP:R:&/"71HW.
XIZ:QIY.F73HW. LI/P:N"71Y Y:HWF75H00¹⁵ WA/Y.IT:P.AL."L03 XIZ:QIY.F80HW.
)EL-Y:HWF73H? L"/)MO75R00¹⁶ Y:HWF63H C:BF)O61WT):ELOH"70Y YI&:RF)"L03
YO\$"74B HA/K.:RUBI80YM)AT.FH-H70W.)? HF75):ELOHIYM03 L:/BAD.:KF80
L:/KO73L MAM:L:KO74WT HF)/F92REC)AT.F74H (F&I80YTF)ET-HA/\$.FMA73YIM
W:/)ET-?HF)/F75REC00¹⁷ HA+."63H Y:HWF70H05)FZ:N:KF03 W.95\$:MF80(P.:QA94X
Y:HWF91H ("YN/E73KF W./R:)"92H W./\$:MA81(10)"T? K.FL-D.IB:R"74Y SAN:X"RI80YB
):A\$E74R \$FLA80X L:/XFR"73P):ELOHI71YM XF75Y00?¹⁸)FM:N973M Y:HWF92H?
HEX:ERI61YBW. MAL:K"71Y)A\$.91W.R)ET-K.FL-HF):ARFCO73WT
W:/)ET-)AR:C/F75M00¹⁹ W:/NFTO71N)ET-?):ELOH"Y/HE73M B.F)/"92\$ K.IY04 LO63)
):ELOHI61YM H"81M.FH K.I74Y)IM-MA(:A&"94H Y:D"75Y-)FDF91M ("71C
WF)/E73BEN? WA75/Y:)AB.:D75W./M00²⁰ W:/)AT.FH03 Y:HWF74H):ELOH"80Y/NW.
HOW\$Y("73NW. MI/YFD/O92W)1 W:/Y"75D:(W.03 K.FL-MAM:L:KO74WT? HF)/F80REC
K.I75Y-)AT.F71H Y:HWF73H L:/BAD./E75KF00²¹ WA/Y.I\$;LAX03 Y:\$A75(:YF74HW.
BEN-?)FMO80WC)EL-XIZ:QIY.F73HW. L"/)MO92R K.O75H-)FMA70R Y:HWFH03
):ELOH"74Y YI&:RF)"80L):A\$ER03 HIT:P.AL.A74L:T.F?)"L/A80Y)EL-SAN:X"RI73YB
ME71LEK:)A\$.75W.R00²² ZE74H HA/D.FBF80R):A\$ER-D.IB.E71R Y:HWF73H
(FLF92Y/W? B.FZF63H L:/KF61 LF:(AGF74H L:/KF81 B.:TW.LAT03 B.AT-CIY.O80WN?
)AX:ARE33Y/KF03 RO74)\$ H"NI80Y(FH B.A73T Y:RW.\$FLF75IM00?²³)ET-MI70Y
X"RA33P:T.F03 W:/GID.A80P:T.F W:/)AL-MI73Y H:ARIYMO74WTFH Q.O92WL?
WA/T.I&.F71) MFRO91WM ("YNE73Y/KF)EL-Q:DO71W\$ YI&:RF)"75L00?²⁴ B.:YA74D
(:ABFDEY/KF02 X"RA74P:T.F05):ADONFY01 WA/T.O81)MER B.:RO71B RIK:B./I91Y?
):ANI71Y (FLI91YTIY M:RO71WM HFRI73YM YAR:K:T"74Y L:BFNO92WN?
W:/)EK:RO62T QOWMA70T):ARFZFY/W03 MIB:XA74R B.:RO\$F80Y/W? W:/)FBOW)03
M:RO74WM QIC./O80W YA73(AR K.AR:MIL./O75W00?²⁵):ANI71Y QA73R:T.IY
W:/\$FTI74YTIY MF92YIM? W:/)AX:RIB03 B.:KAP-P:.(FM/A80Y K.O73L Y:)OR"71Y
MFCO75WR00?²⁶ H:A/LO75W)-\$FMA70(:T.F L:/M"75/RFXOWQ03)OWT/F74H.
(F&I80YTIY? MI71/YM"Y QE73DEM WI/YCAR:T.I92Y/HF (AT.F74H H:AB")TI80Y/HF?
W:/T:HI81Y L:/HA\$)O91WT G.AL.I71YM NIC.I73YM (FRI71YM B.:CURO75WT00?
²⁷ W:/YO75\$:B"Y/HEN03 QIC:R"Y-YF80D XA73T.W. WF/BO92\$W.? HFY62W("70&EB
&FDEH03 WI74/YRAQ D.E80\$E)? X:ACI74YR G.AG.O80WT W./\$:D"MF73H LI/P:N"71Y
QFMF75H00?²⁸ W:/\$IB:T.:KF91 W:/C")T:KF71 W./BOW):AKF73 YFDF92(:T.IY W:/)"73T
HI75T:RAG.EZ/:KF71)"L/F75Y00?²⁹ 10YA(AN HIT:RAG.EZ/:KF74)"L/A80Y
W:/\$A):ANAN:KF73 (FLF74H B:/)FZ:N/F92Y? W:/&AM:T.I63Y XAX/I61Y B.:)AP./E81KF
W./MIT:G./IY03 B.I/&:PFTE80Y/KF? WA/H:A\$I74YB0TI80Y/KF B.A/D.E73REK:
):A\$ER-B.F71)TF B./F75H.00?³⁰ W:/ZEH-L:/KF74 HF)/O80WT?)FKO70WL HA/\$.FNFH03
SFPI80YXA W./BA/\$.FNF71H HA/\$."NI73YT \$FXI92YS? W./BA/\$.FNF74H
HA/\$.:LIY\$I81YT ZIR:(94W. W:/QIC:R91W. W:/NI+: (71W. K:RFMI73YM **W:/)IK:L71W.
PIR:Y/F75M00?³¹ W:/YF63S:PF61H P.:L"Y+A94T B."YT-Y:HW.DF91H HA/N.I\$:)FRF73H
\$O74RE\$ L:/MF92+.FH W:/)F&F71H P:RI73Y? L:/MF75(:L/FH00?³² K.I70Y
MI/YR75W.\$FLA33IM03 T."C"74) \$:)RI80YT W:/P:L"Y+F73H M"/HA74R CIY.O92WN?

QIN: A91T Y: HWF71H C: BF)O73WT T.A75(: A&EH-Z.O75)T00³³ LF/K"81N
 K.O75H-)FMA70R Y: HWFH03)EL-ME74LEK:)A\$.80W.R? LO70) YFBOW)03
)EL-HF/(I74YR HA/Z.O80)T W:/LO75)-YOWRE71H \$F73M X"92C?
 W:/LO75)-Y: QAD.:M/E74N.FH MFG"80N W:/LO75)-YI\$:P.O71K: (:FLE73Y/HF]1
 SOL:LF75H00? ³⁴ B.A/D.E71REK:):A\$ER-B.F73) B./F74H. YF\$92W.B W:/)EL-HF/(I71YR
 HA/Z.O91)T LO71) YFBO73W) N:)UM-?Y: HWF75H00? ³⁵ W:/GAN.OWTI91Y
 (AL-HF/(I71YR HA/Z.O73)T L:/HO75W\$YI/(F92H. L:MA75(:AN/I80Y W:/L:MA73(AN
 D.FWI71D? (AB:D./I75Y00 ³⁶ WA/Y."C"74)05 MAL:)A74K: Y: HWF81H WA/Y.AK.EH03
 B.:MAX:AN"74H)A\$.80W.R M")F91H W:/\$:MONI71YM WA/X:AMI\$.F73H)F92LEP?
 WA/Y.A\$:K.I74YMW. BA/B.O80QER W:/HIN."71H KUL./F73M P.:GFRI71YM M"TI75YM00
³⁷ WA/Y.IS.A74(WA/Y."80LEK: WA/Y.F73\$FB SAN:X"RI74YB? ME75LEK:-)A\$.92W.R
 WA/Y."73\$EB B.:NI75YN:W"75H00 ³⁸ WA/Y:HIY04 H63W.)]3 MI75\$:T.AX: AWE61H
 B."74YT05 NIS:RO74K:):ELOHF81Y/W? W:75/)AD:RAM.E63LEK: W:/&AR:)E70CER
 B.FNFY/W03 HIK.U74/HW. BA/XE80REB W:/H"71M.FH NIM:L:+73W.)E74REC
):ARFRF92+? WA/Y.IM:LO91K:)"75SAR-XAD.O71N B.:N/O73W T.AX:T.F75Y/W00
38 ¹ B.A/Y.FMI74YM HF/H"80M XFLF71H XIZ:QIY.F73HW. LF/M92W.T WA/Y.FBO74W)
 14)"LFY/W Y:\$A(:YF63HW. BEN-)FMO61WC? HA/N.FBI81Y) WA/Y.O63)MER)"LF61Y/W
 K.O75H-)FMA70R Y: HWFH03 CA74W L:/B"YT/E80KF K.I91Y M"71T)AT.F73H W:/LO71)?
 TI75X:YE75H00 ² WA/Y.AS."94B XIZ:QIY.F91HW. P.FNF73Y/W)EL-HA/Q.I92YR
 WA/Y.IT:P.AL."73L)EL-Y: HWF75H00 ³ WA/Y.O)MA81R?)FN.F70H Y: HWFH03
 Z:KFR-NF62))"74T):A\$E94R HIT:HAL.A74K:T.IY L:/PFNE81Y/KF B.E75):EMET03
 W:/B:/L"74B \$FL"80M? W:/HA/+.O71WB B.:("YNE73Y/KF (F&I92YTIY WA/Y."71B:K:
 XIZ:QIY.F73HW. B.:KI71Y GFDO75WL00 ⁴ WA75/Y:HIY03 D.:BAR-?Y: HWF80H
)E75L-Y:\$A(:YF73HW. L"/)MO75R00 ⁵ HFLO62WK: W:/)FMAR:T.F74)EL-XIZ:QIY.F81HW.
 K.O75H-)FMA70R? Y: HWFH03):ELOH"Y03 D.FWI74D)FBI80Y/KF \$FMA33(:T.IY03
)ET-T.:PIL.FT/E80KF RF)I73YTIY)ET-D.IM:(FT/E92KF HIN:/NIY03? YOWSI74P
 (AL-YFME80Y/KF X:AM"71\$ (E&:R"73H \$FNF75H00 ⁶ W:/MI/K.A70P
 ME75LEK:-)A\$.W.R03)AC.I74YL:/KF80 W:/)73T? HF/(I74YR HA/Z.O92)T
 W:/GAN.OWTI73Y (AL-HF/(I71YR HA/Z.O75)T00 ⁷ W:/ZEH-L./:KF71 HF/)O73WT M"/)74T
 Y: HWF92H?):A\$ER03 YA(:A&E74H Y: HWF80H)ET-HA/D.FBF71R HA/Z.E73H):A\$E71R
 D.IB."75R00 ⁸ HIN:/NI74Y M"\$I74YB)ET-?C"74L HA75/M.A(:ALO83WT):A\$E74R
 YFR:DFH04 B:/MA(:ALO63WT)FXF71Z B.A/\$.E91ME\$):AXORAN.I73YT (E74&ER?
 MA(:ALO92WT WA/T.F70\$FB HA/\$.E33ME\$03 (E74&ER MA(:ALO80WT
 B.A75/M.A(:ALO73WT):A\$E71R YFRF75DFH00 ⁹ MIK:T.F73B L:/XIZ:QIY.F74HW.
 ME75LEK:-Y:HW.DF92H B.A/X:ALOT/O85W WA/Y:XI73Y M"/XFL:Y/O75W00?
