

P_μP°C_HP°C†P_μC,P°P_jPsP» C†PëPSPëC,C_H P±PsP»P_μP·P°CÍPíPsPeC-PN₂P»PëPICí C,P°
P¶P°C_HPsP·PSPëP¶CíPIP°P»CH₂PSCr PrC-C_H, C¶PeP°, C¶Pe PIPIP°P¶P°C”C,C_HCÍC¶,
PIC-PrP±CíPIP°C”C,C_HCÍC¶ PiPsP»PsPIPSPPj C†PëPSPS_j C†P_μC_HP_μP·
C-PSPiC-P±CíPIP°PSPSC¶ CÍPëPSC,P_μP·Cr PíC_HPsCíC,P°PiP»P°PSPrPëPSC-PI Cr
C†P_μPSC,C_HP°P»CH₂PSC-PN₂ PSP_μC_HPIPsPIC-PN₂ CÍPëCíC,P_μPjC-

P“PIP°PNεC,,PμPSPμP·PëPS C” PIC-PrC...P°CḡPeCfPIP°P»CHbPSPëPj P·P°CfPsP±PsPj. P”C-C” P·P°
CḡP°C...CfPSPsPe P·P±C-P»CHbCεPμPSPSCl PsP±bḡ™ C”PjCf C,P° P·PSPëP¶PμPSPSCl
Pİbḡ™ ClP·PePsCfC,C- CfPμPeCḡPμC,Cf C C,CḡP°C...PμC— C- P±CḡPsPSC...P°C..., C%Ps
PİPsP»PμPiCεCfC” PIPëPrC-P»PμPSPSCl PjPsPeCḡPsC,PëPSPSCl PİCḡPë PeP°CεP»C-.

PαPμPSC-P»PμC,,CḡPëPSCf PiC-PrCḡPsC...P»PsCḡPëPr bḡ” CfPëPjPİP°C,PsPjC-PjPμC,PëPe,
ClPePëPNε P·PrPμP±C-P»CHbCεPsPiPs CfC,PëPjCfP»CḡC” α-
P°PrCḡPμPSPsCḡPμC†PμPiC,PsCḡPë. P’C-PS C” PİCḡPsC,PëPSP°P±CḡClPePsPIPëPj
P·P°CfPsP±PsPj C- PrC-C” CεP»ClC...PsPj P·PICfP¶PμPSPSCl CfCfPrPëPS,
P·PjPμPSCεCfCḡC†Pë PSP°P±CḡClPePë, P·PsPeCḡPμPjP° PSP°P±CḡClPePë CfP»PëP·PsPiPsC—
PsP±PsP»PsPSPëPë PSPScfP° C- PİCḡPëPrP°C,PePsPIPëC... PİP°P·CfC....

P”C-CḡC†C- CḡPμC†PsPIPëPSPë PSPμ CfPİCḡPëC†PëPSClCḡC,CHb CfPμPrP°C,PëPIPSPsPiPs
PμC,,PμPeC,Cf.

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

PμP°CḡP°C†PμC,P°PjPsP» CεPIPëPrPePs C- PjP°PNεP¶Pμ PİPsPIPSC-CfC,Cḡ
PICfPjPsPeC,CfC”C,CHbCfCl Cf CεP»CfPSPePsPiPs-PePëCεPePsPiPsPjCf C,CḡP°PeC,C-,
PİCḡPsC...PsPrPëC,CHb C†PμCḡPμP· PİP»P°C†PμPSC,P°CḡPSPëPNε P±P°Cḡbḡ™ C”Cḡ,
PSPμP·PSP°C†PSP° C†P°CfC,PëPSP° PİCḡPsPSPëPeP°C” Pİ PİCḡCfPrPSPμ PjPsP»PsPePs. 95 %
P°C†PμC,P°PjC-PSPsC,,PμPSCf PjPμC,P°P±PsP»C-P·CfC”C,CHbCfCl Cf PİPμC†C-PSC†C-
CεP»ClC...PsPj CfCfP»CHbC,,Ps- C,P° PİP»CḡPeCfCḡPsPSPsPePsPSbḡ™ CḡPİP°C†C-C—, P°
C,P°PePsP¶ PsPePëCfPSPμPSPSCl CfPëCfC,PμPjPsCḡ C†PëC,PsC...CḡPsPjC-PI P 450.
PμPμCḡC-PsPr PSP°PİC-PIPIPëPIPμPrPμPSPSCl CfC,P°PSPsPIPëC,CHb PIC-Pr 1 PrPs 3
PİPsPrPëPS. PḡCḡPëPIP°P»C-CfC,CHb PrC-C— — 3-4 PİPsPrPëPSPë. P’PëPIPsPrPëC,CHbCfCl
PSPëCḡPeP°PjPë, P·PrPμP±C-P»CHbCεPsPiPs Cf PIPëPiP»ClPrC- PjPμC,P°P±PsP»C-C,C-PI, 3 %
CḡPμC†PsPIPëPSPë PIPëPIPsPrPëC,CHbCfCl Cf PSPμP·PjC-PSPμPSPsPjCf CfC,P°PSC-.

P“PIP°PNεC,,PμPSPμP·PëPS CεPIPëPrPePs PICfPjPsPeC,CfC”C,CHbCfCl Cf CεP»CfPSPePsPiPs-
PePëCεPePsPiPsPjCf C,CḡP°PeC,C- C,P° PjPμC,P°P±PsP»C-P·CfC”C,CHbCfCl PrPs β-(2
PjPμC,PsPeCfPëC,,PμPSPsPeCfPë) PjPsP»PsC†PSPsC— PePëCfP»PsC,Pë —
PSPμP°PeC,PëPIPSPsPiPs PjPμC,P°P±PsP»C-C,Cf, ClPePëPNε PIPëPrC-P»ClC”C,CHbCfCl C-P·
CfPμC†PμCḡ. PμPμCḡC-PsPr PSP°PİC-PIPIPëPIPμPrPμPSPSCl PİPIP°PNεC,,PμPSPμP·PëPSCf
PePsCḡPsC,PePëPNε — PİCḡPëP±P»PëP·PSPs 1 PİPsPrPëPSP°.

PαPμPSC-P»PμC,,CḡPëPSCf PiC-PrCḡPsC...P»PsCḡPëPr PICfPjPsPeC,CfC”C,CHbCfCl Cf
CεP»CfPSPePsPiPs-PePëCεPePsPiPsPjCf C,CḡP°PeC,C- PSPμCḡC-PIPSsPjC-CḡPSPs C-
PİC-PrP»ClPİP°C” PİCḡPμCfPëCfC,PμPjPSPsPjCf PjPμC,P°P±PsP»C-P·PjCf P·P°
PrPsPİPsPjPsPiPsCḡ PjPsPSPsP°PjC-PSPsPeCfPëPrP°P·Pë Pİ PePëCεPμC†PSPëPeCf C,P°
PİPμC†C-PSC†C-. PḡP°PePëPj C†PëPSPsPj PİPIPμPrPμPSPëPNε PİPμCḡPsCḡP°P»CHbPSPs
C,,PμPSC-P»PμC,,CḡPëPS PjP°C” P·PSPëP¶PμPSCf P±C-PsPrPsCfC,CfPİPSC-CfC,CHb.

P’PëPIPsPrPëC,CHbCfCl P· CfPμC†PμCḡ PjP°PNεP¶Pμ PİPsPIPSC-CfC,Cḡ Cf PIPëPiP»ClPrC-
CfCfP»CHbC,,P°C,PSPsPiPs PePsPSbḡ™ CḡPİP°C,Cf. PμPμCḡC-PsPr
PSP°PİC-PIPIPëPIPμPrPμPSPSCl P· PİP»P°P·PjPë PeCḡPsPIC- CfC,P°PSPsPIPëC,CHb 2-3
PİPsPrPëPSPë.

PḡP»C-PSC-C†PSC- C...P°CḡP°PeC,PμCḡPëCfC,PëPePë.

PuPsPeP°P·P°PSPSCI.

P>C-PeCfPIP°PSPSCI CÍPëPjPiC,PsPjC-PI P·P°CÍC,CfPrPë C,P° PiCtjPëPiCf
(PiCtjPsPrCfPeC,PëPIPSPëPNë PeP°CëPµP»CH P· CÍC,CtjCfPrPSPµPSPëPj
PIC-PrC...PsPrP¶PµPSPSCI¶Pj PjPsPeCtjPsC,PëPSPSCI, PiPsP»PsPIPSPëPNë P±C-P»CH,
P±C-P»CH C,P° P»PsPjPsC,P° CÍ C,C-P»C-, P±C-P»CH CÍ PiPsCtjP»C-,
P·P°PeP»P°PrPµPSC-CÍC,CH PSPsCÍP° C,P° PiC-PrPIPëC%oPµPSP° C,PµPjPiPµCtjP°C,CfCtjP°
C,C-P»P°).

PuCtjPsC,PëPiPsPeP°P·P°PSPSCI.

P“C-PiPµCtjC±CÍC,P»PëPIC-CÍC,CH PrPs PiP°CtjP°C†PµC,P°PjPsP»CÍ,
PiPIP°PNëC,,PµPSPµP·PëPSCÍ, C,,PµPSC-P»PµC,,CtjPëPSCÍ PiC-PrCtjPsC...P»PsCtjPëPrCÍ P°P±Ps
PrPs P±CÍPrCH-ClPePsPiPs C-PSCëPsPiPs PePsPjPiPsPSPµPSC,P° P»C-PeP°CtjCÍCHPePsPiPs
P·P°CÍPsP±CÍ. P·P°P¶PeC- CÍPµCtjC†PµPIPs-CÍCÍPrPëPSPSC- P·P°C...PIPsCtjCtjPIP°PSPSCI,
P°CtjC,PµCtjC-P°P»CHPSP° PiC-PiPµCtjC,PµPSP·C-Cl, C†CÍPeCtjPsPIPëPNë PrC-P°P±PµC,,
P·P°PeCtjPëC,PsPeCÍC,PsPIP° PiP»P°CÍPePsPjP°, PiC-PiPµCtjC,PëCtjPµPsP·, P·P°C,CtjPëPjPeP°
CÍPµC±PsPIPëPiCÍCÍPeP°PSPSCI PIPSP°CÍP»C-PrPsPe PiC-PiPµCtjPiP»P°P·C-C—
PiPµCtjPµPrPjC-C...CÍCtjPsPIPsC— P·P°P»PsP·Pë, C,,PµPsC...CtjPsPjPsC†PëC,PsPjP°.

PµPsCtjC,,C-CtjC-Cl, PiPsCtjCÍCëPµPSPSCI C,,CÍPSPeC†C-C— PiPµC±C-PSPePë,
PiPsCÍC,CtjPëPNë PiPµPiP°C,PëC,, PiP°PSPeCtjPµP°C,PëC,, C,ClP¶PeC- PiPsCtjCÍCëPµPSPSCI
C,,CÍPSPeC†C-C— PSPëCtjPsPe. PhP»PePsPiPsP»C-P·Pj.

PhPrPSPsC±P°CÍPSPµ P·P°CÍC,PsCÍCÍPIP°PSPSCI P· C-PSPiC-P±C-C,PsCtjP°PjPë
PjPsPSPsP°PjC-PSPsPeCÍPëPrP°P·Pë (PëPhPh) (P°P±Ps P·P°CÍC,PsCÍCÍPIP°PSPSCI
PiCtjPsC,ClPiPsPj PrPIPsC... C,PëP¶PSC-PI PiC-CÍP»Cl PiCtjPëPiPëPSPµPSPSCI C,P°PePsPiPs
P»C-PeCÍPIP°PSPSCI), C,CtjPëC†PëPeP»C-C±PSPëPjPë P°PSC,PëPrPµPiCtjPµCÍP°PSC,P°PjPë,
PiP°CtjP°C†PµC,P°PjPsP»PsPIPjC-CÍPSPëPjPë PiCtjPµPiP°CtjP°C,P°PjPë, β-
P±P»PsPeP°C,PsCtjP°PjPë C,P° C-PSCëPëPjPë PIP°P·PsPrPëP»P°C,P°C,PsCtjP°PjPë P°P±Ps
CÍPëPjPiP°C,PsPjC-PjPµC,PëPeP°PjPë.

P’CtjPsPrP¶PµPSP° PiC-PiPµCtjP±C-P»C-CtjCÍP±C-PSPµPjC-Cl (PI C,PsPjCÍ C±PëCÍP»C-
CÍPëPSPrCtjPsPj P-PëP»CHP±PµCtjP°), PrPµC,,C-C†PëC, PiP»CtjPePsP·Ps-6-
C,,PsCÍC,,P°C,PrPµPiC-PrCtjPsPiPµPSP°P·Pë, CtjC-PrPeC-CÍPSC- CÍPiP°PrPePsPIC-
PiCtjPsP±P»PµPjPë, PiPsPIBtj™ ClP·P°PSC- P· PSPµPiPµCtjPµPSPsCÍPëPjC-CÍC,Ctj
C,,CtjCÍPeC,PsP·Pë, PiP»CtjPePsP·Ps-PiP°P»P°PeC,PsP·PSPsCtj
PjP°P»CHP°P±CÍPsCtjP±C†C-C”Ctj P°P±Ps PSPµPrPsCÍC,P°C,PSC-CÍC,Ctj CÍP°C...P°CtjP°P·Pë-
C-P·PsPjP°P»CHC,P°P·Pë, P·P°C...PIPsCtjCtjPIP°PSPSCI PeCtjPsPIC-, C,ClP¶PeP°
PiPµPjPsP»C-C,PëC±PSP° P°PSPµPjC-Cl, P»PµPNëPePsPiPµPSC-Cl.

PµPµPSC-P»PePµC,PsPSCÍCtjC-Cl.

P”PëC,ClC±PëPNë PIC-Pe PrPs 12 CtjPsPeC-PI.

P’P·P°C”PjPsPrC-Cl P· C-PSCëPëPjPë P»C-PeP°CtjCÍCHPePëPjPë P·P°CÍPsP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PNë.

PµCtjPë PiPsPrPsPIP¶PµPSPsPjCÍ CtjPµPiCÍP»ClCtjPSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC-

(PSP_μCTC, P_μCT_μPsC—PrPSC— PiCT_μPsC, PēP·P°PiP°P»CH_μPSC— P·P°CT_μPsP±Pē) PiC—PrPiPēC%₀₀CrC”
CT_μPēP·PēPe PSPēCT_μPePsPiPsC— PrPēCTC,, CrPSPeC†C—C—.

P_μCT_μPsP±P_μPSP_μC†PēPr C—PSPiC—P±CrC” P·Pi_β™ C_μP·CrPiP°PSPSC_μ
PiP°CT_μP°C†P_μC, P°PjPsP»Cr P· PiP»CT_μPeCrCT_μPsPSPsPiPsCT_μ PePēCTP»PsC, PsCT_μ C— C, P°PePēPj
C†PēPSPsPj P·PjP_μPSC€CrC” PeP»C—CT_μP_μPSC_μ PiP°CT_μP°C†P_μC, P°PjPsP»Cr PjP°PN_μP_μ
PiPrPIC—C†C—. P_μCT_μPē PsPrPSPsC†P°CT_μPSPsPjCr P·P°CTC, PsCT_μCrPiP°PSPSC—
PiCT_μPsP±P_μPSP_μC†PēPrCr PrPsP·Cr PiP°CT_μP°C†P_μC, P°PjPsP»Cr PSP_μPsP±C...C—PrPSPs
P·PjP_μPSC€CrPiP°C, Pē.

PŸCrPiCrC, PSC” P·P°CTC, PsCT_μCrPiP°PSPSC_μ PiP°CT_μP°C†P_μC, P°PjPsP»Cr C— P_hP—PŸ
(P·PēPrPsPICrPrPēPSCr) PiC—PrPiPēC%₀₀CrC” CT_μPēP·PēPe PiPēPSPēPePSP_μPSPSC_μ
PSP_μPN_μC, CT_μPsPiP_μPSC—C—. PŸP°PePēPj C†PēPSPsPj, PsPrPSPsC†P°CT_μPSP_μ
P·P°CTC, PsCT_μCrPiP°PSPSC_μ PiP°CT_μP°C†P_μC, P°PjPsP»Cr C— P_hP—PŸ PSP_μPsP±C...C—PrPSPs
P·PrC—PN_μCT_μPSC_μPiP°C, Pē PiC—Pr PSP°PiP»C_μPrPsPj P»C—PeP°CT_μC_μ.

P†CT_μPSCrC” PiC—PiP_μCT_μC, P_μPSP·PēPiPSP° PiP·P°C”PjPsPrC—C_μ PjC—P_μ
CT_μPēPjPiP°C, PsPjC—PjP_μC, PēC†PSPēPjPē P°PjC—PSP°PjPē, C, P°PePēPjPē C_μPe
C,, P_μPSC—P»P_μC,, CT_μPēPS, C, P° C—PSPiC—P±C—C, PsCT_μP°PjPē PjPsPSPsP°PjC—PSPsPeCT_μPēPrP°P·Pē.
P_μPSC—P»P_μC,, CT_μPēPS PjPsP_μP_μ P·PSPēP_μCrPiP°C, Pē P_μC,, P_μPeC, PēPiPSC—CTC, CH_μ β-
P±P»PsPeCrCT_μC†PēC... PiCT_μP_μPiP°CT_μP°C, C—PI C, P° PiC—PiPsC, P_μPSP·PēPiPSPēC...
PiCT_μP_μPiP°CT_μP°C, C—PI. P_μPSC—P»P_μC,, CT_μPēPS PiC—PrPiPēC%₀₀CrC”
PN_μPjPsPIC—CT_μPSC—CTC, CH_μ PiPēPSPēPePSP_μPSPSC_μ P°CT_μPēC, PjC—PN_μ Cr PiP°C†C—C”PSC, C—PI,
C_μPeC— P·P°CTC, PsCT_μPsPICrCT_μC, CH_μ PiCT_μP_μPiP°CT_μP°C, Pē PSP°PiP_μCT_μCTC, C_μPSPePē. P,,
PN_μPjPsPIC—CT_μPSC—CTC, CH_μ C, PsPiPs, C%₀₀Ps PiCT_μP_μPiP°CT_μP°C, Pē PSP°PiP_μCT_μCTC, C_μPSPePē
PjPsP_μCrC, CH_μ CT_μP_μPSC_μPēP±C—P»C—P·CrPiP°C, Pē PjC—PsPeP°CT_μPr PrPs PrC—C—
CT_μPēPjPiP°C, PsPjC—PjP_μC, PēC†PSPēC... PiCT_μP_μPiP°CT_μP°C, C—PI. PŸC, P°PSPē, PePsP»Pē
P·P°CTC, PsCT_μPsPICrCT_μC, CH_μCT_μC†C— PiCT_μP_μPiP°CT_μP°C, Pē, C”
PiCT_μPsC, PēPiPsPeP°P·P°PSPSC_μPj PrP»C_μ PrP°PSPsPiPs P»C—PeP°CT_μCT_μCH_μPePsPiPs
P·P°CT_μPsP±Cr.

P_μPSC—P»P_μC,, CT_μPēPS PjPsP_μP_μ PiPsCT_μPēP»CT_μPiP°C, Pē PiPiP»PēPi C—PSC€PēC...
CT_μPēPjPiP°C, PsPjC—PjP_μC, PēC†PSPēC... P°PjC—PSC—PI (PrP_μPePsPSPiP_μCTC, P°PSC, C—PI) PSP°
CT_μP_μCT_μC†P_μPIPs—CT_μCrPrPēPSPSCr CT_μPēCTC, P_μPjCr (P·PsPeCT_μP_μPjP°
CT_μCrPrPēPSPsP·PICrP_μCrPiP°P»CH_μPSCr PrC—CT_μ).

P_hPrPSPsC†P°CT_μPSP_μ P·P°CTC, PsCT_μCrPiP°PSPSC_μ P·
PiP°P»PsPiP_μPSC—P·PsPiP°PSPēPjPē P°PSP_μCTC, P_μC, PēPeP°PjPē, C, P°PePēPjPē C_μPe
C...P»PsCT_μPsC,, PsCT_μPj, C†PēPeP»PsPiCT_μPsPiP°PS, PiP°P»PsPjP°PS, P_μPSC,, P»CrCT_μP°PS P°P±Ps
C—P·PsC,, P»CrCT_μP°PS, PjPsP_μP_μ CT_μPiCT_μPēC†PēPSPēC, Pē P°P±Ps
PiPsPiC—CT_μC€PēC, Pē C€P»CrPSPsC†PePsPICr P°CT_μPēC, PjC—CT_μ.

P»C—PeP°CT_μCT_μCH_μPePēPN_μ P·P°CTC—P± PjPsP_μP_μ PiPiP»PēPiP°C, Pē PSP° CT_μP_μP·CrP»CH_μC, P°C, Pē
P»P°P±PsCT_μP°C, PsCT_μPSPēC... PrPsCT_μP»C—PrP_μP_μPSC_μ C%₀₀PsPrPs PiPjC—CTC, Cr PI PeCT_μPsPIC—
PiP»CT_μPePsP·Pē C, P° CT_μP_μC†PsPiPsC— PePēCTP»PsC, Pē.