¹⁰):ANI74Y)FMA81R:T.IY B.I/D:MI71Y YFM/A91Y)"L/"73KFH? B.:/\$A(:AR"74Y
 \$:)O92WL P.UQ.A73D:T.IY YE71TER \$:NOWT/F75Y00? ¹¹)FMA33R:T.IY03 LO)-JER:)E74H
 YF80H. YF73H. B.:/E74REC HA/XAY.I92YM? LO)-)AB.I71Y+)FDF91M (O73WD
 (IM-YO71W\$:B"Y XF75DEL00? ¹² D.OWR/I81Y NIS.A94(W:/NIG:LF91H MI/N.I73Y
 K.:/O74HEL RO/(I92Y QIP.A63D:T.IY KF/)OR"70G XAY./AY03 MI/D.AL.F74H
 Y:BAC:("/80NIY? MI/Y.O71WM (AD-LA73Y:LFH T.A\$:LIYM/"75NIY00 ¹³ \$IW.I70YTIY
 (AD-B.O33QER03? K.F95):ARI80Y K."71N Y:\$AB."73R K.FL-(AC:MOWT/F92Y
 MI/Y.O71WM (AD-LA73Y:LFH T.A\$:LIYM/"75NIY00? ¹⁴ K.:/S70W.S (FGW.R03 K."74N
):ACAP:C"80P)EH:G.E73H K.A/Y.OWNF92H? D.AL.70W. ("YN/AY03 LA/M.FRO80WM
):ADONF73Y (F75\$:QFH-L/I71Y (FR:B/"75NIY00? ¹⁵ MF75H-):ADAB."71R
 W:/)F75MAR-L/I73Y W:/H74W.) (F&F92H?)JED.AD.E71H KFL-\$:NOWT/A73Y (AL-MA71R
 NAP:\$/I75Y00? ¹⁶):ADONF73Y (:AL"Y/HE74M YI75X:Y92W. W:/L:/KFL-B./FHEN03
 XAY."74Y RW.X/I80Y? W:/TAX:ALIYM/"73NIY W:/HAX:AY/"75NIY00 ¹⁷ HIN."71H
 L:/FLO73WM MAR-L/I74Y MF92R? W:/)AT.F62H XFS\$A70Q:T.F NAP:\$/IY03
 MI/\$.A74XAT B.:LI80Y? K.I71Y HI\$:LA91K:T.F)AX:AR"71Y G"W:/KF73
 K.FL-X:A+F)/F75Y00? ¹⁸ K.I74Y LO71) \$:)O91WL T.OWD/E73K.F MF74WET
 Y:HAL:L/E92K.F? LO75)-Y:&AB.:R71W. YO75WR:D"Y-BO73WR)EL-):AMIT./E75KF00?
¹⁹ XA71Y XA91Y H71W.) YOWD/E73KF K.FMO74W/NIY HA/Y.O92WM?)F74B
 L:/BFNI80YM YOWDI73Y(A)EL-):AMIT./E75KF00? ²⁰ Y: HWF73H L:/HOW\$YI/("92NIY
 W:/N:GINOWTA94Y N:NAG."91N? K.FL-Y:M"71Y XAY."73Y/NW. (AL-B."71YT
 Y: HWF75H00? ²¹ WA/Y.O74)MER Y:\$A(:YF80HW. YI&:)73W. D.:BE74LET T.:)"NI92YM
 W:/YIM:R:X71W. (A75L-HA/\$.:XI73YN W:/YE75XIY00? ²² WA/Y.O71)MER

XIZ:QIY.F73HW. MF74H)O92WT K.I71Y)E:(ELE73H B."71YT Y:HWF75H00
39 ¹ B.F/("74T HA/HI83W) \$FLA83X M:RODA74K: 14B.AL:):ADFN
 B.E75N-B.AL:):ADFN ME75LEK:-B.FBE91L S:PFRI71YM? W./MIN:XF73H
)EL-XIZ:QIY.F92HW. WA/Y.I\$:MA85(K.I71Y XFLF73H WA95/Y.EX:EZF75Q00
² WA/Y.I&:MA74X (:AL"Y/HEM02 XIZ:QIY.FHW.01? WA/Y.AR:)/"74M)ET-B."74YT
 **N:KOT/O83W)ET-HA/K.ESEP04 W:/)ET-HA/Z.FHF63B W:/)ET-HA/B.:&FMI61YM
 W:/)"74T05? HA/\$.E74MEN HA/+.O81WB W:/)"T03 K.FL-B."74YT K."LF80Y/W W:/)"91T
 K.FL-):A\$E71R NIM:CF73) B.:)/O75C:ROTF92Y/W? LO75)-HFYF74H DFBF81R 14):A\$ER
 LO75)-HER:)/F94M XIZ:QIY.F91HW. B.:/B"YT/O73W W./B:/KFL-MEM:\$AL:T/O75W00?
³ WA/Y.FBO)03 Y:\$A:(YF74HW. HA/N.FBI80Y))EL-HA/M.E73LEK: XIZ:QIY.F92HW.
 WA/Y.O63)MER)"LF61Y/W MF71H)FM:R74W.05? HF:)/ANF\$174YM HF/)"81L.EH
 W./M"/)A33YIN03 YFBO74)W.)"LE80Y/KF WA/Y.O33)MER03 XIZ:QIY.F80HW.
 M"/)E94REC R:XOWQF91H? B.F71)W.)"L/A73Y MI/B.FBE75L00 ⁴ WA/Y.O85)MER MF71H
 RF)73W. B.:/B"YT/E92KF WA/Y.O74)MER XIZ:QIY.F81HW.)"74T K.FL-?):A\$E70R
 B.:/B"YT/IY03 RF)80W. LO75)-HFYF71H DFBF91R):A\$E71R LO75)-HIR:)/IYT173Y/M
 B.:)/OWC:ROT/F75Y00? ⁵ WA/Y.O71)MER Y:\$A:(YF73HW.)EL-XIZ:QIY.F92HW. \$:MA73(
 D:BAR-Y:HWF71H C:BF)O75WT00 ⁶ HIN."H02 YFMI74YM? B.F)IYM01 W:/NI&.F74)05
 K.FL-):A\$E74R B.:/B"YT/E81KF WA:/)A\$E63R)FC:R94W.):ABOTE91Y/KF
 (AD-HA/Y.O71WM HA/Z.E73H? B.FBE92L LO75)-YIW.FT"71R D.FBF73R)FMA71R
 Y:HWF75H00 ⁷ W./MI/B.FNE61Y/KF):A\$E63R Y"C:)/94W. MI/M./:KF91):A\$E71R?
 T.OWLI73YD YIQ.F92XW. W:/HFYW.03 SFRIYSI80YM B.:/H"YKA73L ME71LEK:
 B.FBE75L00 ⁸ WA/Y.O70)MER XIZ:QIY.F33HW.03)E75L-?Y:\$A:(YF80HW. +O71WB
 D:BAR-Y:HWF73H):A\$E74R D.IB.A92R:T.F WA/Y.O85)MER K.I71Y YIH:YE91H
 \$FLO71WM WE:)/EME73T? B.:/YFMF75Y00 **40** ¹ NAX:AM71W. NAX:AM73W. (AM./I92Y
 YO)MA73R):ELOH"Y/KE75M00? ² D.AB.:R62W. (AL-L"70B Y:R75W.\$FLA33IM03
 W:/QIR:)/74W.)"LE80Y/HF? K.I70Y MF75L:)/FH03 C:BF)/F80H. K.I71Y NIR:CF73H
 (:AWON/F92H.? K.I70Y LFQ:XFH03 MI/Y.A74D Y:HWF80H K.IP:LA73YIM
 B.:/KFL-XA+.O)TE75Y/HF00 ³ QO74WL QOWR"80)? B.A/M.ID:B.F85R P.AN.73W.
 D.E74REK: Y:HWF92H? YA\$.:RW.03 B.F/(:ARFBF80H M:SIL.F73H L"/)LOH"75Y/NW.00?
⁴ K.FL-G.EY)03 YIN.F&"80) W:/KFL-HA71R W:/GIB:(F73H YI\$:P.F92LW.? W:/HFYF70H
 HE75/(FQOB03 L:/MIY\$O80WR W:/HF/R:KFSI73YM L:/BIQ:(F75H00? ⁵ W:/NIG:LF73H
 K.:BO74WD Y:HWF92H W:/RF)70W. KFL-B.F&FR03 YAX:D.F80W K.I91Y P.I71Y
 Y:HWF73H? D.IB."75R00 ⁶ 10QOWL)OM"74R Q:RF80) W:/)FMA73R MF74H)EQ:RF92)?
 K.FL-HA/B.F&F74R XFCl80YR W:/KFL-XAS:D./O73W K.:/CI71YC HA/&.FDE75H00?
⁷ YFB"70\$ XFClYR03 NF74B"75L CI80YC K.I91Y R71W.XA Y:HWF73H NF74\$:BFH
 B./O92W)FK"71N XFCl73YR? HF/(F75M00? ⁸ YFB"71\$ XFCl73YR NF74B"75L CI92YC
 W:/D:BAR-):ELOH"73Y/NW. YFQ71W.M L:/)OWLF75M00 ⁹ (A74L HAR-G.FBO70HA
 (:ALIY-L/FK:03 M:BA&.E74RET CIY.O80WN? HFRI70YMIY BA/K.O33XA03 QOWL/"80K:
 M:BA&.E73RET Y:RW.\$FLF92IM HFRI33YMIY03)AL-T.IYRF80)IY?)IM:RIY03
 L:/)FR"74Y Y:HW.DF80H HIN."73H):ELOH"Y/KE75M00? ¹⁰ HIN."63H):ADONF70Y
 Y:HWIH03 B.:/XFZF74Q YFBO80W) W:/Z:RO/(O73W MO74\$:LFH L/O92W? HIN."70H
 &:KFR/OW03)IT./O80W W:/P:(UL.FT/O73W L:/PFNF75Y/W00? ¹¹ K.:/RO(EH03
 (ED:R/O74W YIR:(E80H B.I/Z:RO/(OW03 Y:QAB."74C? +:LF)I80YM W./B:/X"YQ/O73W
 YI&.F92) (FLO73WT Y:NAH"75L00 ¹² MI75Y-MFDA63D B.:/\$F(:FL/O61W MA81YIM
 W:/\$FMA33YIM03 B.A/Z.E74RET T.IK."80N? W:/KF71L B.A/\$.FLI73\$ (:APA74R
 HF)/F92REC W:/\$FQA70L B.A/P.E33LES03 HFRI80YM? W:/G:BF(O73WT
 B.:/MO)Z:NF75YIM00? ¹³ MI75Y-TIK."71N)ET-R73W.XA]3 Y:HWF92H W:/)I71Y\$
 (:ACFT/O73W YOWDIY/(E75N.W.00? ¹⁴)ET-MI70Y NOW(FC03 WA/Y:BIYN/"80HW.
 WA75/Y:LAM.:D/"73HW. B.:)/O74RAX MI\$:P.F92+? WA/Y:LAM.:D/"74HW. DA80(AT
 W:/DE71REK: T.:BW.NO73WT YOWDIY/(E75N.W.00? ¹⁵ H"70N G.OWYIM03 K.:/MA74R
 MI/D.:LI80Y W:/K:/\$A71XAQ MO)Z:NA73YIM NEX:\$F92BW.? H"71N)IY.I73YM
 K.A/D.A71Q YI+.O75WL00 ¹⁶ W./L:BFNO85WN)"71YN D."73Y B.F("92R?
 W:/XAY.FT/O80W)"71YN D."73Y (OWLF75H00 ¹⁷ K.FL-HA/G.OWYI73M K.:)/A74YIN
 NEG:D./O92W M"/)E71PES WF/TO73HW. NEX:\$:BW.-L/O75W00? ¹⁸ W:/)EL-MI73Y
 T.:DAM.:Y74W.N)"92L W./MAH-D.:M73W.T T.A71(AR:KW. L/O75W00? ¹⁹ HA/P.E33SEL03
 NFSA74K: XFRF80\$ W:/COR"73P B.A/Z.FHF74B Y:RAQ:/(E92N.W.? W:/R:TUQO71WT
 K.E73SEP COWR"75P00 ²⁰ HA75/M:SUK.F74N T.:RW.MF80H ("71C LO75)-YIR:QA73B?

YIB:XF92R? XFRF70\$ XFKFM03 Y:BAQ.E\$-L/O80W L:/HFKI71YN P.E73SEL LO71)
YIM.O75W+00? ²¹ H:A/LO70W) T"75D:(W.03 H:A/LO74W) TI\$:MF80(W. H:A/LO91W)
HUG.A71D M"/RO73)\$ L/FKE92M? H:A/LOW)03 H:ABI74YNOTE80M MOWS:DO73WT
HF)/F75REC00? ²² HA/Y.O\$"B03 (AL-X74W.G HF)/F80REC W:/YO\$:BE73Y/HF
K.A/X:AGFBI92YM? HA/N.OW+E70H KA/D.OQ03 \$FMA80YIM WA/Y.IM:T.FX/"71M
K.F)/O73HEL LF/\$F75BET00? ²³ HA/N.OWT"71N ROWZ:NI73YM L:/)F92YIN \$O71P:+"Y
)E73REC K.A/T.O71HW. (F&F75H00? ²⁴)A74P B.AL-NI+.F81(W. 10)AP B.AL-ZORF80(W.
)A91P B.AL-\$OR"71\$ B.F)/F73REC G.IZ:/(F92M? W:/GAM-NF\$A70P B./FHEM03
WA/Y.IBF80\$W. W:/S:(FRF73H K.A/Q.A71\$ T.I&F)/"75M00 ²⁵ W:/)EL-MI71Y
T:DAM.:Y73W/NIY W:/)E\$:WE92H YO)MA73R QFDO75W\$00? ²⁶ &:W.-MFRO63WM
("YN"Y/KE70M W./R:)W.03 MIY-BFRF74))"80L.EH? HA/M.OWCI71Y) B:/MIS:P.F73R
C:BF)/F92M L:/KUL./FM03 B.:/\$"74M YIQ:RF80)? M"/RO70B)OWNIYM03 W:/)AM.I74YC
K.O80XA)I73Y\$ LO71) NE:(D.F75R00 ²⁷ LF70/M.FH TO)MAR03 YA75:(AQO80B
W./T:DAB."73R YI&:RF)"92L? NIS:T:RF70H DAR:K./IY03 M"/Y:HWF80H
W./M"/)ELOH/A73Y MI\$:P.F+/I71Y YA:(ABO75WR00? ²⁸ H:A/LO63W) YFDA61:(T.F
)IM-LO74) \$FMA81:(T.F?)E:LOH"63Y (OWLF70M05 Y:HWFH03 B.OWR")03 Q:CO74WT
HF)/F80REC? LO71) YIY(A73P W:/LO74) YIYGF92()"71YN X"73QER
LI/T:BW.NFT/O75W00? ²⁹ NOT"71N LA/Y.F("73P K.O92XA W./L:/)"71YN)OWNI73YM
(FC:MF71H YAR:B.E75H00? ³⁰ W:/YI75:(AP71W. N:(FRI73YM W:/YIGF92(W.
W./BAXW.RI73YM K.F\$O71WL YIK.F\$"75LW.00? ³¹ W:/QOWY"70 Y:HWFH03
YAX:ALI74YPW. KO80XA YA:(AL71W.)"73BER K.A/N.:\$FRI92YM? YFR33W.CW.03
W:/LO74) YIYGF80(W. Y"L:K73W. W:/LO71) YIY(F75PW.00 **41** ¹ HAX:ARI70Y\$W.
)"L/AY03)IY.I80YM W./L:)UM.I73YM YAX:ALI74YPW. KO92XA? YIG.:SW.03)F74Z
Y:DAB."80RW. YAX:D.F73W LA/M.I\$:P.F71+ NIQ:RF75BFH00? ² MI70Y H"(IYR03
MI/M.IZ:RF80X CE73DEQ YIQ:RF)/"74HW. L:/RAG:L/O92W? YIT."63N L:/PFNF70Y/W
G.OWYIM03 W./M:LFKI74YM YA80R:D.: YIT."70N K.E75/(FPFR03 XAR:B./O80W
K.:QA71\$ NID.F73P QA\$:T./O75W00? ³ YIR:D.:P/"73M YA:(ABO74WR \$FLO92WM
)O71RAX B.:/RAG:LF73Y/W LO71) YFBO75W)00? ⁴ MI75Y-PF(A74L W:/)F&F80H QOR"71)
HA/D.ORO73WT M"/RO92)\$?)ANI70Y Y:HWFH03 RI)\$O80WN W:/)ET-)AX:ARONI73YM
):ANIY-H75W.)00? ⁵ RF)70W.)IY.IYM03 W:/YIYRF80)W. Q:CO71WT HF)/F73REC
YEX:ERF92DW. QFR:B73W. WA/Y.E):ETFY75W.N00? ⁶)I71Y\$)ET-R"/("73HW.
YA:(ZO92RW. W./L:/)FXI73Y/W YO)MA71R X:AZF75Q00? ⁷ WA/Y:XAZ."70Q XFRF\$03
)ET-COR"80P MAX:ALI71YQ P.A+.I73Y\$)ET-HO74WLEM P.F92(AM?)OM"70R
LA/D.E33BEQ03 +O74WB H80W.) WA/Y:XAZ.:Q/"71HW. B:/MAS:M:RI73YM LO71)
YIM.O75W+00 ⁸ W:/)AT.FH03 YI&:RF)"74L (AB:D./I80Y YA:(AQO73B):A\$E74R
B.:XAR:T.I92Y/KF? ZE73RA()AB:RFHF71M)OH:AB/I75Y00? ⁹):A\$E70R
HEX:EZAQ:T.I33Y/KF03 MI/Q:CO74WT HF)/F80REC W./M"/)ACIYLE73Y/HF
Q:RF)TI92Y/KF? WF)/O70MAR L:/KF03 (AB:D./IY-)A80T.FH B.:XAR:T.I73Y/KF W:/LO71)
M):AS:T.I75Y/KF00? ¹⁰)AL-T.IYRF)03 K.I74Y (IM./:KF-)F80NIY)AL-T.I\$:T.F73(
K.I75Y-):ANI74Y)E:LOHE92Y/KF?)IM.AC:T.I33Y/KF03)AP-(AZAR:T.I80Y/KF
)AP-T.:MAK:T.I73Y/KF B./YMI71YN CID:Q/I75Y00? ¹¹ H"70N Y"BO33\$W.03
W:/YIK.F74L:M80W. K.O73L HA/N.EX:ERI74YM B./F92K: YI75H:Y71W. K:/A91YIN
W:/YO)B:D73W.)AN:\$"71Y RIYB/E75KF00? ¹² T.:BAQ:\$/"M03 W:/LO74) TIM:CF)"80M
)AN:\$"73Y MAC.UT/E92KF? YIH:Y71W. K:/A91YIN W./K:/)E73PES)AN:\$"71Y
MIL:XAM:T./E75KF00? ¹³ K.I81Y):ANI91Y Y:HWF71H):ELOHE73Y/KF MAX:AZI74YQ
Y:MIYN:E92KF? HF)/OM"71R L:/KF91)AL-T.IYRF73)):ANI71Y (:AZAR:T.I75Y/KF00
¹⁴)AL-T.I75YR:)IY03 T.OWLA74(AT YA75:(AQO80B M:T"73Y YI&:RF)"92L?):ANI70Y
(:AZAR:T.IY/K:03 N:)UM-Y:HWF80H W:/GO):AL/"73K: Q:DO71W\$ YI&:RF)"75L00?
¹⁵ HIN."74H &AM:T.I81Y/K: L:/MOWRAG03 XFR74W.C XFDF80\$ B.A73(AL
P.I75YPIY.O92WT? T.FD70W.\$ HFRIYM03 W:/TFDO80Q W./G:BF(O73WT K.A/M.O71C
T.F&I75YM00? ¹⁶ T.IZ:R/"M03 W:/R74W.XA T.I&F)/"80M W:/S:(FRF73H T.FPI74YC
)OWT/F92M? W:/)AT.FH03 T.FGI74YL B.A75/YHWF80H B./I/Q:DO71W\$ YI&:RF)"73L
T.IT:HAL.F75L00 ¹⁷ HF/(:ANIY.I63YM W:/HF)/EB:YOWNI61YM M:BAQ:\$I71YM
MA33YIM03 WF)/A80YIN L:\$OWN/F73M B.A/C.FMF74) NF\$F92T.FH?):ANI70Y
Y:HWFH03)E:(EN/"80M):ELOH"71Y YI&:RF)"73L LO71))E(EZ:B/"75M00? ¹⁸)EP:T.A70X
(AL-\$:PFYIYM03 N:HFRO80WT W./B:/TO71WK: B.:QF(O73WT MA(:YFNO92WT?
)F&I70YM MID:B.FR03 LA):AGAM-MA80YIM W:/)E71REC CIY.F73H L:/MOWCF71)"Y

MF75YIM00? ¹⁹)ET."70N B.A/M.ID:B.FR03)E74REZ \$I+.F80H WA/H:ADA73S W:/("74C \$F92MEN?)F&I74YM B.F/(:ARFBF81H B.:RO91W\$ T.ID:HF71R W./T:)A\$.73W.R YAX:D.F75W00? ²⁰ L:MA94(AN YIR:~74W. W:/Y"D:(81W. W:/YF&I70YMW. W:/YA&:K.I33YLW.03 YAX:D.F80W? K.I71Y YAD-Y:HWF73H (F74&:TFH Z.O92)T W./Q:DO71W\$ YI&:RF)"73L B.:RF/F75H.00 ²¹ QFR:B71W. RI75YB/:KE73M YO)MA74R Y:HWF92H HAG.I33Y\$W.03 (:ACUMO74WT"Y/KE80M YO)MA73R? ME71LEK: YA(:AQO75B00? ²² YAG.I33Y\$W.03 W:/YAG.I74YDW. L/F80NW.)"73T):A\$E74R T.IQ:RE92YNFH? HF/RI)\$ONO74WT05 MF74H H"81N.FH HAG.I61YDW. W:/NF&I70YMFH LIB./"33NW.03? W:/N"D:(F74H)AX:ARIYT/F80N)O71W HA/B.F)O73WT HA\$:MIY(U75/NW.00? ²³ HAG.I33YDW.03 HF)OTIY.O74WT L:)FXO80WR W:/N"74D:(F80H K.I71Y):ELOHI73YM)AT.E92M?)AP-T."Y+I74YBW. W:/TFR"80(W. W:/NIS:T.F73(FH **W:/NIR:)E71H YAX:D.F75W00? ²⁴ H"N-)AT.E74M M"/)A80YIN W./PF(FL/:KE73M M"/)F92PA(T.OW("BF73H YIB:XA71R B./FKE75M00? ²⁵ HA(IYRO70WTIY MI/C.FPOWN03 WA/Y.A80)T MI/M.IZ:RAX-\$E73ME\$ YIQ:RF74) BI/\$:M/I92Y? W:/YFBO70) S:GFNIYM03 K.:MOW-XO80MER W./K:MO71W YOWC"73R YIR:MFS-+I75Y+00? ²⁶ MI75Y-HIG.I70YD M"/RO)\$03 W:/N"DF80(FH W./MI/L:/PFNI73YM W:/NO)MA74R CAD.I92YQ?)A74P)"YN-MAG.I81YD 10)AP)"74YN MA\$:MI80Y(A)A71P)"YN-\$OM"73(A)IM:R"Y/KE75M00? ²⁷ RI)\$O71WN L:/CIY.O73WN HIN."74H HIN./F92M W:/LI/YRW.\$FLA73IM M:BA&."71R)ET."75N00? ²⁸ W:/)"33RE)03 W:/)"74YN)I80Y\$ W./M"/)"73L.EH W:/)"74YN YOW("92C? W:/)E\$:FL/"73M W:/YF\$I71YBW. DFBF75R00 ²⁹ H"74N K.UL/F80M)F71WEN?)E73PES MA(:A&"Y/HE92M R71W.XA WF/TO73HW. NIS:K."Y/HE75M00 **42** ¹ H"70N (AB:D./IY03)ET:MFK:-B./O80W B.:XIYR/I73Y RFC:TF74H NAP:\$/I92Y? NFTA70T.IY RW.X/IY03 (FLF80Y/W MIS:P.F73+ LA/G.OWYI71M YOWCI75Y)00? ² LO71) YIC:(A73Q W:/LO74) YI&.F92) W:/LO75)-YA\$:MI71Y(A B.A/X73W.C QOWL/O75W00? ³ QFNE70H RFCW.C03 LO74) YI\$:B.O80WR W./PI\$:T.F71H K"HF73H LO74) Y:KAB./E92N.FH? LE/):EME73T YOWCI71Y) MI\$:P.F75+00 ⁴ LO70) YIK:HEH03 W:/LO74) YFR80W.C? (AD-YF&I71YM B.F)/F73REC MI\$:P.F92+ W./L:/TOWRFT/O73W)IY.I71YM Y:YAX"75YLW.00 ⁵ K.O75H-FMA62R HF/)"74L05 Y:HWF81H? B.OWR"70) HA/\$.FMA33YIM03 W:/NO74W+"Y/HE80M ROQA71(HF)/F73REC W:/CE):ECF)E92Y/HF? NOT"70N N:\$FMFH03 LF/(F74M (FLE80Y/HF W:/R73W.XA LA/HOL:KI71YM B./F75H.00? ⁶):ANI94Y Y:HWF91H Q:RF)TI71Y/KF75 B:/CE73DEQ W:/)AX:Z"74Q B.:YFD/E92KF? W:/)EC.FR:/KF81 W:/)ET.EN:/KF91 LI/B:RI71YT (F73M L:/O71WR G.OWYI75M00? ⁷ LI/P:QO73XA ("YNA74YIM (IW:RO92WT L:/HOWCI70Y) MI/M.AS:G."R03)AS.I80YR? MI/B."71YT K.E73LE) YO71\$:B"Y XO75\$EK:00 ⁸):ANI71Y Y:HWF73H H74W.) \$:M/I92Y? W./K:BOWD/IY03 L:/)AX"74R LO75)-)ET."80N W./T:HIL.FT/I73Y LA/P.:SIYLI75YM00? ⁹ HF/RI75)\$ONO73WT HIN."H-BF92)W. WA75/X:ADF\$OWT03):ANI74Y MAG.I80YD? B.:+E71REM T.IC:MA73X:NFH)A\$:MI71Y(A)2)ET/:KE75M00 ¹⁰ \$I70YRW. LA75/YHWFH03 \$I74YR XFDF80\$ T.:HIL.FT/O73W MI/Q:C"74H HF)/F92REC? YOWR:D"70Y HA/Y.FM03 W./M:LO/O80W)IY.I73YM W:/YO\$:B"Y/HE75M00? ¹¹ YI&:~70W. MID:B.FR03 W:/(FRF80Y/W X:AC"RI73YM T."