P”PiP°PN_μC,, P_μPSP_μP·PēPS PiPsCT_μPēP»CT_μC” PrC—CT_μ CT_μP_μPrP°C, PēPiPSPēC... P·P°CT_μPsP±C—PI
C, P° PjC—PsCT_μP_μP»P°PeCT_μP°PSC, C—PI.

P_μPSC—P»P_μC,, CT_μPēPSCr PiC—PrCT_μPsC...P»PsCT_μPēPr PSP_μ CT_μP»C—Pr
P·P°CTC, PsCT_μPsPICrPiP°C, Pē P· α-P±P»PsPeP°C, PsCT_μP°PjPē, C—PSC€PēPjPē
P°PSC, PēPiC—PiP_μCT_μC, P_μPSP·PēPiPSPēPjPē P·P°CT_μPsP±P°PjPē,

C,,PμPSPsC,C-P°P·PëPSPsPIPëPjPë PïPsC...C-PrPSPëPjPë (PSP°PïCḡPëPëP»P°Pr
PïCḡPsPjPμC,P°P·PëPSPsPj), PïCḡP°PSPμC,PëPrPëPSPsPj, PjPμC,PëP»PrPsPïPsCḡ,
PïP»CḡPePsPePsCḡC,PëPePsCḡC,PμCḡPsC—PrP°PjPë, C,CḡPëC†PëPeP»C-C†PSPëPjPë
P°PSC,PëPrPμPïCḡPμCḡP°PSC,P°PjPë; PïCḡPμPïP°CḡP°C,P°PjPë, C%Ps PIPïP»PëPIP°CḡC,CH
PSP° P°PïPμC,PëC,, P°PjC,,PμC,P°PjC-PSPsPïPsPrC-P±PSPëPjPë
PïCḡPëC...PsCḡC,PëPjCḡP»CḡC,PsCḡP°PjPë, P°P»PeP°P»PsC—PrP°PjPë CḡC-PḡPeC-PI;
C-PSCëPëPjPë PïCḡPμPïP°CḡP°C,P°PjPë, C%Ps CḡC,PëPjCḡP»CḡCḡC,CH
C†PμPSC,CḡP°P»CHPSCḡ PSPμCḡPIPSPICḡ CḡPëCḡC,PμPjCḡ, C,PμPsC,,C-P»C-PSPsPj. PkPμ
CḡP»C-Pr P·P°CḡC,PsCḡPsPICḡPIP°C,Pë CḡP°P·PsPj P· C-PSCëPëPjPë
CḡCḡPrPëPSPsP·PICḡPḡCḡPIP°P»CHPSPëPjPë P·P°CḡPsP±P°PjPë (PïCḡPë P±CḡPrCḡ-CḡPePsPjCḡ
CëP»CḡC...Cḡ PIPIPμPrPμPSPSCḡ PsCḡC,P°PSPSC-C...). PhPrPSPsC†P°CḡPSPëPNḡ PïCḡPëPNḡPsPj
C,,PμPSC-P»PμC,,CḡPëPSCḡ C,P° C-PSCëPëC... CḡPëPjPïP°C,PsPjC-PjPμC,PëPeC-PI PjPsPḡPμ
PïCḡPëP·PIPμCḡC,Pë PrPs PrPsPrP°C,PePsPIPSC— CḡC,PëPjCḡP»CḡC†C-C—
C†PμPSC,CḡP°P»CHPSPsC— PSPμCḡPIPSPSC— CḡPëCḡC,PμPjPë PrPs
PSP°PrP·PIPëC†P°PNḡPSPs PIPëCḡPsPePsPïPs CḡC-PIPSCḡ, C%Ps
CḡCḡPïCḡPsPIPSPPrPḡCḡC,CḡCḡCḡCḡ PSPμCḡPIPSP·PSC-CḡC,Cḡ,
PrCḡP°C,C-PIP»PëPIC-CḡC,Cḡ, P±PμP·CḡPsPSPSCḡPj. PÿP°PePsPḡ C-PjPsPIC-CḡPSC-
PSP°PïP°PrPë CḡCḡPrPsPj.

PαPμPSC-P»PμC,,CḡPëPS PjPsPḡPμ CḡPïCḡPëC†PëPSCḡC,Pë CḡPsP·PIPëC,PsPe
PïC-PïPμCḡC,PsPSC-C†PSPsPïPs PeCḡPëP·Cḡ P°P±Ps P°CḡPëC,PjC-C— PïCḡPë
PsPrPSPsC†P°CḡPSPsPjCḡ P·P°CḡC,PsCḡCḡPIP°PSPSC- P· C-PSCëPëPjPë
P°PrCḡPμPSPsPjC-PjPμC,PëPeP°PjPë P°P±Ps C-PSPiC-P±C-C,PsCḡP°PjPë MAO,
CḡPïCḡPëC†PëPSPëC,Pë C,CḡPḡPeCḡ P°CḡC,PμCḡC-P°P»CHPSCḡ PïC-PïPμCḡC,PμPSP·C-Cḡ
PïCḡPë PïPsC”PrPSP°PSPSC- P· C-PSPrPsPjPμC,P°C†PëPSPsPj C,P°
P±CḡPsPjPsPeCḡPëPïC,PëPSPsPj. PhPrPSPsC†P°CḡPSPëPNḡ PïCḡPëPNḡPsPj
C,,PμPSC-P»PμC,,CḡPëPSCḡ P· β-P±P»PsPeP°C,PsCḡP°PjPë PjPsPḡPμ PïCḡPëP·PIPμCḡC,Pë PrPs
P°CḡC,PμCḡC-P°P»CHPSPsC— PïC-PïPμCḡC,PμPSP·C-C— C,P° PSP°PrPjC-CḡPSPsC—
P±CḡP°PrPëPeP°CḡPrC-C— P· PjPsPḡP»PëPIPSCḡ CḡPμCḡC†PμPIPSCḡ P±P»PsPeP°PrPsCḡ.
PÿP»C-Pr P· PsP±PμCḡPμPḡPSC-CḡC,Cḡ P·P°CḡC,PsCḡPsPICḡPIP°C,Pë P· PïPsCḡPjPsPSP°PjPë
C%PëC,PsPIPëPrPSPsC— P·P°P»PsP·Pë, PïCḡPμPïP°CḡP°C,P°PjPë, C%Ps PIPïP»PëPIP°CḡC,CH
PSP° CḡPμCḡC†PμPICḡ PïCḡPsPIC-PrPSC-CḡC,Cḡ (CḡPμCḡC†PμPIC- PïP»C-PePsP·PëPrPë,
P°PSC,PëP°CḡPëC,PjC-C†PSC- PïCḡPμPïP°CḡP°C,Pë).

PμCḡPë PsPrPSPsC†P°CḡPSPsPjCḡ P·P°CḡC,PsCḡCḡPIP°PSPSC- P· PïCḡPμPïP°CḡP°C,P°PjPë,
C%Ps P·CḡPjPsPIP»CḡCḡC,CH PIPëPIPμPrPμPSPSCḡ PeP°P»C-Cḡ, PSP°PïCḡPëPeP»P°Pr P·
PrPμCḡPePëPjPë PrC-CḡCḡPμC,PëPeP°PjPë C,PëPïCḡ C,,CḡCḡPsCḡPμPjC-PrCḡ, PjPsPḡP»PëPIPμ
PïPsCḡPëP»PμPSPSCḡ PïC-PïPsPeP°P»C-C”PjC-C— C,P° P·PjPμPSCëPμPSPSCḡ
P°CḡC,PμCḡC-P°P»CHPSPsC— C†CḡC,P»PëPIPSCḡC,C- PrPs PIP°P·PsPïCḡPμCḡPsCḡPSPëC...
PïCḡPμPïP°CḡP°C,C-PI.

PḡPsPḡP»PëPIPμ P·PSP°C†PSPμ PïC-PrPIPëC%PμPSPSCḡ P°CḡC,PμCḡC-P°P»CHPSPsPïPs
C,PëCḡPeCḡ PïCḡPë PsPrPSPsC†P°CḡPSPsPjCḡ PIPSCḡC,CḡC-CëPSCḡPsPIPμPSPSPsPjCḡ
PIPIPμPrPμPSPSC- P°P»PeP°P»PsC—PrC-PI CḡC-PḡPeC-PI. PμCḡPë CḡCḡPjC-CḡPSPsPjCḡ
P·P°CḡC,PsCḡCḡPIP°PSPSC- C,,PμPSC-P»PμC,,CḡPëPSCḡ C,P° P°P»PeP°P»PsC—PrC-PI
CḡC-PḡPeC-PI PïC-PrPIPëC%CḡC”C,CḡCḡCḡCḡ CḡPëP·PëPe CḡPsP·PIPëC,PeCḡ
PμCḡPïPsC,PëP·PjCḡ. PhP»PeP°P»PsC—PrPë CḡP°CḡPIPSP»CHC,,C-C— P·PjPμPSCëCḡCḡC,CH
C,PμCḡP°PïPμPIC,PëC†PSPëPNḡ PμC,,PμPeC, C,,PμPSC-P»PμC,,CḡPëPSCḡ. PhC,CḡPsPïC-PSCḡ
CḡCḡP»CHC,,P°C, P±P»PsPeCḡC” CḡPμC,,P»PμPeC,PsCḡPSCḡ P±CḡP°PrPëPeP°CḡPrC-Cḡ,
CḡPïCḡPëC†PëPSPμPSCḡ C,,PμPSC-P»PμC,,CḡPëPSPsPj, C,P° P·P±C-P»CHCëCḡC”
PIP°P·PsPïCḡPμCḡPsCḡPSCḡ PIC-PrPïPsPIC-PrCḡ PSP° C,,PμPSC-P»PμC,,CḡPëPS.

РҮР»С-Рr P±CfC,Pe PsP±PμCҗPμP¶PSPëPjPë PïCҗPë PsPrPSPSc±P°CfPSPsPjCf
P·P°CfC,PsCfCfPIP°PSPSC- PïP°CҗP°C†PμC,P°PjPsP»Cf P· C„P»CfPeP»PsPeCfP°C†PëP»C-PSPsPj,
PsCfPeC-P»CHPePë PsPrPSPSc±P°CfPSPëP№ PïCҗPëP№PsPj P°CfPSc†C-CHC”C,CHCfCf P·
PjPμC,P°P±PsP»C-C†PSPëPj P°C†PëPrPsP·PsPj P· PIPëCfPsPePëPj P°PSC-PsPSPSPëPj
PrPμC„C-C†PëC,PsPj CfPe PSP°CfP»C-PrPsPe PïC-CҗPsPiP»CfC,P°PjC-PSPsPIPsPiPs
P°C†PëPrPsP·Cf, PsCfPsP±P»PëPIPs Cf PïP°C†C-C”PSC,C-PI P· C„P°PeC,PsCҗP°PjPë
CҗPëP·PëPeCf (PrPëPI. CҗPsP·PrC-P» B«PhCfPsP±P»PëPIPsCfC,C-
P·P°CfC,PsCfCfPIP°PSPSCfB»).

PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCf.

РќPμ CҗPμPePsPjPμPSPrCfC”C,CHCfCf C,CҗPëPIP°P»Pμ P·P°CfC,PsCfCfPIP°PSPSCf
P»C-PeP°CҗCfCHPePsPiPs P·P°CfPsP±Cf.

PïPeC%Ps PiPsP»PsPIPSPëP№ P±C-P»CH CfC,P°C” PïPsCfC,C-P№PSPëPj, CfP»C-Pr
P·PIPμCҗPSCfC,PëCfCf PrPs P»C-PeP°CҗCf.

PμP°C†C-C”PSC,P°Pj, CfPeC- PïCҗPëP№PjP°CHC,CH P°PSP°P»CHPiPμC,PëPePë PePsP¶PμPS
PrPμPSCҗ PïCҗPë P°CҗC,CҗPëC,P°C... P»PμPiPePsC— C„PsCҗPjPë, PSPμPsP±C...C-PrPSPs
PïCҗPsPePsPSCfCfP»CHC,CfPIP°C,PëCfCf P· P»C-PeP°CҗPμPj.

PJ P·PIBҗ™ CfP·PeCf P· CҗPëP·PëPePsPj PïPμCҗPμPrPsP·CfPIP°PSPSCf PSPμ
P·P°CfC,PsCfPsPICfPIP°C,Pë PïCҗPμPïP°CҗP°C, PsPrPSPSc±P°CfPSPs P· C-PSCëPëPjPë
PïCҗPsC,PëP·P°CfC,CfPrPSPëPjPë, PïCҗPsC,PëPSP°P±CҗCfPePsPIPëPjPë C,P°
PïP°CҗP°C†PμC,P°PjPsP»PsPIPjC-CfPSPëPjPë PïCҗPμPïP°CҗP°C,P°PjPë. PμPμCҗPμPr
PïPsC±P°C,PePsPj P»C-PeCfPIP°PSPSCf, CfP»C-Pr PïPμCҗPμCfPIC-PrC†PëC,PëCfCH, C%Ps
PïCҗPμPïP°CҗP°C,Pë, PrPs CfPeP»P°PrCf CfPePëC... PIC...PsPrCfC,CH
CfPëPjPïP°C,PsPjC-PjPμC,PëPePë PSPμ P·P°CfC,PsCfPsPICfCHC,CHCfCf PsPrPSPSc±P°CfPSPs
PeC-P»CHPePsPjP° CëP»CfC...P°PjPë, C,PsP±C,Ps PïPμCҗPsCҗP°P»CHPSPs C- PjC-CfC†PμPIPs
(PïCҗPμPïP°CҗP°C,Pë PrP»Cf PSPScfP°, PICfC... C,P° PsC±PμP№).

PμCҗPμPïP°CҗP°C, CҗPμPePsPjPμPSPrCfC”C,CHCfCf P·P°CfC,PsCfPsPICfPIP°C,Pë P·P°
PSP°CfPIPSPScfC,C- CfCfC-C... CfPëPjPïC,PsPjC-PI (P±C-P»CH C,P°/P°P±Ps
C,PμPjPïPμCҗP°C,CfCҗP°, P·P°PeP»P°PrPμPSC-CfC,CH PSPScfP° C,P° PïCҗCfPrPSPëP№
PeP°CëPμP»CH).

РќPμ PïCҗPëP№PjP°C,Pë CҗP°P·PsPj P· P°P»PePsPiPsP»PμPj. P PëP·PëPe
PiPμPïP°C,PsC,PsPeCfPëC±PSPScfC,C- PïC-PrPIPëC%CfC”C,CHCfCf Cf PïP°C†C-C”PSC,C-PI P·
P°P»PePsPiPsP»CHPSPëPj CfCҗP°P¶PμPSPSCfPj PïPμC†C-PSPePë C,P° Cf PïP°C†C-C”PSC,C-PI,
CfPeC- P·P»PsPIP¶PëPIP°CHC,CH P°P»PePsPiPsP»PμPj.

РќPμPsP±C...C-PrPSPs PïPsCҗP°PrPëC,PëCfCf P· P»C-PeP°CҗPμPj CfC,PsCfPsPIPSPs
PjPsP¶P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCf P»C-PeP°CҗCfCHPePsPiPs P·P°CfPsP±Cf
PïP°C†C-C”PSC,P°Pj P· PïPμCҗCfPëCfC,CfPIP°P»CHPSPëPj P°P±Ps C...CҗPsPSC-C†PSPëPj
PeP°CëP»PμPj (CfPePëP№ P·CfPjPsPIP»PμPSPëP№ C,CHC,CHPSPsPïP°P»C-PSPSCfPj,
P°CfC,PjPsCH, C...CҗPsPSC-C†PSPëPj P±CҗPsPSC...C-C,PsPj P°P±Ps PμPjC„C-P·PμPjPsCH).

PμCҗPμPïP°CҗP°C, CfP»C-Pr P· PsP±PμCҗPμP¶PSC-CfC,CH PIPëPePsCҗPëCfC,PsPICfPIP°C,Pë
Cf C,P°PePëC... PIPëPïP°PrPeP°C...: PïPsCҗCfCëPμPSPSCf PSPëCҗPePsPIPsC—
C„CfPSPeC†C-C—; PjC-P°CfC,PμPSC-Cf PïCҗP°PIC-Cf; Cf PePsPjP±C-PSP°C†C-C— P·
PïCҗPsC,PëPeP°CëP»CHPsPIPëPjPë P·P°CfPsP±P°PjPë (Cf CfPeP»P°PrC- PjC-CfC,PëC,CHCfCf

PiPIP°PNεC,,PμPSPμP·PëPS). PhCÍPeC-P»CHPePë P»C-PeP°CḡCÍCHPePëPNε P·P°CÍC-P±
PjC-CÍC,PëC,CH PiP°CḡP°C†PμC,P°PjPsP», PNεPsPiPs CÍP»C-Pr P· PsP±PμCḡPμP¶PSC-CÍC,CH
P·P°CÍC,PsCÍPsPIC†PIP°C,Pë PiP°C†C-C''PSC,P°Pj, C¶PeC- PiCḡPëPNεPjP°CḡC,CH
PiPμPiP°C,PsC,PsPeCÍPëC†PSC- P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë, PiCḡPμPiP°CḡP°C,Pë
PSP°PiPμCḡCÍC,C¶PSPePë, PjPμC,PëP»PrPsPiC† P°P±Ps C-PSCεC-
P°PSC,PëPiC-PiPμCḡC,PμPSP·PëPIPSC- P»C-PeP°CḡCÍCHPeC- P·P°CÍPsP±Pë;
PiP°C†C-C''PSC,P°Pj, C¶PeC- C...CḡPsPSC-C†PSPs PSPμPrPsC—PrP°CḡC,CH (PSPëP·CHPePëPNε
CḡC-PIPμPSCḡ PiP»C†C,P°C,C-PsPSC†), PiP°C†C-C''PSC,P°Pj P· C,,PμPSPsPjPμPSPsPj
P PμPNεPSPs, PiCḡP°PSC†P»PsC†PëC,PsPiPμPSC-C''Cḡ, P· PIP°P¶PePsCḡ
PiPμPjPsP»C-C,PëC†PSPsCḡ P°PSPμPjC-C''Cḡ, P· PiPsCÍC,CḡPëPjPë CεP»C†PSPePsPIPs-
PePëCεPePsPIPëPjPë CḡPsP·P»P°PrP°PjPë.

P— PsP±PμCḡPμP¶PSC-CÍC,CH P·P°CÍC,PsCÍPsPIC†PIP°C,Pë PiP°C†C-C''PSC,P°Pj C-P·
PiC-PiPμCḡC,CḡPsC,,C-C''Cḡ PiPμCḡPμPrPjC-C...C†CḡPsPIPsC— P·P°P»PsP·Pë (C†PμCḡPμP·
PjPsP¶P»PëPIC-CÍC,CH P·P°C,CḡPëPjPePë CÍPμC†C-).

PŸP°C...P°CḡPsP·P°

P»C-PeP°CḡCÍCHPePëPNε P·P°CÍC-P± PjC-CÍC,PëC,CH CÍP°C...P°CḡPsP·C†.
PμP°C†C-C''PSC,P°Pj C-P· CḡC-PrPeC-CÍPSPsCḡ CÍPiP°PrPePsPIPsCḡ
PSPμPiPμCḡPμPSPsCÍPëPjC-CÍC,CH C,,CḡC†PeC,PsP·Pë, CÍPëPSPrCḡPsPjPsPj
PjP°P»CHP°P±CÍPsCḡP±C†C-C— PiP»CḡPePsP·Pë-PiP°P»P°PeC,PsP·Pë P°P±Ps
PrPμC,,C-C†PëC,PsPj CÍP°C...P°CḡP°P·Pë-C-P·PsPjP°P»CHC,P°P·Pë PSPμ CÍP»C-Pr
PiCḡPëPNεPjP°C,Pë C†PμPNε PiCḡPμPiP°CḡP°C,.

PḡP°C,CḡC-PNε

P»C-PeP°CḡCÍCHPePëPNε P·P°CÍC-P± PjC-CÍC,PëC,CH 157 PjPi PSP°C,CḡC-CH PSP° 1
PrPsP·C†. PiPμ PSPμPsP±C...C-PrPSPs PICḡP°C...PsPIC†PIP°C,Pë PiP°C†C-C''PSC,P°Pj,
C¶PeC- PrPsC,CḡPëPjC†CḡC,CHCÍC¶ PrC-C''C,Pë P· PePsPSC,CḡPsP»PμPj
PSP°C,CḡC-CH.

PḡCÍPiP°CḡC,P°Pj

P»C-PeP°CḡCÍCHPePëPNε P·P°CÍC-P± PjC-CÍC,PëC,CH P°CÍPiP°CḡC,P°Pj (P· 951) –
PrP¶PμCḡPμP»Ps C,,PμPSC-P»P°P»P°PSC-PSC†. PhPsP¶Pμ P±C†C,Pë CεPeC-PrP»PëPIPëPj
PrP»C¶ P»CḡPrPμPNε P· C,,PμPSC-P»PePμC,PsPSC†CḡC-C''Cḡ.