\$74B Q"DF92R? YFRO33N.W.03 YO74\$:B"Y SE80LA(M"/RO71)\$ HFRI73YM YIC:WF75XW.00? ¹² YF&I71YMW. LA75/YHWF73H K.FBO92WD W./T:HIL.FT/O73W B.F)/IY.I71YM YAG.I75YDW.00? ¹³ Y:HWFH03 K.A/G.IB.O74WR Y"C"80) K.:/I71Y\$ MIL:XFMO73WT YF(I74YR QIN:)F92H? YFRI33Y(A03)AP-YAC:RI80YXA (AL-)OY:BF73Y/W YIT:G.AB.F75R00 ¹⁴ HEX:E\$~33YTIY03 M"75(OWLF80M)AX:ARI73Y\$)ET:)AP.F92Q? K.A/Y.OWL"DF74H)EP:(E80H)E\$.O71M W:/)E\$:A73P YF75XAD00? ¹⁵)AX:ARI70YB HFRIYM03 W:/G:BF(O80WT W:/KFL-(E&:B./F73M)OWBI92Y\$? W:/&AM:T.I70Y N:HFROWT03 LF95)/IY.I80YM WA/):AGAM.I73YM)OWBI75Y\$00? ¹⁶ W:/HOWLAK:T.I74Y (IW:RI81YM B.:/DE33REK:03 LO74) YFDF80(W. B.I/N:TIYBO71WT LO75)-YFD:(73W.?)AD:RIYK/"92M?)F&IYM04 MAX:\$F63K: LI/P:N"Y/HE61M LF/)O81WR W./MA75(:AQA\$.IYM03 L:/MIY\$O80WR? 10)"L.EH HA/D.:BFRI80YM (:A&IYTI73/M W:/LO71) (:AZAB:T.I75Y/M00? ¹⁷ NFSO70GW.)FXOWR03 Y"BO74\$W. BO80\$ET HA/B.O+:XI73YM B.A/P.F92SEL? HF/OM:RI71YM L:/MAS."KF73H)AT.E71M):ELOH"75Y/NW.00 ¹⁸ HA/X"R:\$I73YM \$:MF92(W. W:/HA/(IW:RI73YM HAB.I71Y+W. LI/R:)O75WT00? ¹⁹ MI70Y (IW."R03 K.I74Y)IM-(AB:D./I80Y W:/X"R"73\$ K.:MAL:)FK/I74Y)E\$:LF92X? MI70Y (IW."R03 K.I/M:\$UL.F80M W:/(IW."73R K.:/(E71BED Y:HWF75H00? ²⁰ **RF)O71WT RAB.O73WT

W:/LO74) TI\$:MO92R P.FQO71WXA)FZ:NA73YIM W:/LO71) YI\$:MF75(00? ²¹ Y:HWF71H
 XFP"73C L:MA74(AN CID:Q/O92W YAG:D.I71YL T.OWRF73H W:/YA):D.I75YR00?
²² W:/HW.)02 (AM-B.FZ74W.Z W:/FSW.Y01? HFP"70XA B.A75/XW.RIYM03 K.UL./F80M
 W./B:/BFT."71Y K:LF)I73YM HFX:B.F92)W.? HFY70W. LF/BAZ03 W:/)"74YN MAC.I80YL
 M:\$IS.F73H W:/)"YN-JOM"71R HF\$A75B00? ²³ MI71Y B/FKE73M YA):AZI74YN ZO92)T
 YAQ:\$I71B W:/YI\$:MA73(L:/)FXO75WR00? ²⁴ MI75Y-NFTA63N **LI/M:\$IS.F94HJ3
 YA:(AQO91B W:/YI&:RF)"71L L:/BOZ:ZI73YM? H:A/LO74W) Y:HWF92H 10ZW.
 XF+F74)NW. L/O80W? W:/LO75)-FB70W. BI/D:RFKFY/W03 HFLO80WK: W:/LO71)
 \$FM:(73W. B:/TOWRFT/O75W00? ²⁵ WA/Y.I\$:P.O70K: (FLFY/W03 X"MF74H)AP./O80W
 WE/:(EZ73W.Z MIL:XFMF92H? WA/T.:LAH:A+/"70HW. MI/S.FBIYB03 W:/LO74) YFDF80(
 WA/T.IB:(AR-B./O73W W:/LO)-YF&I71YM (AL-?L"75B00 **43** ¹ W:/)AT.F62H
 K.O75H-JFMA70R Y:HWFH03 B.ORA):AKF74 YA:(AQO80B W:/YOCER:KF73
 YI&:RF)"92L?)AL-T.IYRF)03 K.I74Y G:)AL:T.I80Y/KF QFRF71)TIY B:/SIM:/KF73
 L/IY)-F75T.FH00? ² K.I75Y-TA:(ABO70R B.A/M.A33YIM03)IT./:KF-)F80NIY
 W./BA/N.:HFRO73WT LO74) YI\$:+P92W./KF? K.I75Y-T"L"70K: B.:MOW-)"\$03 LO74)
 TIK.FWE80H W:/LEHFBF73H LO71) TIB:(AR-B./F75K:00? ³ K.I81Y):ANIY03 Y:HWF74H
):ELOHE80Y/KF Q:DO71W\$ YI&:RF)"73L MOW\$YI/(E92KF? NFTA70T.IY KFP:R:/KF03
 MIC:RA80YIM K.71W.\$ W:/S:BF73) T.AX:T.E75Y/KF00? ⁴ M"/):A\$E63R YFQA94R:T.F
 B:/)"YN/A91Y NIK:B.A73D:T.F WA):ANI74Y):AHAB:T.I92Y/KF? W:/)ET."70N)FDFM03
 T.AX:T.E80Y/KF W:/L:)UM.I73YM T.A71XAT NAP:\$E75KF00? ⁵)AL-T.IYRF73) K.I74Y
)IT./:KF-)F92NIY? MI/M.IZ:RFX03)FBI74Y) ZAR:(E80KF W:/MI75/M.A:(ARF73B
):AQAB.:C/E75K.F00? ⁶)OMA70R LA/C.FPOWN03 T."80NIY W:/L:/T"YMF73N
)AL-T.IK:LF92)IY? HFBI70Y)IY BFN/AY03 M"/RFXO80WQ W./B:NOWT/A73Y
 MI/Q:C"71H HF)F75REC00? ⁷ 10K.OL HA/N.IQ:RF74) BI/\$:M/I80Y W:/LI/K:BOWD/I73Y
 B.:RF)TI92Y/W Y:CAR:T.I73Y/W)AP-(A&IYTI75Y/W00? ⁸ HOWCI71Y) (AM-(IW."73R
 W:/)"YNA74YIM Y"92\$ W:/X"R:\$I73YM W:/)FZ:NA71YIM L/F75MOW00?
⁹ K.F75L-HA/G.OWYI62M NIQ:B.:C74W. YAX:D.F81W W:/Y)"F75S:PW.03 L:)UM.I80YM?
 MI70Y B/FHEM03 YAG.I74YD ZO80)T W:/RI75)\$ONO73WT YA\$:MIY(U92/NW.?
 YIT.:N70W. ("75D"Y/HEM03 W:/YIC:D.F80QW. W:/YI\$:M:(73W. W:/YO)M:R71W.
):EME75T00? ¹⁰)AT.E70M ("D/AY03 N:)UM-Y:HWF80H W:/)AB:D./I73Y):A\$E74R
 B.FXF92R:T.IY? L:MA74(AN 14T."D:(W. W:/TA):AMI63YNW. L/I70Y W:/TFBI33YNW.03
 K.I75Y-):ANI74Y H80W.)? L:/PFN/AY03 LO)-NO74WCAR)"80L W:/)AX:AR/A73Y LO71)
 YIH:YE75H00 ¹¹)FNOKI71Y)FNOKI73Y Y:HWF92H W:/)"71YN MI/B.AL:(FD/A73Y
 MOW\$175Y(A00? ¹²)FNOKI62Y HIG.A70D:T.IY W:/HOW\$A33:(T.IY03 W:/HI\$:MA80:(T.IY
 W:/)"71YN B./FKE73M ZF92R? W:/)AT.E71M ("D/A91Y N:)UM-Y:HWF73H
 WA75):ANIY-)"75L00 ¹³ G.AM-MI/Y.OWM03):ANI74Y H80W.)? W:/)"71YN MI/Y.FD/I73Y
 MAC.I92YL)EP:(A73L W./MI71Y Y:\$IYB/E75N.FH00 ¹⁴ K.O75H-JFMA94R Y:HWF91H
 G.O)AL:/KE73M Q:DO74W\$ YI&:RF)"92L? L:MA(AN:/KE62M \$IL.A74X:T.IY BFBE81L/FH
 W:/HOWRAD:T.I70Y BF75/RIYXIYM03 K.UL./F80M? W:/KA&:D.I73YM
 B.F):FNIY.O71WT RIN.FT/F75M00? ¹⁵):ANI71Y Y:HWF73H Q:DO75W\$:/KE92M
 B.OWR"71) YI&:RF)"73L MAL:K./:KE75M00 ¹⁶ 10K.OH)FMA74R Y:HWF80H
 HA/N.OWT"71N B.A/Y.F73M D.F92REK: W./B:/MA71YIM (AZ.I73YM N:TIYBF75H00?
¹⁷ HA/M.OWCI71Y) RE75KEB-WF/S73W.S XA74YIL W:/)IZ.92W.Z YAX:D.F70W?
 YI\$:K.:BW.03 B.AL-YFQ80W.MW. D.F:(AK73W. K.A.P.I\$:T.F71H KFB75W.00?
¹⁸)A75L-T.IZ:K.:R73W. RI75)\$ONO92WT W:/QAD:MONIY.O73WT
)AL-T.IT:B.ONF75NW.00? ¹⁹ HIN:/NI63Y (O&E70H X:ADF\$FH03 (AT.F74H TIC:MF80X
 H:A/LO73W) T"75DF(92W./HF?)A74P)F&I70YM B.A/M.ID:B.FR03 D.E80REK:
 B.I75/Y\$IMO73WN N:HFRO75WT00? ²⁰ T.:KAB.:D/"33NIY03 XAY.A74T HA/&.FDE80H
 T.AN.I73YM W./B:NO74WT YA75:(ANF92H? K.I75Y-NFTA63T.IY BA/M.ID:B.F61R
 MA81YIM N:HFROWT03 B.I75/Y\$IYMO80N? L:/HA\$:QO73WT (AM./I71Y B:XIYR/I75Y00
²¹ (AM-ZW.03 YFCA74R:T.IY L/I80Y? T.:HIL.FT/I73Y Y:SAP."75RW.00 ²² W:/LO)-JOT/I71Y
 QFRF73)TF YA75:(AQO92B K.I75Y-YFGA71:(T.F B./I73Y YI&:RF)"75L00?