PμPsPIC-PrPsPjP»C¶P»PsCÍC¶ PiCḡPs PiPëPiP°PrPePë PjPμC,P°P±PsP»C-C†PSPsPiPs
P°C†PëPrPsP·C† P· PIPëCÍPsPePëPj P°PSC-PsPSPSPëPj PiCḡPsPjC-P¶PePsPj (HAGMA) C¶Pe
PSP°CÍP»C-PrPsPe PiC-CḡPsPiP»C†C,P°PjC-PSPsPIPsPiPs P°C†PëPrPsP·C† C†
PiP°C†C-C''PSC,C-PI P· C,C¶P¶PePëPjPë P·P°C...PIPsCḡCḡPIP°PSPSC¶PjPë, C,P°PePëPjPë
C¶Pe C,C¶P¶PeP° PSPëCḡPePsPIP° PSPμPrPsCÍC,P°C,PSC-CÍC,CH C,P° CÍPμPiCÍPëCÍ, P°P±Ps
C† PiP°C†C-C''PSC,C-PI P· PSPμPrPsCÍC,P°C,PSC-Pj C...P°CḡC†C†PIP°PSPSC¶Pj C†Pë
C-PSCεPëPjPë PrP¶PμCḡPμP»P°PjPë PrPμC,,C-C†PëC,C† PiP»C†C,P°C,C-PsPSC†
(PSP°PiCḡPëPeP»P°Pr, PiCḡPë C...CḡPsPSC-C†PSPsPjC† P°P»PePsPiPsP»C-P·PjC-), C¶PeC-
P»C-PeC†PIP°P»PëCÍC¶ PiP°CḡP°C†PμC,P°PjPsP»PsPj C† C,PμCḡP°PiPμPIC,PëC†PSC-PNε
PrPsP·C- PiCḡPsC,C¶PiPsPj C,CḡPëPIP°P»PsPiPs PiPμCḡC-PsPrC† P°P±Ps
PePsPjP±C-PSP°C†C-C''Cḡ PiP°CḡP°C†PμC,P°PjPsP»C† C,P° C,,P»C†PeP»PsPeCÍP°C†PëP»C-PSC†.
PiPeC%Ps C'' PiC-PrPsP·CḡP° PSP° HAGMA C¶Pe PSP°CÍP»C-PrPsPe
PiC-CḡPsPiP»C†C,P°PjC-PSPsPIPsPiPs P°C†PëPrPsP·C† CḡPμPePsPjPμPSPrC†C''C,CHCÍC¶
PSPμPiP°PNεPSPs PiCḡPëPiPëPSPëC,Pë P·P°CÍC,PsCÍC†PIP°PSPSC¶ PiP°CḡP°C†PμC,P°PjPsP»C†

C,P° PīCḡPsPIPsPrPëC,Pë CḡPμC,PμP»CHḡPSPëPNḡ PjPsPSC-C,PSCḡPëPSPi.
P'PëPjC-CḡCḡPIP°PSPSCḡ CḡC-PIPSCḡ 5-PsPeCḡPsPīCḡPsP»C-PSCḡ PI CḡPμCḡC- PjPsPḡPμ
P±CḡC,Pë PePsCḡPëCḡPSPëPj PrP»Cḡ C-PrPμPSC,PëC,,C-PeP°CḡC-C—
PīC-CḡPsPiP»CḡC,P°PjC-PSPsPIPsPiPs P°CḡPëPrPsP·Cḡ CḡPe PsCḡPSPsPIPsPSC—
PīCḡPëCḡPëPSPë HAGMA Cḡ PīP°CḡC-C”PSC,C-PI P· PjPSPsPḡPëPSPSPëPjPë C,,P°PeC,PSCḡP°PjPë
CḡPëP·PëPeCḡ.

***P—P°CḡC,PsCḡCḡPIP°PSPSCḡ Cḡ PīPμCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P°P±Ps
PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡ.***

P—P°CḡC,PsCḡCḡPIP°PSPSCḡ P»C-PeP°CḡCḡCHḡPePsPiPs P·P°CḡPsP±Cḡ PSPμ
CḡPμPePsPjPμPSPPrCḡC”C,CHḡCḡCḡ Cḡ PīPμCḡC-PsPr PIP°PiC-C,PSPsCḡC,C- P°P±Ps
PiPsPrCḡPIP°PSPSCḡ PiCḡCḡPrPrCḡ CḡPμCḡPμP· PSPμPrPsCḡC,P°C,PSC-CḡC,CHḡ PrP°PSPëC...
C%PsPrPs P±PμP·PīPμCḡPSPsCḡC,C- PNḡPsPiPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ.

***P—PrP°C,PSC-CḡC,CHḡ PIPiP»PëPIP°C,Pë PSP° CḡPIPëPrPeC-CḡC,CHḡ CḡPμP°PeCḡC-C—
PīCḡPë PePμCḡCḡPIP°PSPSC- P°PIC,PsC,CḡP°PSCḡPīPsCḡC,PsPj P°P±Ps C-PSCḡPëPjPë
PjPμC...P°PSC-P·PjP°PjPë.***

P>C-PeP°CḡCḡCHḡPePëPNḡ P·P°CḡC-P± PSPμP·PSP°CḡPSPs PIPiP»PëPIP°C” PSP°
CḡPIPëPrPeC-CḡC,CHḡ CḡPμP°PeCḡC-C—, C%Ps CḡP»C-Pr PICḡP°C...PsPICḡPIP°C,Pë PīCḡPë
PePμCḡCḡPIP°PSPSC- P°PIC,PsC,CḡP°PSCḡPīPsCḡC,PsPj C,P° CḡPsP±PsC,C- P· C-PSCḡPëPjPë
PjPμC...P°PSC-P·PjP°PjPë.

PŸPīPsCḡC-P± P·P°CḡC,PsCḡCḡPIP°PSPSCḡ C,P° PrPsP·Pë.

P”P»Cḡ PIPSCḡC,CḡC-CḡPSCḡPsPiPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ.

P PsP·CḡPëPSPëC,Pë PIPjC-CḡC, 1 CḡP°CḡPμ PI CḡC,P°PSPPrP°CḡC,PSC-PNḡ CḡP°CḡCḡC- (250
PjP») PīP°CḡCḡCḡPsC—, P°P»Pμ PSPμ PePëPīP»CḡCḡPsC— PIPsPrPë. P’PḡPëPIP°C,Pë PI
C,PμPīP»PsPjCḡ PIPëPīP»CḡPrC—.

***P”PsCḡPsCḡP»PëPj, P»CHPrCḡPj P»C-C,PSCḡPsPiPs PIC-PeCḡ C,P° PrC-C,CḡPj PIC-PePsPj
PIC-Pr 12 CḡPsPeC-PI: 1 CḡP°CḡPμ.***

PμPsPIC,PsCḡCḡPIP°C,Pë Cḡ CḡP°P·C- PSPμPsP±C...C-PrPSPsCḡC,C- PePsPḡPSC- 4Bḡ“6
PiPsPrPëPS, P°P»Pμ PSPμ P±C-P»CHḡCḡPμ CḡPsC,PëCḡCHḡPsC... PrPsP· (4 CḡP°CḡPμ) PSP°
PrPsP±Cḡ; C-PSC,PμCḡPIP°P» PjC-Pḡ PīCḡPëPNḡPsPjP°PjPë CḡC,P°PSPsPIPëC,CHḡ PSPμ
PjPμPSCḡPμ 4 PiPsPrPëPS. PḡPμ PīPμCḡPμPIPëC%ḡCḡPIP°C,Pë CḡPμPePsPjPμPSPPrPsPIP°PSC-
PrPsP·Pë, PsCḡPsP±P»PëPIPs Cḡ PīP°CḡC-C”PSC,C-PI P· PīC-PrPIPëC%ḡPμPSPëPj
P·PiPsCḡC,P°PSPSCḡPj PeCḡPsPIC—.

PŸCḡPëPIP°P»C-CḡC,CHḡ P»C-PeCḡPIP°PSPSCḡ PIPëP·PSP°CḡP°C” P»C-PeP°Cḡ. PḡPμ
P·P°CḡC,PsCḡPsPICḡPIP°C,Pë PīCḡPμPīP°CḡP°C, PrPsPICḡPμ 3 PrPSC-PI P±PμP·
PePsPSCḡCḡP»CHḡC,P°CḡC-C— P»C-PeP°CḡCḡ. PīPeC%ḡPs CḡPëPjPīC,PsPjPë

PŸPëPjPiC,PsPjP°PjPë PiPµCḡPµPrPsP·CfPIP°PSPSCḡ PiCḡPë P·P°CfC,PsCfCfPIP°PSPSC-
 PiP°CḡP°C†PµC,P°PjPsP»Cf PiCḡPsC,CḡPiPsPj PiPµCḡC€PëC... 24 PiPsPrPëPS C”
 P±P»C-PrC-CfC,Ch, PSCfPrPsC,P°, P±P»CḡPIP°PSPSCḡ, P°PSPsCḡPµPeCfC-Cḡ C,P°
 P°P±PrPsPjC-PSP°P»ChPSPëPñ P±C-P»Ch. PjCḡP°P¶PµPSPSCḡ PiPµC†C-PSPePë PjPsP¶Pµ
 PSP°CfC,P°C,Pë C†PµCḡPµP· 12Бḡ“72 PiPsPrPëPS PiC-CfP»Cḡ PiCḡPëPñPsPjCf. PñPsP¶CfC,Ch
 PjP°C,Pë PjC-CfC†Pµ PiPsCḡCfC€PuPSPSCḡ PjPµC,P°P±PsP»C-P·PjCf PiP»CḡPePsP·Pë C,P°

PjPμC,P°P±PsP»C-C‡PSPëPNë P°C‡PëPrPsP·. PμCḡPë C,CḡP¶¶PePsPjCṛ PsC,CḡCṛC”PSPSC-
PīPμC‡C-PSPePsPIP° PSPμPrPsCṛC,P°C,PSC-CṛC,CH PjPsP¶Pμ PīCḡPsPiCḡPμCṛCṛPIP°C,Pë PrPs
PμPSC‡PμC,,P°P»PsPīP°C,C-C—, PeCḡPsPIPsPIPëP»PëPICṛ, PiC-PīPsPiP»C-PePμPjC-C—,
PSP°P±CḡCḡPeCṛ PiPsP»PsPIPsPiPs PjPsP·PeCṛ C,P° P»PμC,P°P»CHPSPsPiPs
PSP°CṛP»C-PrPeCṛ. P”PsCṛC,CḡP° PSPëCḡPePsPIP° PSPμPrPsCṛC,P°C,PSC-CṛC,CH C-P·
PiPsCṛC,CḡPëPj C,CṛP±CṛP»CḡCḡPSPëPj PSPμPeCḡPsP·PsPj, PSP° CḡPeCṛ PIPeP°P·CṛC”
P±C-P»CH Cṛ PīPsPīPμCḡPμPeCṛ, PiPμPjP°C,CṛCḡC-Cḡ C,P° PīCḡPsC,PμC—PSCṛCḡC-Cḡ,
PjPsP¶Pμ CḡPsP·PIPëPSCṛC,PëCṛCḡ PSP°PIC-C,CH Cṛ CḡP°P·C- PIC-PrCṛCṛC,PSPsCṛC,C-
C,CḡP¶¶PePsPiPs PīPsCëPePsPrP¶PμPSPSCḡ PīPμC‡C-PSPePë. P’CṛP»Pë
PīPsPIC-PrPsPjP»PμPSPSCḡ PīCḡPs CṛPμCḡC‡PμPIC- P°CḡPëC,PjC-C— C,P°
PīP°PSPeCḡPμP°C,PëC,.

PμCḡPë C,CḡPëPIP°P»PsPjCṛ P·P°CṛC,PsCṛCṛPIP°PSPSC- PīCḡPμPīP°CḡP°C,Cṛ Cṛ
PIPμP»PëPePëC... PrPsP·P°C... P· P±PsPeCṛ PsCḡPiP°PSC-PI PeCḡPsPIPsC,PIPsCḡPμPSPSCḡ
PjPsP¶Pμ CḡPsP·PIPëPSCṛC,PëCṛCH P°PīP»P°CṛC,PëC‡PSP° P°PSPμPjC-Cḡ,
PīP°PSC‡PëC,PsPīPμPSC-Cḡ, P°PīCḡP°PSCṛP»PsC‡PëC,PsP·, PSPμPNëC,CḡPsPīPμPSC-Cḡ,
P»PμPNëPePsPīPμPSC-Cḡ, C,CḡPsPjP±PsC‡PëC,PsPīPμPSC-Cḡ. PμCḡPë PīCḡPëPNëPsPjC-
PIPμP»PëPePëC... PrPsP· P· P±PsPeCṛ C‡PμPSC,CḡP°P»CHPSPsC— PSPμCḡPIPsPIPsC—
CṛPëCṛC,PμPjPë – P·P°PīP°PjPsCḡPsC‡PμPSPSCḡ, PīCṛPëC...PsPjPsC,PsCḡPSPμ
P·P±CṛPrP¶PμPSPSCḡ C- PīPsCḡCṛCëPμPSPSCḡ PsCḡC-C”PSC,P°C‡C-C—; P· P±PsPeCṛ
CṛPμC‡PsPIPëPrC-P»CHPSPsC— CṛPëCṛC,PμPjPë – PSPμC,,CḡPsC,PsPeCṛPëC‡PSC-CṛC,CH
(PSPëCḡPePsPIP° PePsP»C-PeP°, C-PSC,PμCḡCṛC,PëC‡C-P°P»CHPSPëPNë PSPμC,,CḡPëC,,
PīP°PīC-P»CḡCḡPSPëPNë PSPμPeCḡPsP·).

P>C-PeCṛPIP°PSPSCḡ.

PμCḡPë P»C-PeCṛPIP°PSPSC- CṛC,P°PSC-PI PIC-Pr PīPμCḡPμPrPsP·CṛPIP°PSPSCḡ
PīP°CḡP°C‡PμC,P°PjPsP»Cṛ, PSPμP·PIP°P¶P°CḡC‡Pë PSP° PIC-PrCṛCṛC,PSC-CṛC,CH
C,CḡP¶¶PePëC... CḡP°PSPSC-C... CṛPëPjPīC,PsPjC-PI, PīP°C‡C-C”PSC,C-PI PSPμPsP±C...C-PrPSPs
PSPμPiP°PNëPSPs PiPsCṛPīC-C,P°P»C-P·CṛPIP°C,Pë PrP»Cḡ PSP°PrP°PSPSCḡ
PSPμPIC-PrPeP»P°PrPSPsC— PjPμPrPëC‡PSPsC— PrPsPīPsPjPsPiPë. PŸPëPjPīC,PsPjPë
PjPsP¶CṛC,CH P±CṛC,Pë PsP±PjPμP¶PμPSC- PSCṛPrPsC,PsCḡ P°P±Ps P±P»CḡPIP°PSPSCḡPj C-
PjPsP¶CṛC,CH PSPμ PIC-PrPsP±CḡP°P¶P°C,Pë C,CḡP¶¶PePsCṛC,C-
PīPμCḡPμPrPsP·CṛPIP°PSPSCḡ P°P±Ps PSPμP±PμP·PīPμPeCṛ CṛCḡP°P¶PμPSPSCḡ
PsCḡPiP°PSC-PI.

PŸP»C-Pr CḡPsP·PiP»CḡPSCṛC,Pë P»C-PeCṛPIP°PSPSCḡ P°PeC,PëPIPsPIP°PSPëPj
PICṛPiC-P»P»CḡPj, CḡPeC%Ps PSP°PrPjC-CḡPSP° PrPsP·P° PīP°CḡP°C‡PμC,P°PjPsP»Cṛ
P±CṛP»P° PīCḡPëPNëPSCḡC,P° Cṛ PjPμP¶P°C... 1 PiPsPrPëPSPë. PḡPsPSC‡PμPSC,CḡP°C‡C-Cḡ
PīP°CḡP°C‡PμC,P°PjPsP»Cṛ Cṛ PīP»P°P·PjC- PeCḡPsPIC- CṛP»C-Pr PIPëPjC-CḡCḡPIP°C,Pë
C‡PμCḡPμP· 4 PiPsPrPëPSPë P°P±Ps PīC-P·PSC-CëPμ PīC-CṛP»Cḡ PīCḡPëPNëPsPjCṛ
(P±C-P»CHCë CḡP°PSPSC- PePsPSC‡PμPSC,CḡP°C‡C-C— C” PSPμ PrPsCṛC,PsPIC-CḡPSPëPjPë).
P PμPePsPjPμPSPṛCṛC”,CHCṛCḡ PIPiPμPrPμPSPSCḡ PrPsPSP°C,PsCḡC-PI SH-PiCḡCṛPīPë C,P°
PīPsPīPμCḡPμPrPSPëPeC-PI CṛPëPSC,PμP·Cṛ PiP»CṛC,P°C,C-PsPSCṛ (C,P°PePëC... CḡPe
PjPμC,C-PsPSC-PS, N-P°C‡PμC,PëP»C‡PëCṛC,PμC—PS) PIPSCṛC,CḡC-CëPSCḡPsPIPμPSPSPs, PI
PrPsP·P°C..., C%Ps PIPëP·PSP°C‡P°CḡC,CHCṛCḡ P·P°P»PμP¶PSPs PIC-Pr
PePsPSC‡PμPSC,CḡP°C‡C-C— PīP°CḡP°C‡PμC,P°PjPsP»Cṛ PI PeCḡPsPIC-, P° C,P°PePsP¶ PIC-Pr
C‡P°CṛCṛ, CḡPePëPNë PīCḡPsPNëCëPsPI PīC-CṛP»Cḡ PNëPsPiPs PīCḡPëPNëPsPjCṛ.
P>C-PeCṛPIP°PSPSCḡ N-P°C‡PμC,PëP»C‡PëCṛC,PμC—PSPsPj PjPsP¶Pμ P±CṛC,Pë
P·P°CṛC,PsCṛPsPIP°PSPs PīCḡPsC,CḡPiPsPj 48 PiPsPrPëPS PīC-CṛP»Cḡ PīCḡPëPNëPsPjCṛ
PīP°CḡP°C‡PμC,P°PjPsP»Cṛ, P°P»Pμ PjP°PeCṛPëPjP°P»CHPSPëPNë P·P°C...PëCṛPSPëPNë
PμC,,PμPeC, PSP°CṛC,P°C” PīCḡPë PNëPsPiPs P·P°CṛC,PsCṛCṛPIP°PSPSC- PīCḡPsC,CḡPiPsPj

8 PiPsPrPëPS PiC-Cl'P»Cij PiCTjPëPNëPsPjCr. P•C,,PµPeC,PëPIPSC-Cl'C,CH P°PSC,PëPrPsC,Cl' CTjC-P•PePs P•PSPëP¶CrC"C,CHCl'Clj PiC-Cl'P»Cij C†CHbPsPiPs C‡P°Cl'Cr. PµCTjPë PSPµPsP±C...C-PrPSPsCl'C,C- PiP°C†C-C"PSC,Cl' PIPSCrC,CTjC-CëPSCbPsPIPµPSPSPs Cl'P»C-Pr PIPsPrPëC,Pë N-P°C†PµC,PëP»C†PëCl'C,PµC—PS, P•PiC-PrPSPs P•C- PICl'C,P°PSPsPIP»PµPSPëPj PiPµCTjPµP»C-PePsPj PrPsP•. PµCTjPë PIC-PrCl'CrC,PSPsCl'C,C- P±P»C†HIP°PSPSCl'j PjPsP¶PSP° P•P°Cl'C,PsCl'PsPICrPIP°C,Pë PjPµC,C-PsPSC-PS PiPµCTjPsCTjP°P»CHbPSPs CljPe PIC-PrPiPsPIC-PrPSCr P°P»CHbC,PµCTjPSP°C,PëPICr Cr PIC-PrPrP°P»PµPSPëC... CTjP°PNëPsPSP°C... PiPsP•P° P»C-PeP°CTjPSPµCTj.

PαPµPSC-P»PµC,,CTjPëPSCé PiC-PrCTjPsC...P»PsCTjPëPr.