²³ LO75)-H"B"70Y)TF L./IY03 &"74H (OLOTE80Y/KF W./Z:BFXE73Y/KF LO74)
 KIB.AD:T.F92/NIY? LO70) HE:(EBAD:T.I33Y/KF03 B.:MIN:XF80H W:/LO71)
 HOWGA:(T.I73Y/KF B./L:BOWNF75H00? ²⁴ LO)-QFNI63YTF L./I70Y BA/K.E33SEP03
 QFNE80H W:/X"71LEB Z:BFXE73Y/KF LO74) HIR:WIYT/F92NIY?)A81K:
 HE:(EBAD:T./A33NIY03 B.:XA+.O)WTE80Y/KF HOWGA:(T./A73NIY

B.A/(:AWONOTE75Y/KF00²⁵)FNOKI63Y)FNOKI71Y H91W.) MOXE71H P:\$F(E73Y/KF L:MA(:AN/I92Y W:/XA+.O)TE73Y/KF LO71)?)EZ:K.O75R00?²⁶ HAZ:K.IYR/"85NIY NIS.FP:+F73H YF92XAD SAP."71R)AT.F73H L:MA71(AN T.IC:D.F75Q00?²⁷)FBI71Y/KF HF/RI)\$O73WN XF+F92) W:/M:LIYCE73Y/KF P.F71\$(W. B/I75Y00?²⁸ WA):AXAL."73L &F74R"Y QO92DE\$ W:/)ET.:NF70H LA/X"33REM03 YA(:AQO80B W:/YI&:RF)"73L? L:/GID.W.PI75YM00⁴⁴ 1 W:/(:AT.F71H \$:MA73(YA(:AQO74B (AB:D./I92Y W:/YI&:RF)"73L B.FXA71R:T.IY B/O75W00?² K.OH-)FMA63R Y:HWF71H (O&/E91KF W:/YOCER:/KF71 MI/B.E73+EN YA(:Z:R/E92K.F?)AL-T.IYRF)03 (AB:D./I74Y YA75(:AQO80B WI/Y\$UR73W.N B.FXA71R:T.IY B/O75W00?³ K.I70Y)EC.FQ-MA33YIM03 (AL-CFM"80) W:/NOZ:LI73YM (AL-YAB.F\$F92H?)EC.O70Q RW.X/IY03 (AL-ZAR:(/E80KF W:/BIR:KFT/I73Y (AL-CE):ECF)E75Y/KF00?⁴ W:/CFM:X73W. B.:B"74YN XFCI92YR K.A/(:ARFBI73YM (AL-YIB:L"Y-MF75YIM00?⁵ ZE70H YO)MAR03 LA75/YHWF74H)F80NIY W:/ZE73H YIQ:RF74) B:\$"75M-YA(:AQO92B? W:/ZE81H YIK:T.O70B YFD/OW03 LA75/YHWF80H W:/B:\$"71M YI&:RF)"73L Y:KAN.E75H00⁶ K.O75H-)FMA63R Y:HWF94H ME75LEK:-YI&:RF)"91L W:/GO):AL/O73W Y:HWF74H C:BF)O92WT?):ANI70Y RI)\$OWN03 WA):ANI74Y)AX:ARO80WN W:/MI/B.AL:(FD/A73Y)"71YN):ELOHI75YM00?⁷ W:/MI75Y-KFMO74W/NIY YIQ:RF81) W:/YAG.IYD/E70HF W:/YA(:R:K/E33HF03 L/I80Y? MI/&.W.MI73Y (AM-(OWLF92M W:/)OTIY.O91WT WA):A\$E71R T.FBO73)NFH YAG.I71YDW. L/F75MOW00?⁸)A75L-T.IP:X:ADW.03 W:/)AL-T.IR:H80W. H:A/LO71) M"/)F91Z HI\$:MA(:T.I71Y/KF W:/HIG.A73D:T.IY? W:/)AT.E74M ("D/F92Y H:A/Y"70\$)E:LO33WH.A03 MI/B.AL:(FD/A80Y W:/)"71YN C73W.R B.AL-YFDF75(:T.IY00?⁹ YO75C:R"Y-PE70SEL K.UL/FM03 T.O80HW. WA/X:AMW.D"Y/HE73M B.AL-YOW(I92Y/LW.? W:/("D"Y/HE74M H"8152M.F52H52)4 B.AL-YIR:)91W. W:/BAL-Y"D:(73W. L:MA71(AN Y"BO75\$W.00?¹⁰ MI75Y-YFCA71R)"73L W:/PE74SEL NFSF92K: L:/BIL:T.I73Y HOW(I75YL00?¹¹ H"70N K.FL-X:AB"RFY/W03 Y"BO80\$W. W:/XFRF\$171YM H"73M.FH M"75)FDF92M? YI75T:QAB.:C70W. KUL/FM03 YA75(:AMO80DW. YIP:X:AD73W. Y"BO71\$W. YF75XAD00?¹² XFRA70\$ B.AR:ZEL03 MA75(:ACF80D W:/PF(AL03 B.A/P.EXF80M? W:/BA/M.AQ.FBO73WT YIC.:R"/92HW. WA/Y.IP:(FL/"33HW.03 B.I/Z:RO74W(A K.OX/O80W? G.AM-RF("B03 W:/)"74YN K.O80XA LO)-\$F71TFH MA73YIM WA/Y.IY(F75P00?¹³ XFRA74\$ ("CIYM02 NF74+FH QFW01 Y:TF):AR/"74HW. BA/&.E80RED? YA(:A&/"33HW.03 B.A/M.AQ:CU(O80WT W:/BA/M.:XW.GF73H Y:TF):FR/"92HW.? WA75/Y.A(:A&/"33HW.03 K.:TAB:NI74YT)I80Y\$ K.:TIP:)E71RET)FDF73M LF/\$E71BET B.F75YIT00?¹⁴ LI/K:RFT-L/O74W):ARFZ180YM WA/Y.IQ.A70X T.IR:ZFH03 W:/)AL.O80WN? WA/Y:)AMEC-L/O73W B.A/(:AC"Y-YF92(AR NF+A71()O73REN]6 W:/GE71\$EM Y:GAD."75L00?¹⁵ W:/HFYF70H L:/)FDFM03 L:/BF("80R WA/Y.IQ.A70X M"/HEM03 WA/Y.F80XFM)AP-YA&.I73YQ W:/)F74PFH LF92XEM?)AP-YIP:(AL-)"L03 WA/Y.IS:T.F80XW. (F&/F71HW. PE73SEL WA/Y.IS:G.FD-L/F75MOW00?¹⁶ XEC:Y/OW03 &FRA74P B.:MOW-)"80\$ (AL-XEC:Y/OW03 B.F&F74R YO)K"80L YIC:LE71H CFLI73Y? W:/YI&:B.F92(?))AP-YFXOM03 W:/YO)MA74R HE)F80X XAM.OWTI73Y RF)I71YTIY)75W.R00?¹⁷ W:/\$.)"74RIYT/O80W L:/)"71L (F&F73H L:/PIS:L/O92W **YIS:G.FD-L/O70W W:/YIS:T.A33XW.03? W:/YIT:P.AL."74L)"LF80Y/W W:/YO)MAR03 HAC.IYL/"80NIY K.I71Y)"L/I73Y)F75T.FH00?¹⁸ LO71) YFD:(73W. W:/LO74) YFBI92YNW. K.I74Y +A70X M"75/R:)OWT03 ("75YN"Y/HE80M M"/HA&:K.I73YL? LIB.OT/F75M00?¹⁹ W:/LO)-YF\$174YB)EL-LIB/O81W W:/LO63) DA71(AT W:/LO75)-T:BW.NFH02 L"/)MOR01 XEC:Y/O62W &FRA74P:T.IY B:MOW-)"81\$ 14W:/)AP)FPI70YTIY (AL-G.EXFLFY/W03 LE80XEM)EC:LE71H? BF&F73R W:/)OK"92L? W:/YIT:R/OW03 L:/TOW("BF74H)E:(E&E80H L:/B71W.L ("73C)ES:G.O75WD00?²⁰ RO(E74H)"80PER L"71B HW.TA73L HI+./F92HW. W:/LO75)-YAC.I70Y)ET-NAP:\$/OW03 W:/LO74)? YO)MA80R H:A/LO71W) \$E73QER B.I/YMIYN/I75Y00²¹ Z:KFR-)"74L.EH YA(:AQO80B W:/YI&:RF)"73L K.I74Y (AB:D./IY)-F92T.FH? Y:CAR:T.I70Y/KF (E75BED-L/IY03)A80T.FH YI&:RF)"73L LO71) TIN.F\$/"75NIY00?²² MFXI70YTIY KF/(FB03 P.:\$F(E80Y/KF W:/KE/(FNF73N XA+.O)WTE92Y/KF? \$W.BF71H)"L/A73Y K.I71Y G:)AL:T.I75Y/KF00?²³ RFN.63W. \$FMA61YIM K.I75Y-(F&F74H Y:HWF81H HFRI33Y(W.03 T.AX:T.IY.O74WT)F80REC? P.IC:X70W. HFRIYM03 RIN.F80H YA73(AR W:/KFL-("74C B./O92W? K.I75Y-GF)A70L Y:HWFH03 YA75(:AQO80B W:/B:/YI&:RF)"73L YIT:P.F)F75R00²⁴ K.O75H-)FMA70R Y:HWFH03 G.O):AL/E80KF W:/YOCER:/KF73 MI/B.F92+EN?)FNOKI70Y Y:HWFH03

(O74&EH K.O80L? NO+E70H \$FMA33YIM03 L:/BAD/I80Y ROQA71(HF/)F73REC
 **M"/)IT/I75Y00? ²⁵ M"P"R03)OTO74WT B.AD.I80YM W:/QOS:MI73YM Y:HOWL"92L?
 M"\$I94YB X:AKFMI91YM)FXO73WR W:/DA:(T/F71M Y:&AK."75L00? ²⁶ M"QIYM03
 D.:BA74R (AB:D./O80W WA:(ACA71T MAL:)FKF73Y/W YA\$:LI92YM? HF/)OM"63R
 LI/YRW.\$FLA61IM T.W.\$F81B W:/L:(FR"70Y Y:HW.DFH03 T.IB.FNE80YNFH
 W:/XFR:BOWTE73Y/HF?):AQOWM"75M00? ²⁷ HF/)OM"71R LA/C.W.LF73H X:FRF92BIY
 W:/NAH:AROTA73Y/IK:)OWBI75Y\$00? ²⁸ HF/)OM"70R L:/KO33WRE\$03 RO/(I80Y
 W:/KFL-XEP:C/I73Y YA\$:LI92M? W:/L"/)MO70R LI/YRW.\$FLA33IM03 T.IB.FNE80H
 W:/H"YKF73L T.IW.FS"75D00 **45** ¹ K.OH-K.OH-)FMA74R)FMA74R Y:HWFH02
 Y:HWFH02 LI/M:\$IYX/OW02 LI/M:\$IYX/OW02 BI75/YMIYN/O81W? L:/KO74WRE\$
 L:/RAD-):A\$ER-L:/PFNFY/W03 HEX:EZA74Q:T.IY G.OWYI80M BI75/YMIYN/O81W?
 W:/MFT:N"71Y L:/RAD-M:LFKI73YM L:/PFNFY/W03):APAT."92XA? G.OWYI80M
 LI/P:T.O70XA W:/MFT:N"71Y L:/PFNFY/W03 M:LFKI73YM D.:LFTA80YIM
):APAT."92XA? W:/\$(FRI73YM LI/P:T.O70XA LO71) L:/PFNFY/W03 YIS.FG"75RW.00?