PµCTjPë PiPµCTjPµPrPsP•CrPIP°PSPSC- PjPsP¶P»PëPIPµ PiPsCl'PëP»PµPSPSCl'j PiCTjPsCljPIC-PI PiPsP±C-C‡PSPëC... CTjPµP°PeC†C-PNë, PsCl'PsP±P»PëPIPs PiCTjPë C,CTjPëPIP°P»PsPjCr P•P°Cl'C,PsCl'CrPIP°PSPSC-. PhP•PSP°PePë C,CljP¶PePsPiPs PiPµCTjPµPrPsP•CrPIP°PSPSCl'j C,,PµPSC-P»PµC,,CTjPëPSCr PIPeP»CTjC‡P°CTjC,CHb: PrCTjP°C,C-PIP»PëPIC-Cl'C,CHb, P•P±CrPrP¶PµPSPSCl'j, C,CTjPµPjPsCTj, PiPsCTjCrCëPµPSPSCl'j Cl'PSCr, P•P°PSPµPiPsPePsC"PSPSCl'j, C,CTjPëPIPsPiCr, PSPµCTjPIPsP•PSC-Cl'C,CHb, PiPsP»PsPIPSPëPNë P±C-P»CHb, Cl'CrPrPsPjPë, PIC-PrC‡CrC,C,Clj Cl'PµCTjC†PµP±PëC,C,Clj, PiP°CTjPµCl'C,PµP•C-CTj, PSPµP°PrPµPePIP°C,PSCr PiPsPIPµPrC-PSPeCr, PiCl'PëC...PsP•Pë P• PiP°P»CTjC†PëPSP°C†C-CljPjPë, Cl'PiP»CrC,P°PSC-Cl'C,CHb Cl'PIC-PrPsPjPsCl'C,C-, Cl'P»P°P±PeC-Cl'C,CHb, P°PSPsCTjPµPeCl'C-CTj, PSCrPrPsC,Cl', P±P»C†HIP°PSPSCl'j, PsP»C-PiCrCTjC-CTj, P•P°C,CTjPëPjPeCr Cl'PµC‡PsPIPëPiCrCl'PeP°PSPSCl'j, P±PsP»CTjC‡Pµ P°P±Ps CrC,CTjCrPrPSPµPSPµ Cl'PµC‡PsPIPëPiCrCl'PeP°PSPSCl'j, PiPsC‡PµCTjPIPsPSC-PSPSCl'j PsP±P»PëC‡C‡Clj, PIC-PrC‡CrC,C,Clj C...PsP»PsPrCr Cr PeC-PSC†C-PIPeP°C..., PiC-PiPµCTjPiC-CTjPµPeCl'C-CTj, P±C-P»CHb C,P° PrPëCl'PePsPjC,,PsCTjC, Cr Cl'PµCTjC†C-, P•P°PrPëCëPeCr, PSPµPeP°CTjPrC-PsPiPµPSPSPëPNë PSP°P±CTjCljPe P»PµPiPµPSCb, PiC-PrPIPëC%PµPSPSCl'j P°CTjC,PµCTjC-P°P»CHbPSPsPiPs C,PëCl'PeCr C,P° P°Cl'PsC†C-PNëPsPIP°PSCr CTjPµC,,P»PµPeC,PsCTjPSCr P±CTjP°PrPëPeP°CTjPrC-CTj PNë P°CTjPëC,PjC-CTj, P±P»C-PrC-Cl'C,CHb CëPeC-CTjPë, PiC-P»PsPµCTjPµPeC†C-CTj, PiC-PrPIPëC%PµPSCr PiC-C,P»PëPIC-Cl'C,CHb, PiC-PiPµCTjPiP»C-PePµPjC-CTj, PiC-PiPsPeP°P»C-C"PjC-CTj, P•PICrP¶PµPSPSCl'j PiPµCTjPëC,,PµCTjPëC‡PSPëC... Cl'CrPrPëPS, P•PjPµPSCëPµPSPSCl'j PiCTjPëC,PsPeCr PeCTjPsPIC- PrPs P¶PëC,C,C"PIPs PIP°P¶P»PëPIPëC... PsCTjPiP°PSC-PI, C%Ps PjPsP¶Pµ PiCTjPëP•PIPµCl'C,Pë PrPs PiPsPiC-CTjCëPµPSPSCl'j PeCTjPsPIPsPiPsCl'C,P°C‡P°PSPSCl'j PSPëCTjPsPe, PjPµC,P°P±PsP»C-C‡PSPsPiPs P°C†PëPrPsP•Cr, P•CTjPsCl'C,P°PSPSCl'j PSP°PIP°PSC,P°P¶PµPSPSCl'j PSP° Cl'PµCTjC†Pµ PIPSP°Cl'P»C-PrPsPe P•P±C-P»CHbCëPµPSPSCl'j P•P°PiP°P»CHbPSPsPiPs PsPiPsCTjCr PiPµCTjPëC,,PµCTjPëC‡PSPëC... Cl'CrPrPëPS. PÿPëPjPiC,PsPjPë C,CljP¶PePsPiPs PiPµCTjPµPrPsP•CrPIP°PSPSCl'j PIPeP»CTjC‡P°CTjC,CHb C,CljP¶PeCr PiPµCTjPëC,,PµCTjPëC‡PSCr C,P° PIC-Cl'C†PµCTjP°P»CHbPSCr PIP°P•PsPePsPSCl'C,CTjPëPeC†C-CTj P• PeP°CTjPrC-PsPIP°Cl'PeCrP»CljCTjPSPëPj PePsP»P°PiCl'PsPj. PÿCljP¶PeC- PSP°Cl'P»C-PrPePë P•PICrP¶PµPSPSCl'j Cl'CrPrPëPS C‡P°Cl'C,C-CëPµ PjPsP¶P»PëPIC- Cr PiP°C†C-C"PSC,C-PI C-P• PiC-PiPsPIPsP»PµPjC-C"CTj PNë C,CljP¶PePsCTj P±CTjP°PrPëPeP°CTjPrC-C"CTj.

PÿPµCTjP°PiC-Clj PIPeP»CTjC‡P°C" CTjP°PSPSC" PiCTjPsPjPëPIP°PSPSCl'j CëP»CrPSPeP°, P° C,P°PePsP¶ Cl'PëPjPiC,PsPjP°C,PëC‡PSC- C,P° PiC-PrC,CTjPëPjCrPIP°P»CHbPSC- P•P°C...PsPrPë.

P"PIP°PNëC,,PµPSPµP•PëPS.

PµPµCTjPµPrPsP•CrPIP°PSPSCl'j PSPµPIPµP»PëPePëPjPë P°P±Ps PiPsPjC-CTjPSPëPjPë PrPsP•P°PjPë PjPsP¶Pµ Cl'PiCTjPëC‡PëPSPëC,Pë P•P°PiP°PjPsCTjPsC‡PµPSPSCl'j, CëP»CrPSPePsPIPs-PePëCëPePsPIC- CTjPsP•P»P°PrPë. P"CrP¶Pµ PIPëCl'PsPeC- PrPsP•Pë PjPsP¶Cl'Cr,CHb Cl'PiCTjPëC‡PëPSPëC,Pë C,P°PeC- Cl'PëPjPiC,PsPjPë CljPe P•P±CrPrP¶PµPSPSCl'j,

СГРiP»CfC,P°PSC-CfC,CH СГРiC-PrPsPjPsCfC,C- C,P° PïCтPëPiPSC-C†PµPSPSCi
PrPëC...P°PSPSCi

PµPsP±C-C†PSC- CтPµP°PeC†C-C—.

*P— P±PsPeCž C-PjCžPSPSPsC— CГPëCfC,PµPjPë: P°PSP°C,,C-P»P°PeCfC-Ci; CтPµP°PeC†C-C—
PiC-PiPµCтC†CfC,P»PëPiPsCfC,C-, PiPeP»CтC†P°CтC†Pë P°PSPiC-PsPSPµPiCтPsC,PëC†PSPëPNë
PSP°P±CтCiPe.*

*P PsP·P»P°PrPë P· P±PsPeCž CèPeC-CтPë C,P° PiC-PrCèPeC-CтPSPsC— PeP»C-C,PePsPiPëPSPë:
CтPµP°PeC†C-C— PiC-PiPµCтC†CfC,P»PëPiPsCfC,C-, PiPeP»CтC†P°CтC†Pë CèPeC-CтPSPëPNë
PiPëCfPëPi, CГPiPµCтP±C-P¶ C,P° PeCтPsPiPëPiBт™ CiPSPeCf, PjCfP»CHC,PëC,,PsCтPjPSP°
PµPeCfCfPrP°C,PëPiPSP° PµCтPëC,PµPjP°. P”CfP¶Pµ CтC-PrPePs
PiPsPIC-PrPsPjP»CiP»PsCfCH PïCтPs PiPëPiP°PrPePë PiP°P¶PePëC... CèPeC-CтPSPëC...
CтPµP°PeC†C-PNë (PiPeP»CтC†P°CтC†Pë CГPëPSPrCтPsPj PŸC,C-PiPµPSCfP° Bт”
P”P¶(PsPSCfPsPSP°), C,PsPeCfPëC†PSPëPNë PµPiC-PrPµCтPjP°P»CHPSPëPNë PSPµPeCтPsP»C-P·
(CГPëPSPrCтPsPj P»P°C”P»P°).*

*P— P±PsPeCž PeCтPsPiPsPSPsCfPSPsC— C,P° P»C-PjC,,P°C,PëC†PSPsC— CГPëCfC,PµPj:
P°PSPµPjC-Ci, CГCfP»CHC,,PiPµPjPsPiP»PsP±C-PSPµPjC-Ci C-
PjPµC,PiPµPjPsPiP»PsP±C-PSPµPjC-Ci (C†C-P°PSPsP·, P·P°PrPëCèPeP°, P±C-P»CH Cf
CГPµCтC†C-), PiPµPjPsP»C-C,PëC†PSP° P°PSPµPjC-Ci. PµCтPë C,CтPëPiP°P»PsPjCf
P·P°CfC,PsCfCfPiP°PSPSC- Cf PrPsP·P°C..., C%Ps PiPµCтPµPiPëC%CrCтC,CH
C,PµCтP°PiPµPIC,PëC†PSC-, CГPiPsCfC,PµCтC-PiP°P»P°CfCi P°PiP»P°CfC,PëC†PSP°
P°PSPµPjC-Ci, PiP°PSC†PëC,PsPiPµPSC-Ci, C,CтPsPjP±PsC†PëC,PsPiPµPSC-Ci, CiPeP°
PjPsP¶Pµ CГPiCтPëC†PëPSPëC,Pë PSPsCfPsPIC- PeCтPsPiPsC,PµC†C- C,P°/P°P±Ps
PeCтPsPiPsC,PsC†PëPIC-CfC,CH CiCfPµPS, CГPëPSC†C- C†Pë PeCтPsPiPsC,PµC†C-,
P»PµPNëPePsPiPµPSC-Ci, PSPµPNëC,CтPsPiPµPSC-Ci, P°PiCтP°PSCfP»PsC†PëC,PsP·.*