 D.:LFTA80YIM W:/\$(FRI73YM LO71) YIS.FG"75RW.00? ²):ANIY03 L:/PFNE74Y/KF
)"L"80K: WA/H:ADW.RI73YM **):AYA\$. "92R? D.AL:TO70WT N:XW.\$FH03):A\$AB."80R
 W:/B:RIYX"71Y BAR:ZE73L):AGAD."75(A00? ³ W:/NFTAT.I70Y L:/KF03)OWC:RO74WT
 XO80\$EK: W:/MA+:MUN"73Y MIS:T.FRI92YM? L:MA74(AN T."DA81(K.I75Y-):ANI94Y
 Y:HWF91H HA/Q.OWR"71) B:/\$IM:KF73):ELOH"71Y YI&:RF)"75L00? ⁴ L:MA33(AN03
 (AB:D./I74Y YA:(AQO80B W:/YI&:RF)"73L B.:XIYR/I92Y? WF/)EQ:RF70) L:/KF03
 B.I/\$:M/E80KF):AKAN./:KF73 W:/LO71) Y:DA:(T/F75NIY00? ⁵):ANI70Y Y:HWFH03
 W:/) "74YN (O80WD ZW.LFT/I73Y)"74YN):ELOHI92YM?):A)AZ.ER:/KF73 W:/LO71)
 Y:DA:(T/F75NIY00? ⁶ L:MA74(AN Y"D:(81W. MI/M.IZ:RAX-\$E33ME\$03
 W:/MI/M.A74(:ARFBF80H K.IY-)E73PES B.IL:(FD/F92Y?):ANI71Y Y:HWF73H W:/) "71YN
 (O75WD00? ⁷ YOWC"71R)OWR03 W:/BOWR"74) XO80\$EK: (O&E71H \$FLO73WM
 W:/BO74WR") RF92():ANI71Y Y:HWF73H (O&E71H KFL-) "75L.EH00 ⁸ HAR:(I70YPW.
 \$FMA33YIM03 MI/M.A80(AL W:/\$.XFQI73YM YIZ.:LW.-CE92DEQ? T.IP:T.AX-JE74REC
 W:/YIP:RW.-YE81\$A(? W:/C:DFQF70H TAC:MI33YXA03 YA80XAD):ANI71Y Y:HWF73H
 B.:RF)TI75Y/W00 ⁹ HO81WY 10RFB)ET-YO74C:R/O80W XE73RE&)ET-XAR:&"74Y
):ADFMF92H? H:A/YO)MA63R]2 XO70MER L:/YO75C:R/OW03 MA75H-T.A:(A&E80H
 W:/PF(FL:/KF73)"YN-YFDA71YIM L/O75W00 ¹⁰ HO91WY)OM"71R L:/)F73B
 MAH-T.OWLI92YD W:/L:/)I\$.F73H MAH-T.:XIYLI75YN00 ¹¹ K.O75H-)FMA94R Y:HWF91H
 Q:DO71W\$ YI&:RF)"73L W:/YOC:R/O92W? HF/)OTIY.O74WT \$:/JL80W/NIY
 (AL-B.FN/A91Y W:/AL-P.O71(AL YFD/A73Y T.:CAW.U75/NIY00? ¹²)F75NOKIY03
 (F&I74YTIY)E80REC W:/)FDF73M (FLE74Y/HF BFRF92)TIY?):ANI81Y YFD/AY03
 NF+74W. \$FMA80YIM W:/KFL-C:BF)/F73M CIW."75YTIY00? ¹³)FNOKIY03
 HA(IYROT174/H75W. B:/CE80DEQ W:/KFL-D.:RKF73Y/W):AYA\$. "92R?
 H75W.)-YIB:NE70H (IYR/IY03 W:/GFLW.T/I74Y Y:\$AL."80XA? LO70) BI/M:XIYR03
 W:/LO74) B:/O80XAD)FMA73R Y:HWF71H C:BF)O75WT00 ¹⁴ K.O74H05)FMA74R
 Y:HWF81H? Y:GI63Y(A MIC:RA71YIM W.95/S:XAR-K.W.\$02 W:/S:BF)IYM02)AN:\$"74Y
 MID.FH01? (FLA70Y/IK: YA:(ABO33RW.03 W:/L/F74K: YI75H:Y80W.)AX:ARA74Y/IK:
 Y"L"80KW. B.A/Z.IQ.I73YM YA:(ABO92RW.? W:/)"LA70Y/IK: YI75\$:T.AX:AW.W.03]1
)"LA74Y/IK: YIT:P.AL.F80LW.?)A74K: B:/F71K:)"91L W:/)"71YN (O73WD)E71PES
):ELOHI75YM00? ¹⁵)FK"85N)AT.F73H)"74L MIS:T.AT."92R):ELOH"71Y YI&:RF)"73L
 MOW\$175Y(A00? ¹⁶ B.O71W\$W. W:/GA75M-NIK:L:M73W. K.UL/F92M YAX:D.FW03
 HFL:K74Y B.A/K.:LIM.F80H XFRF\$"73Y CIYRI75YM00? ¹⁷ YI&:RF)"L03 NOD:\$A74(
 B.A/YHWF80H T.:\$W.(A73T (OWLFMI92YM? LO)-T"BO71\$W. W:/LO)-TIK.FL:M73W.
 (AD-(O71WL:M"Y (A75D00 ¹⁸ K.I74Y KO74H)F75MAR-14Y:HWFH B.OWR"63)
 HA/\$.FMA61YIM H74W.) HF/):ELOHI81YM? YOC"63R HF/)F70REC W:/O&/FH.03 H74W.)
 KO75WN:N/F80H.? LO)-TO71HW. B:RF)/F73H. LF/\$E74BET Y:CFR/F92H.?):ANI71Y
 Y:HWF73H W:/)"71YN (O75WD00? ¹⁹ LO94) BA/S."74TER D.IB.A81R:T.IY B.I/M:QOWM03
)E74REC XO80\$EK: LO71))FMA91R:T.IY L:/ZE71RA(YA:(AQO73B T.O74HW.
 BAQ:.\$92W.NIY?):ANI70Y Y:HWFH03 D.OB"74R CE80DEQ MAG.I73YD
 M"Y\$FRI75YM00? ²⁰ HIQ.FB:C71W. WF/BO91)W. HI75T:NAG:.\$71W. YAX:D.F73W
 P.:LIY+"74Y HA/G.OWYI92M? LO74) YFD:(81W. HA/N.O75&:IYM03)ET-("74C
 P.IS:L/F80M? W:/MIT:P.AL:LI80YM)EL-) "73L LO71) YOW\$175Y(A00? ²¹ HAG.I74YDW.
 W:/HAG.I80Y\$W.)A71P YI75W.F:(AC73W. YAX:D.F92W? MI74Y HIS:MIY(A04 ZO63)T

MI/Q.E61DEM M")/F74Z HIG.IYD/F81H.? H:A/LO63W)):ANI70Y Y:HWFH03
W:/)"75YN-(O70WD):ELOHIYM03 MI/B.AL:(FD/A80Y?)"75L-CAD.I74YQ
W./MOW\$180Y(A)A73YIN ZW.LFT/I75Y00? 22 P.:NW.-)"L/A71Y W:/HIW.F\$:(73W.
K.FL-)AP:S"Y-)F92REC? K.I71Y):ANIY-)73L W:/)"71YN (O75WD00 23 B./I74Y
NI\$B.A80:(T.IY? YFCF63) MI/P./194Y C:DFQF91H D.FBF73R W:/LO74) YF\$92W.B?
K.IY-L/IY03 T.IK:RA74(K.FL-B.E80REK: T.I\$.FBA73(K.FL-LF\$O75WN00? 24)A94K:
B.A/YHWF91H L/I71Y)FMA73R C:DFQO74WT WF/(O92Z? (FDFY/W03 YFBO74W)
W:/Y"BO80\$W. K.O73L HA/N.EX:ERI71YM B./O75W00? 25 B.A/YHWF91H YIC:D.:Q71W.
W:/YI75T:HAL:L73W. K.FL-ZE71RA(YI&:RF)"75L00? 46 1 K.FRA71(B."L03 QOR"74S
N:BO80W HFYW.03 (:ACAB."Y/HE80M? LA/XAY.F73H W:/LA/B.:H"MF92H
N:&U)OT"Y/KE74M (:AMW.SO80WT MA&F73) LA/(:AY"PF75H00? 2 QFR:S70W.
KF75R:(W.03 YAX:D.F80W LO71) YFK:L73W. MAL."74+ MA&.F92)? W:/NAP:\$/F73M
B.A/\$.BI71Y HFLF75KFH00 3 \$IM:(70W.)"L/AY03 B."74YT YA:(AQO80B
W:/KFL-\$:)"RI73YT B."74YT YI&:RF)"92L? HA75/(:AMUSIYM03 MI/N.IY-BE80+EN
HA/N.:&U)I73YM MI/N.IY-RF75XAM00? 4 W:/AD-ZIQ:NFH03):ANI74Y H80W.)
W:/AD-&"YBF73HJ2):ANI74Y)ES:B.O92L?):ANI70Y (F&I33YTIY03 WA):ANI74Y
)E&.F80) WA):ANI71Y)ES:B.O73L WA):AMAL."75+00 5 L:/MI71Y T:DAM:Y73W./NIY
W:/TA\$:W92W. W:/TAM:\$IL73W./NIY W:/NID:ME75H00? 6 HA/Z.FLI70YM ZHFHB03
MI/K.I80YS W:/KE73SEP B.A/Q.FNE74H YI\$:QO92LW.? YI&:K.:R70W. COWR"P03
W:/YA(:A&/"74HW.)"80L YIS:G.:D73W.)AP-YI75\$:T.AX:AW.75W.00?J1 7 14YI&.F)U/HW.
(AL-K.FT"63P YIS:B.:LU61/HW. W:/YAN.IYXU70/HW. TAX:T.FY/W03
W:/YA75(:AMO80D? MI/M.:QOWM/O73W LO74) YFMI92Y\$?)AP-YIC:(A70Q)"LFY/W03
W:/LO74) YA:(ANE80H MI/C.FRFT/O73W LO71) YOW\$1Y(/E75N.W.00 8 ZIK:RW.-ZO73)T
W:/HIT:)O\$F92\$W. HF\$171YBW. POW\$:(I73YM (AL-L"75B00? 9 ZIK:R71W. RI)\$ONO73WT
M"/(OWLF92M? K.I74Y)FNOKI71Y)"L03 W:/)"74YN (O80WD):ELOHI73YM W:/)E71PES
K.FMO75W/NIY00? 10 MAG.I70YD M"75/R")\$IYT03)AX:ARI80YT W:/MI/Q.E73DEM
):A\$E74R LO)-NA(:A&92W.?)OM"R03 (:ACFT/I74Y TFQ80W.M W:/KFL-XEP:C/I73Y
)E(:E&E75H00? 11 QOR"70) MI/M.IZ:RFK03 (A80YI+ M")/E71REC MER:XF73Q)I74Y\$
**(:ACFT/I92Y?)AP-D.IB.A33R:T.IY03)AP-):ABIY)/E80N.FH YFCA73R:T.IY
)AP-)E(:E&E75N.FH00 12 \$IM:(71W.)"L/A73Y)AB.I74YR"Y L"92B HF/R:XOWQI73YM
MI/C.:DFQF75H00? 13 Q"RA70B:T.IY CID:QFT/IY03 LO74) TIR:XF80Q W:/T:\$W.(FT/I73Y
LO74) T:JAX"92R? W:/NFTAT.I70Y B:/CIY.OWN03 T.:\$W.(F80H L:/YI&:RF)"73L
T.IP:)AR:T/I75Y00 47 1 R:DI74Y05 W:/\$.BI74Y (AL-(FPF81R B.:TW.LAT03
B.AT-B.FBE80L? \$:BIY-LF)/F71REC)"YN-K.IS."73) B.AT-K.A&:D.I92YM? K.I74Y LO70)
TOWSI33YPIY03 YIQ:R:)W.-L/F80K: RAK.F73H WA/(:ANUG.F75H00? 2 Q:XI71Y
R"XA73YIM W:/+A74X:ANIY QF92MAX G.AL.I63Y CAM.FT/"94K:? XE&:P.IY-\$O91BEL
G.AL.IY-\$O73WQ (IB:RI71Y N:HFRO75WT00? 3 T.IG.FL03 (ER:WFT/"80K: G.A71M
T."RF)E73H XER:P.FT/"92K:? NFQF74M)EQ.F80X W:/LO71))EP:G.A73()FDF75M00
4 G.O):AL/"85NW. Y:HWF71H C:BF)O73WT \$:M/O92W Q:DO73W\$ YI&:RF)"75L00?
5 \$.BI71Y DW.MF91M W:/BO71)IY BA/XO73\$EK: B.AT-K.A&:D.I92YM? K.I74Y LO70)
TOWSI33YPIY03 YIQ:R:)W.-L/F80K: G.:BE73RET MAM:LFKO75WT00? 6 QFCA74P:T.IY
(AL-(AM./I81Y XIL.A33L:T.IY03 NAX:ALFT/I80Y? WF)ET.:N/"73M B.:YFD/"92K:
LO)-&A70M:T.: L/FHEM03 RAX:AMI80YM? (AL-ZFQ"85N HIK:B.A71D:T.: (UL/"73K:
M:)O75D00? 7 WA/T.O74)M:RI80Y L:/OWLF73M)EH:YE74H G:BF92RET (A74D?
LO)-&A71M:T.:)"33L.EH03 (AL-LIB."80K: LO71) ZFKA73R:T.:)AX:ARIYT/F75H.00
8 W:/AT.F62H \$IM:(IY-ZO70)T (:ADIYNFH03 HA/Y.OW\$E74BET LF/BE80+AX?
HF)/O75M:RFH03 B.I/L:BF80B/FH.):ANI73Y W:/)AP:S/I74Y (O92WD? LO70))"B03
)AL:MFNF80H W:/LO71))"DA73(\$:KO75WL00? 9 W:/TFBO)NFH04 L./F63K:
\$:T."Y-)71L.EH RE91GA(B.:YO71WM)EXF73D? \$:KO74WL W:/)AL:MO92N
K.:TUM./FM03 B.F74)W. (FLA80Y/IK:? B.:RO74B K.:\$FPA80Y/IK: B.:/FC:MA71T
X:ABFRA73Y/IK: M:)O75D00? 10 WA/T.IB:+.XI74Y B:/RF(FT/"81K:)FMAR:T.:03)"74YN
RO)/F80NIY? XFK:MFT/"71K: W:/DA:(T."73K: HI74Y) \$OWB:BF92T/EK:?
WA/T.O)M:RI74Y B:/LIB."80K:):ANI73Y W:/)AP:S/I71Y (O75WD00? 11 W:/BF94)
(FLA74Y/IK: RF(F81H LO70) T"D:(IY03 \$AX:R/F80H.? W:/TIP.O70L (FLA33Y/IK:03
HOWF80H LO71) TW.K:LI73Y K.AP.:R/F92H.? W:/TFBO63) (FLA94Y/IK: P.IT:)O91M
\$OW)F73H LO71) T"DF75(IY00? 12 (IM:DIY-NF70) BA/X:ABFRA33Y/IK:03 W:/B:/RO74B
K.:\$FPA80Y/IK:? B.A):A\$E71R YFGA73(AT.: MI/N.:W.RF92Y/IK:?)W.LA91Y

T.W.K:LI71Y HOW(I73YL)W.LA71Y T.A(:ARO75WCIY00? ¹³ NIL:)"73YT B.:RO74B
 (:ACFTF92Y/IK: YA(AM:DW.-NF63)? W:/YOW\$Y(U61/K: **HOB:R"74Y \$FMA81YIM
 HA75/XOZIYM03 B.A/K.O74WKFB180YM? MO75WDIY(IM03 LE/X:FD\$F80YM
 M"):A\$E71R YFBO73)W. (FLF75Y/IK:00? ¹⁴ HIN."63H HFY70W. K:/QA\$03)"74\$
 &:RFPF80T/AM? LO75)-YAC.I71YWLW.)ET-NAP:\$F73M MI/Y.A74D LE75HFBF92H?
)"YN-G.AXE74LET LA/X:MF80M)73W.R LF/\$E71BET NEG:D./O75W00? ¹⁵ K."71N
 HFYW.-L/F73K:):A\$E74R YFGF92(AT.: SOX:ARA74Y/IK: MI/N:.(W.RA81Y/IK:?) I70Y\$
 L:/(EB:R/OW03 T.F(80W.)"73YN MOW\$Y("/75K:00 **48** ¹ \$IM:(W.-ZO74)T
 B."75YT-YA:(AQO81B? HA/N.IQ:RF)IYM03 B.:/\$"74M YI&:RF)"80L W./MI/M."71Y
 Y:HW.DF73H YFCF92)W.? HA75/N.IS:B.F(I74YM05 B.:/\$"74M Y:HWF81H
 W./B")/LOH"70Y YI&:RF)"L03 YAZ:K.I80YRW.? LO71) BE:/EME73T W:/LO71)
 BI/C:DFQF75H00 ² K.I75Y-M"/(I70YR HA/Q.O33DE\$03 NIQ:RF80)W.? W:/(AL-):ELOH"71Y
 YI&:RF)"73L NIS:MF92KW. Y:HWF71H C:BF)O73WT \$:M/O75W00 ³ HF/RI75)\$ONOWT03
 M")/F74Z HIG.A80D:T.IY W./MI/P./I71Y YFC:)"73W. W:/)A\$:MIY("/92M? P.IT:)"O71M
 (F&I73YTIY WA/T.FBO75)NFH00 ⁴ MI/D.A:(T./I85Y K.I71Y QF\$E73H)F92T.FH?
 W:/GI70YD B.AR:ZEL03 (FR:P./E80KF W./MIC:X:/AKF73 N:XW.\$F75H00? ⁵ WF)/AG.I70YD
 L:/KF03 M")/F80Z B.:+E71REM T.FBO73W) HIS:MA:(T.I92Y/KF? P.EN-T.O)MAR03
 (FC:B./I74Y (F&F80M W./PIS:L/I71Y W:/NIS:K./I73Y CIW./F75M00? ⁶ \$FMA70:(T.F75
 X:AZ"H03 K.UL./F80H. W:/)AT.E73M H:A/LO74W) TAG.I92YDW.? HIS:MA:(T.I70Y/KF
 X:ADF\$OWT03 M"/(A80T.FH W./N:CURO73WT W:/LO71) Y:DA:(T./F75M00? ⁷ (AT.F70H
 NIB:R:)"W.03 W:/LO74) M")/F80Z W:/LI/P:N"Y-YO73WM W:/LO74) \$:MA:(T./F92M?
 P.EN-T.O)MA73R HIN."71H Y:DA:(T.I75Y/N00? ⁸ G.A74M LO75)-\$FMA81:(T.F 10G.AM
 LO74) YFDA80:(T.F G.A85M M")/F73Z LO)-PIT.:XF74H)FZ:N/E92KF? K.I70Y
 YFDA33:(T.IY03 B.FGO74WD T.IB:G.O80WD W./PO\$"71(A MI/B.E73+EN QO71RF)
 L/F75K:00? ⁹ L:MA70(AN \$:M/IY03)A):ARI74YK:)AP./I80Y W:/T:HIL.FT/I73Y
)EX:E+FM-L/F92K: L:/BIL:T.I73Y? HAK:RIYT/E75KF00? ¹⁰ HIN."71H C:RAP:T.I73Y/KF
 W:/LO74) B:/KF92SEP B.:XAR:T.I73Y/KF B.:/K71W.R (O75NIY00? ¹¹ L:MA:(AN/I94Y
 L:MA:(AN/I91Y)E:(E&E73H K.I74Y)"74YK: Y"XF92L? W./K:BOWD/I73Y L:/)AX"71R
 LO75)-JET."75N00 ¹² \$:MA70()"L/AY03 YA75:(AQO80B W:/YI&:RF)"73L M:QORF)/I92Y?
):ANIY-HW.)03):ANI74Y RI)\$O80WN)A73P):ANI71Y)AX:ARO75WN00? ¹³)AP-YFD/IY03
 YF74S:DFH)E80REC WI75/YMIYN/I73Y +IP.:XF74H \$FMF92YIM? QOR"71)):ANI91Y
):AL"Y/HE73M YA(AM:D71W. YAX:D.F75W00? ¹⁴ HIQ.FB:C70W. KUL:/KEM03
 W.95/\$:AMF80(W. MI71Y B/FHE73M HIG.I74YD)ET-)"92L.EH? Y:HWF74H):AH"B/O80W
 YA:(A&E70H XEP:C/OW03 B.:/BFBE80L W./Z:RO(/O73W K.A&:D.I75YM00? ¹⁵):ANI71Y
):ANI91Y D.IB.A73R:T.IY)AP-Q:RF)TI92Y/W H:ABIY)OTI73Y/W W:/HIC:LI71YXA
 D.AR:K./O75W00? ¹⁶ QIR:B94W.)"L/A74Y \$IM:(W.-ZO81)T? LO70) M"/RO)\$03
 B.A/S."74TER D.IB.A80R:T.IY M"/("71T H:EYOWT/F73H. \$F74M)F92NIY? W:/(AT.F81H
):ADONF94Y Y:HWI91H \$:LFX/A73NIY W:/RW.X/O75W00 ¹⁷ K.O75H)-FMA94R
 Y:HWF91H G.O)AL:/KF73 Q:DO74W\$ YI&:RF)"92L?):ANI63Y Y:HWF70H
):ELOHE33Y/KF03 M:LAM.ED:/KF74 L:/HOW(I80YL? MAD:RI75YK:/AKF73 B.:/DE71REK:
 T."L"75K:00 ¹⁸ L71W.) HIQ:\$A73B:T.F L:/MIC:WOT/F92Y? WA/Y:HI70Y KA/N.FHFR03
 \$:LOWM/E80KF W:/CID:QFT:/KF73 K.:/GAL."71Y HA/Y.F75M00? ¹⁹ WA/Y:HI70Y
 KA/XOWL03 ZAR:/(E80KF W:/CE):ECF)"71Y M"(E73Y/KF K.I/M:(OTF92Y/W?
 LO75)-YIK.FR"94T W:75/LO)-YI\$.FM"91D \$:M/O73W MI/L:./PFNF75Y00? ²⁰ C:)"74W.
 MI/B.FBEL02 B.IR:X74W. MI/K.A&:D.IYM01? B.:/QO74WL RIN.F81H HAG.I70YDW.
 HA\$:MI33Y(W.03 ZO80)T? HOWCIY)73W/HF (AD-Q:C"74H HF)/F92REC?)IM:R85W.
 G.F)A71L Y:HWF73H (AB:D./O71W YA:(AQO75B00? ²¹ W:/LO74) CFM:)81W.
 B.F/X:FRFBOWT03 HO75WLIYK/F80M? MA71YIM MI/C.73W.R HIZ.I74YL L/F92MOW?
 WA/Y.I63B:QA(-C80W.R WA/Y.FZU73BW. MF75YIM00? ²²)"74YN \$FLO80WM)FMA71R
 Y:HWF73H LF/R:\$F(I75YM00 **49** ¹ \$IM:(70W.)IY.IYM03)"L/A80Y W:/HAQ:\$I71YBW.
 L:)UM.I73YM M"/RFXO92WQ? Y:HWFH03 MI/B.E74+EN Q:RF)/F80NIY MI/M:("71Y
)IM.I73Y HIZ:K.I71YR \$:M/I75Y00? ² WA/Y.F70&EM P./IY03 K.:/XE74REB XAD.F80H
 B.:/C"71L YFD/O73W HEX:B.IY)/F92NIY? WA/Y:&IYM/"33NIY03 L:/X"74C B.FR80W.R
 B.:/A\$:P.FT/O73W HIS:T.IYR/F75NIY00? ³ WA/Y.O71)MER LI73Y (AB:D./IY-)"F92T.FH
 YI&:RF)"85L):A\$ER-B:/KF73)ET:P.F)F75R00? ⁴ WA):ANI70Y)FMA33R:T.IY03
 L:/RI74YQ YFGA80:(T.IY L:/TO71HW. W:/HE73BEL K.OX/I74Y KIL."92YTIY?)FK"N03
 MIS:P.F+/I74Y)ET-Y:HWF80H W:/P:(UL.FT/I73Y)ET-):ELOH/F75Y00? ⁵ W:/(AT.F74H05

(FMA74R Y:HWF81H YOC:R/I70Y MI/B.E33+EN03 L:(E74BED L/O80W? L:\$OWB"70B
YA75(:AQOB03)"LF80Y/W W:/YI&:RF)"73L **L/O74W Y")FS"92P? W:/)EK.FB"D03
B.:("YN"74Y Y:HWF80H W")LOH/A73Y HFYF71H (UZ./I75Y00? 6 WA/Y.O81)MER
NFQ"63L MI75/H:YOWT/:KF71 L/IY03 (E80BED L:/HFQIYM03)ET-\$IB:+"74Y
YA(:AQO80B? **W./N:CW.R"71Y YI&:RF)"73L L:/HF\$I92YB W./N:TAT.I33Y/KF03
L:/O74WR G.OWYI80M? LI75/H:YO71WT Y:\$W.(FT/I73Y (AD-Q:C"71H HF/)F75REC00
7 K.O74H)F75MAR-Y:HWFH04 G.O)"63L YI&:RF)"61L Q:DOW\$/O81W?
LI/B:ZOH-NE61PE\$ LI/M:TF70("75B G.OWY03 L:(E74BED MO\$:LI80YM? M:LFKIYM03
YIR:)"74W. WF/QF80MW. &FRI73YM W:/YI75\$:T.AX:AW.92W.?]1 L:MA70(AN Y:HWFH03
):A\$E74R NE):EMF80N Q:DO71\$ YI&:RF)"73L WA/Y.IB:XFR/E75K.F00? 8 K.O74H05
)FMA74R Y:HWF81H? B.:("70T RFCOWN03 (:ANIYTI80Y/KF W./B:/YO71WM
Y:\$W.(F73H (:AZAR:T.I92Y/KF? W:/)EC.FR:KF81 W:/)ET.EN/:KF03 LI/B:RI74YT (F80M?