*P— P±PsPeCž PSPµCтPiPsPiPsC— CГPëCfC,PµPjPë (P·P°P·PiPëC†P°PNë
CтPsP·PiPëPiP°CтC,CHCfCi PiCтPë PiCтPëPNëPsPjC- PiPëCfPsPePëC... PrPsP·): CтC-PrPePs
P·P°PiP°PjPsCтPsC†PµPSPSCi, PiPsP»PsPiPSPëPNë P±C-P»CH, PiCГPëC...PsPjPsC,PsCтPSPµ
P·P±CfPrP¶PµPSPSCi, PiPsCтCfCèPµPSPSCi PsCтC-C”PSC,P°C†C-C—, PiPsCтCfCèPµPSPSCi
CГPIC-PrPsPjPsCfC,C-, P±PµP·CГPsPSPSCi, PSPµPiPiP°PjPsPiPSC-CfC,CH,
PSPµCтPiPsPIC-CfC,CH, C,CтPµPjPsCт, PrCтP°C,C-PiP»PëPIC-CfC,CH,
C,CтPëPiPsP¶PSC-CfC,CH.*

*P— P±PsPeCž PsCтPiP°PSC-PI P·PsCтCž: PjC-PrCтC-P°P·, CГPIC-C,P»PsP±PsCiP·PSCH,
PiPsCfC,CтP° P·P°PeCтPëC,PsPeCfC,PsPiP° PiP»P°CfPePsPjP°.*

*P— P±PsPeCž CГPµCтC†PµPiPs-CfCžPrPëPSPSPsC— CГPëCfC,PµPjPë: C,P°C...C-PeP°CтPrC-Ci,
P±CтP°PrPëPeP°CтPrC-Ci, P±C-P»CH Cf CГPµCтC†C-, P·P°PrPëCèPeP°,
PiC-PrPiPëC%PµPSPëPNë P°CтC,PµCтC-P°P»CHPSPëPNë C,PëCfPe, PIC-PrC†CfC,C,Ci
CГPµCтC†PµP±PëC,C,Ci, P°CтPëC,PjC-Ci.*

*P— P±PsPeCž C,CтP°PiPSPsC— CГPëCfC,PµPjPë: PIC-PrC†CfC,C,Ci
PrPëCfPePsPjC,,PsCтC,Cf Cf CèP»CfPSPePsPiPs-PePëCèPePsPiPsPjCf C,CтP°PeC,C-,
PSCfPrPsC,P°, P±P»CтPiP°PSPSCi, PrC-P°CтPµCi, PIC,CтP°C,P° P°PiPµC,PëC,Cf,
P±C-P»CH Pi PµPiC-PiP°CfC,CтC-C—, PiPsCfC,CтPëPNë PiP°PSPeCтPµP°C,PëC,.*

PμPsCḡCžC€PμPSPSCḡ PjPμC,P°P±PsP»C-P·PjCž C,P° C...P°CḡCžCžPIP°PSPSCḡ:
PjPμC,P°P±PsP»C-CžPSPëPNē P°C†PëPrPsP· P· PIPëCḡPsPePëPj P°PSC-PsPSPSPëPj
PiCḡPsPjC-P¶PePsPj (CžP°CḡC,PsC,P° PSPμPIC-PrPsPjP° (PSPμ PjPsP¶PSP° PsC†C-PSPëC,Pë P·P°
PSP°CḡPIPSPëPjPë PrP°PSPëPjPë)). P°PëPiP°PrPePë PjPμC,P°P±PsP»C-CžPSPsPiPs
P°C†PëPrPsP·Cḡ P· PIPëCḡPsPePëPj P°PSC-PsPSPSPëPj PiCḡPsPjC-P¶PePsPj CḡPe
PSP°CḡP»C-PrPsPe PiC-CḡPsPiP»CḡC,P°PjC-PSPsPiPsPiPs P°C†PëPrPsP·Cḡ
CḡPiPsCḡC,PμCḡC-PiP°P»PëCḡCḡ Cḡ PiP°C†C-C°PSC,C-PI P· C,,P°PeC,PsCḡP°PjPë CḡPëP·PëPeCḡ,
CḡPeC- P·P°CḡC,PsCḡPsPICḡPIP°P»Pë PiP°CḡP°C†PμC,P°PjPsP» (PrPëPI. CḡPsP·PrC-P»
B«PhCḡPsP±P»PëPIPsCḡC, C- P·P°CḡC,PsCḡCḡPIP°PSPSCḡB»).
PμC-CḡPsPiP»CḡC,P°PjC-PSPsPiPëPNē P°C†PëPrPsP· PjPsP¶Pμ PIPëPSPëPeP°C,Pë CḡPe
PSP°CḡP»C-PrPsPe PSPëP·CHPePsPiPs CḡC-PIPSCḡ PiP»CḡC,P°C,C-PsPSCḡ Cḡ C†PëC...
PiP°C†C-C°PSC,C-PI.

P— P±PsPeCž PiPμPiP°C,PsP±C-P»C-P°CḡPSPsC— CḡPëCḡC,PμPjPë: PiPsCḡCžC€PμPSPSCḡ
C,,CḡPSPeC†C-C— PiPμCžC-PSPePë, PiC-PrPIPëC%PμPSPSCḡ P°PeC,PëPIPsCḡC,C-
PiPμCžC-PSPePsPiPëC... C,,PμCḡPjPμPSC,C-PI Cḡ CḡPëCḡPsPiP°C,C†C- PeCḡPsPIC-, CḡPe
PiCḡP°PiPëP»Ps P±PμP· CḡPsP·PIPëC,PeCḡ P¶PsPIC,CḡPSPëC†C-, PiPμPiP°C,PsPSPμPeCḡPsP·
(PrPsP·PsP·P°P»PμP¶PSPëPNē PμC,,PμPeC,).

P— P±PsPeCž CḡPμCžPsPiPëPrC-P»CHPSPsC— CḡPëCḡC,PμPjPë: P·P°C,CḡPëPjPeP°
CḡPμCžPsPiPëPiCḡCḡPeP°PSPSCḡ P°P±Ps CḡC,CḡCḡPrPSPμPSPSCḡ
CḡPμCžPsPiPëPrC-P»PμPSPSCḡ (PiCḡPë P·P±C-P»CHC€PμPSPSC- PiCḡPsCḡC,P°C,Pë),
PSPëCḡPePsPIC- PePsP»C-PePë, PrPëP·CḡCḡC-Cḡ, P°CḡPμPiC,PëCžPSP° PiC-CḡCḡC-Cḡ. P,,
CḡC-PrPeC-CḡPSC- PiPsPIC-PrPsPjP»PμPSPSCḡ PiCḡPs PeP°PjPμPSC- CḡPμCžPsPiPsPiPs
PjC-C...CḡCḡP° P°P±Ps PSPëCḡPsPe Cḡ PiP°C†C-C°PSC,C-PI, CḡPeC- CḡPiCḡPsPrPsPiP¶
C,CḡPëPiP°P»PsPiPs CžP°CḡCḡ PiCḡPëPNēPjP°P»Pë PIPμP»PëPeC- PeC-P»CHPePsCḡC,C-
PiPiP°PNēC,,PμPSPμP·PëPSCḡ. PμPsPIC-PrPsPjP»CḡP»PsCḡCH PiCḡPs PsPeCḡPμPjC-
PIPëPiP°PrPePë C-PSC,PμCḡCḡC,PëC†C-P°P»CHPSPsPiPs PSPμC,,CḡPëC,Cḡ PI
CḡPμP·CḡP»CHC,P°C,C- C,CḡPëPiP°P»PsPiPs P·P°CḡC,PsCḡCḡPIP°PSPSCḡ PIPëCḡPsPePëC...
PrPsP· PiP°CḡP°C†PμC,P°PjPsP»Cḡ.

P— P±PsPeCž PμPSPPrPsPeCḡPëPSPSPsC— CḡPëCḡC,PμPjPë: PiC-PiPsPiP»C-PePμPjC-Cḡ,
P°P¶ PrPs PiC-PiPsPiP»C-PePμPjC-CžPSPsC— PePsPjPë.

P— P±PsPeCž PrPëC...P°P»CHPSPsC— CḡPëCḡC,PμPjPë: P·P°PrPëC€PeP°,
P±CḡPsPSC...PsCḡPiP°P·Pj Cḡ PiP°C†C-C°PSC,C-PI, CžCḡC,P»PëPiPëC... PrPs
P°C†PμC,PëP»CḡP°P»C-C†PëP»PsPiPsC— PePëCḡP»PsC,Pë C,P° PrPs C-PSC€PëC...
PḡPμP—P—.

PḡPμCḡPjC-PS PiCḡPëPrP°C,PSPsCḡC,C-. 3 CḡPsPePë.

PjPjPsPiPë P·P±PμCḡC-PiP°PSPSCḡ. P—P±PμCḡC-PiP°C,Pë Cḡ
PSPμPrPsCḡC,CḡPiPSPsPjCḡ PrP»Cḡ PrC-C,PμPNē PjC-CḡC†C- PiCḡPë
C,PμPjPiPμCḡP°C,CḡCḡC- PSPμ PIPëC%Pμ 25 B°Pḡ.

PjPiP°PePsPiPeP°. PμPs 5 P°P±Ps 10 CḡP°C€Pμ Cḡ PePsCḡPsP±C†C-.

$$\text{P}^{\text{L}}\text{P}^{\circ}\text{C}, \text{P}_{\mu}\text{P}^{\text{i}}\text{P}^{\text{s}}\text{C}\overline{\text{H}}_5\text{C}-\text{C}\overline{\text{H}}\text{PIC}-\text{P}^{\text{i}}\text{P}^{\text{i}}\text{C}^{\text{i}}\text{C}^{\text{i}}\text{P}^{\text{e}}\text{C}^{\text{i}}. \text{P}^{\text{i}}\text{P}_{\mu}\text{P}. \text{C}\overline{\text{H}}_5\text{P}_{\mu}\text{C}^{\text{i}}\text{P}_{\mu}\text{P}^{\text{i}}\text{C}, \text{P}^{\circ}.$$
[illegible]

**РнС-СГС†РмР·РSP°С...РsРrР¶РмРSPSPSC¶ PIPëC¶РsР±РSPëРeР° С,Р° РNøРsРPiРs
Р°РrC¶РмСГР° РjC-СГС†С¶ РiC¶РsРPIР°РrР¶РмРSPSPSC¶ РrC-С¶Р»СнРSPsСГС,С-.**

$P \cdot PeCl \cdot P_{\mu}C, P_{\mu}CH \cdot P \cdot PsCrPr, P \cdot P^{\circ}C_{\mu}C, PsPS, P'CH \cdot P^{\circ}CrPSC, PsPS, P \cdot P \cdot P - P - 2DL, P'P_{\mu}P \gg P \cdot PeP^{\circ}P'CH \cdot P \cdot P^{\circ}C_{\mu}C, P^{\circ}PSC - Cl.$