L:/HFQI74YM)E80REC L:/HAN:XI73YL N:XFLO71WT \$OM"MO75WT00? 9 L")MO70R
LA75):ASW.RIYM03 C"80)W. LA):A\$E71R B.A/XO73\$EK: HIG.FL92W.? (AL-D.:R
FKI74YM YIR:(80W. W./B:/KFL-\$:PFYI73YM MAR:(IYT/F75M00? 10 LO70)
YIR:(F33BW.03 W:/LO74) YIC:MF80)W. W:/LO-YAK."/71M \$FRF73B WF/\$F92ME\$?
K.IY-M:RAX:AM/F74M Y:NAH:AG/"80M W:/AL-MAB.71W.(Y MA73YIM
Y:NAH:AL/"75M00? 11 W:/&AM:T.I71Y KFL-HFR/A73Y LA/D.F92REK: W./M:SIL.OT/A73Y
Y:RUM75W.N00? 12 HIN."H-)85L.EH M"/RFXO73WQ YFBO92)W.
W:/HI75N."H-)33L.EH03 MI/C.FPO74WN W./MI/Y.F80M W:/)"73L.EH? M"/)E71REC
SIYNI75YM00? 13 RFN.70W. \$FMA33YIM03 W:/GI74YLIY)F80REC **W./PIC:X71W.
HFR173YM RIN.F92H? K.I75Y-NIXA70M Y:HWFH03 (AM./O80W WA/(:ANIY/F73W
Y:RAX"75M00 14 WA/T.O71)MER CIY.O73WN (:AZFB/A74NIY Y:HWF92H WA/)DONF73Y
\$:K"X/F75NIY00? 15 H:A/TI\$:K.A70X)I\$.FH03 (W.L/F80H. M"/RAX"73M
B.EN-B.I+:N/F92H.? G.AM-)74L.EH TI\$:K.A80X:NFH W:/)FNOKI73Y LO71)
)E\$:K.FX/"75K:00? 16 H"71N (AL-K.AP.A73YIM XAQ.OTI92Y/K: XOWMOTA71Y/IK:
NEG:D./I73Y T.FMI75YD00? 17 MI75H:AR73W. B.FNF92Y/IK: M:HF75R:SA71Y/IK:
W./MAX:ARIBA73Y/IK: MI/M."/71K: Y"C"75)W.00? 18 &:)I75Y-SFBI70YB ("YNA33Y/IK:03
W./R:)I80Y K.UL/F73M NIQ:B.:C74W. BF75)W.-L/F92K:? XAY-)F74NIY
N:)UM-Y:HWF81H K.I70Y KUL./FM03 K.F/(:ADI74Y TIL:B.F80\$Y W.95/T:QA\$:RI73Y/M?
K.A/K.AL.F75H00? 19 K.I70Y XFR:BOTA33Y/IK:03 W:/SO74M:MOTA80Y/IK: W:/)E73REC
H:ARI75SUT"92Y/K:? K.I70Y (AT.FH03 T."C:RI74Y MI/Y.OW\$"80B W:/RFX:AQ73W.
M:BAL:.(F75Y/IK:00? 20 10(OWD YO)M:R74W. B:/FZ:NA80Y/IK: B.:N"73Y
\$IK.ULF92Y/IK:? CAR-L/I71Y HA/M.FQO73WM G.:\$FH-L./I71Y W:/)"\$75BFH00?
21 W:/)FMA74R:T.: B.I/L:BFB/"81K: MI70Y YF75LAD-L/IY03)ET-)80L.EH? WA/):ANI71Y
\$:KW.LF73H W:/GAL:MW.DF92H G.OLF74H05 W:/SW.RF81H W:/)"33L.EH03 MI74Y
GID."80L? H"70N):ANIY03 NI\$:)A74R:T.IY L:/BAD./I80Y)"73L.EH)"YPO71H H"75M00
22 K.O75H-)FMA62R):ADONF74Y Y:HWI81H? HIN."63H)E&.F70))EL-G.OWYIM03
YFD/I80Y W:/)EL-(AM.I73YM)FRI74YM NIS./I92Y? W:/H"BI70Y)W. BFNA33Y/IK:03
B.:XO80CEN W./B:NOTA73Y/IK: (AL-K.FT"71P T.IN.F&E75)NFH00? 23 W:/HFY63W.
M:LFKI61YM)O75M:NA81Y/IK: W:/&FRO75WT"Y/HEM03 M"YNI74YQOTA80Y/IK:?
)AP.A81YIM 10)EREC YI\$:T.A74X:AWW. L/F80K: WA/(:APA71R RAG:LA73Y/IK:
Y:LAX"92KW.? W:/YFDA33(AT.:03 K.I75Y-):ANI74Y Y:HWF80H):A\$E71R
LO75)-Y"BO73\$W. QOW/F75Y00 24 H:A/YUQ.A71X MI/G.IB.O73WR MAL:QO92WXA
W:/)IM-\$:BI71Y CAD.I73YQ YIM.FL"75+00? 25 K.IY-KO74H05)FMA74R Y:HWF81H?
G.AM-\$:BI70Y GIB.OWR03 YUQ.F80X W./MAL:QO71WXA (FRI73YC YIM.FL"92+?
W:/)ET-Y:RIYB/"K:03)FNOKI74Y)FRI80YB W:/)ET-B.FNA73Y/IK:)FNOKI71Y
)OW\$I75Y(A00? 26 W:/HA):AKAL:T.I70Y)ET-MOWNA33Y/IK:03)ET-B.:&FR/F80M
W:/KE/(FSI73YS D.FM/F74M YI\$:K.FR92W.N? W:/YFD:(74W. KFL-B.F&F81R K.I74Y
):ANI70Y Y:HWFH03 MO75W\$YI/("80K: W:/GO):AL/"73K:):ABI71YR YA(:AQO75B00

Biblia Hebraica Stuttgartensia as released by the TanakhML Project is based on the following edition hosted and distributed by the Oxford Text Archive (<http://ota.ahds.ac.uk/>): **FILE DESCRIPTION Title Statement Title** Bible. O.T. Hebrew. Biblia Hebraica Stuttgartensia [Electronic resource]: (Michigan-Clairemont text) **Editors** Kittel, Rudolf, 1853-1929. Alt, Albrecht, 1883-1956. Eissfeldt, Otto, 1887-. Kahle, Paul, 1875-1964. Elliger, Karl, 1901-1977. Rudolph, Wilhelm, 1891- **Name** Whitaker, Richard E.. Parunak, H. Van Dyke **Responsibility** creation of machine-readable version **Edition Statement** *Edition* Rev. ed. / *Computer Assisted Tools for Septuagint Studies* (Project) **Extent** Text data. (1 file : ca. 3240 kilobytes) **Publication Statement** *Date* 1987-02-07 **Name** Oxford Text Archive. Oxford **Address** Oxford University Computing Services. 13 Banbury Road. Oxford. OX2 6NN. info@ota.ahds.ac.uk **IDNO** bibl0525 **Availability** Freely available for non-commercial use provided that this header is included in its entirety with any copy distributed. From the printed Code manual deposited with the electronic text: "The project was made possible ... by the gracious release granted by the Deutsche Bibelstiftung, Stuttgart, publishers of Biblia Hebraica Stuttgartensia." **Notes Statement** *Notes* Mode of access: Online. OTA website. Title proper taken from printed records held at the Oxford text Archive. Coded transliteration of printed version. "The Hebrew text used in the [Computer Assisted Tools for Septuagint Studies (CATSS)] project was encoded under the direction of Richard Whitaker (Clairemont Institute for Antiquity and Christianity) and H. Van Dyke Parunak (University of Michigan Computer Center) ... and has been corrected by the Jerusalem team with the aid of the Maredsous Data Bank"--Computer Assisted Tools for Septuagint Studies (CATSS). vol. 1. p. 8.. This revised edition overseen by Emanuel Tov and Robert A. Kraft. Publication based on this text: Computer Assisted Tools for Septuagint Studies (CATSS) / project directors, Robert A. Kraft [and] Emanuel Tov. -- Atlanta, Ga. : Scholars Press, 1986- . -- (Society of Biblical Literature. Septuagint and cognate studies series ; no. 20). -- Contents: Vol. 1. Ruth / [by] John R. Abercrombie, William Adler, Robert A. Kraft [and] Emanuel Tov. -- ISBN 0-89130-978-0 (v. 1 : alk. paper). -- ISBN 0-89130-979-9 (v. 1 : pbk. : alk. paper). **Source Description Bibliography** Transcribed from: Biblia Hebraica Stuttgartensia quae antea cooperantibus A. Alt, O. Eissfeldt, P. Kahle ediderat R. Kittel / editio funditus renovata, adjuvantibus H. Bardtke ... [et al.] cooperantibus H.P. Rüger et J. Ziegler ; ediderunt K. Elliger et W. Rudolph ; textum Masoreticum curavit H.P. Rüger, Masoram elaboravit G.E. Weil. -- Stuttgart : Deutsche Bibelstiftung, 1977. -- Prolegomena in German, English, French, Spanish and Latin. -- Added title and text in Hebrew: Torah, Neviim u-Khetuvim. -- ISBN 3-43805218-0. **ENCODING DESCRIPTION Project Description Project** The aim of this project was to produce the first complete machine-readable Old Testament text in the public domain **Sampling Declaration** *Sampling* **Editorial Declaration** *Editors* Encoding format: Plain text. Text transcribed using a code: please apply to the Oxford Text Archive for detailed printed information. From the Printed code manual: "This text is a complete transcription of the graphical form of the Massoretic text, as recorded in Biblia Hebraica Stuttgartensia, with as little analysis as possible ... Experience indicates that if graphical details are leveled out by recording only analysis, inevitably those very details will be needed later. We have recorded as much as possible at the outset. Our overriding rule had been, "Code what is WRITTEN, not what is MEANT.". 95% of the text employs capital letters **Tags Declaration** **References Declaration** *Reference* **Class Declaration** *Bibliography* Oxford Text Archive Subject Headings *Bibliography* Library of Congress Subject Headings **PROFILE DESCRIPTION** **Creation** *Date* [198-?] **Language Usage** *Language* Hebrew **Text Class** *Keyword* Sacred texts *Keyword* **REVISION DESCRIPTION** **Change** *Date* 06 Sep. 2000 **Name** Webb, Anton **Responsibility** Cataloguer *Item* Header changed in accordance with ISBD(ER) guidelines and expanded. Validated in the TEI Lite DTD using XMetal 2.0 **Change** *Date* 14 Jan 1998 **Name** Burnard, Lou **Responsibility** cvt (converter) *Item* Header auto-generated from TOMES **Change** *Date* 1990-1991 **Name** Day, Michael **Responsibility** edt (Editor) *Item* The following information was at the beginning of a MARC record used to to generate this TEI header, and may contain useful information: FIELDS SUBJECT TO REVISION: 506.