

P† Pќ PŸ Pŷ P PJ Pљ P! P† Pİ

**PrP»Cİ PjPµPrPëC‡PSPsPiPs P·P°CÍC,PsCÍCfPIP°PSPSCİ P»C-PeP°CĤCÍCHPePsPiPs
P·P°CÍPsP±Cf**

P”PµPİCĤP°C,P°P»

(Depratal)

PŸPeP»P°Pr:

PrC-CĤC‡P° CĤPµC‡PsPIPëPSP°: PrCfP»PsPeCÍPµC,PëPSCf PiC-PrCĤPsC...P»PsCĤPëPr;

1 C,P°P±P»PµC,PeP° PePëC€PePsPIPsCĤPsP·C‡PëPSPSP° PjC-CÍC,PëC,CH
PrCfP»PsPeCÍPµC,PëPSCf PiC-PrCĤPsC...P»PsCĤPëPr, C‰Ps PµPePIC-PIP°P»PµPSC,PSPs
PrCfP»PsPeCÍPµC,PëPSCf 30 PjPi P°P±Ps 60 PjPi;

*PrPsPiPsPjC-P¶PSC- CĤPµC‡PsPIPëPSPë: PİCĤPµCÍPsPIP°PSPëPN C†CfPePsCĤ,
PeCfPeCfCĤCfPrP·CİPSPëPN PeCĤPsC...PjP°P»CH, PjP°PiPSC-CĤ CÍC,PµP°CĤP°C,;*

CÍPeP»P°Pr PsP±PsP»PsPSPePë: CÍPsPiPsP»C-PjPµCĤ PjPµC,P°PeCĤPëP»PsPIPsC—
PePëCÍP»PsC,Pë-PµC,PëP»P°PeCĤPëP»P°C,Cf (1:1), PrPëCÍPiPµCĤCÍC-Cİ 30 %;
C,CĤPëPµC,PëP»C†PëC,CĤP°C,; C,P°P»CHPe; C,PëC,P°PSCf PrC-PsPeCÍPëPr (P• 171);
PµPjCfP»CHCÍC-Cİ CÍPëPjPµC,PëPePsPSCf.

P»C-PeP°CĤCÍCHPeP° C„PsCĤPjP°. PŷP°P±P»PµC,PePë PePëC€PePsPIPsCĤPsP·C‡PëPSPSC-.

PĥCÍPSPsPIPSC- C„C-P·PëPePs-C...C-PjC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-:

PrPsP·CfPIP°PSPSCİ 30 PjPi: PIC-Pr P±C-P»PsPiPs PrPs PjP°PNP¶Pµ P±C-P»PsPiPs
PePsP»CHPsCĤCf PeCĤCfPiP»C-, PrPIPsPsPİCfPeP»C-, PIPeCĤPëC,C- PsP±PsP»PsPSPePsCĤ
C,P°P±P»PµC,PePë, P· PsPrPSPsPiPs P±PsPeCf PiCĤP°PIC-CĤPIP°PSPSCİ BĤ™)BĤ™.

PrPsP·CfPIP°PSPSCİ 60 PjPi: PIC-Pr P±C-P»PsPiPs PrPs PjP°PNP¶Pµ P±C-P»PsPiPs
PePsP»CHPsCĤCf PeCĤCfPiP»C-, PrPIPsPsPİCfPeP»C-, PIPeCĤPëC,C- PsP±PsP»PsPSPePsCĤ
C,P°P±P»PµC,PePë.

**P»P°CĤPjP°PePsC,PµCĤP°PiPµPIC,PëC‡PSP° PiCĤCfPiP°. P†PSC€C-
P°PSC,PëPrPµPiCĤPµCÍP°PSC,Pë. PљPsPr PĥPŷPİ N06Pĥ Pİ21.**

P»P°CĤPjP°PePsP»PsPiC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-.

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°.B B

P"CrP»PsPeCfPμC,PëPS Bḡ" C†Pμ PePsPjP±C-PSPsPIP°PSPëPNḡ C-PSPiC-P±C-C,PSCḡ
P·PIPsCḡPsC,PSPsPiPs P·P°C...PsPiP»PμPSPSCḡ C†PμCḡPsC,PSPSC-PSCr C-
PSPsCḡP°PrCḡPμPSP°P»C-PSCr. P'C-PS PSPμP·PSP°C†PSPsCḡ PjC-CḡPsCḡ
C-PSPiC-P±CrC" P·P°C...PsPiP»PμPSPSCḡ PrPsPiP°PjC-PSCr, PSPμ PjP°C"
P·PSP°C†PSPsC— C†PiPsCḡC-PrPSPμPSPsCfC,C- P· PiC-CfC,P°PjC-PSPsPIPëPjPë C-
PrPsPiP°PjC-PSPsPIPëPjPë, C...PsP»C-PSPμCḡPiC-C†PSPëPjPë C,P°
P°PrCḡPμPSPμCḡPiC-C†PSPëPjPë CḡPμC†PμPiC,PSCḡP°PjPë. PḡPμC...P°PSC-P·Pj
PrC-C— PrCrP»PsPeCfPμC,PëPSCr PiCḡPë P»C-PeCrPIP°PSPSC- PrPμPiCḡPμCfC-C—
P·CfPjPsPIP»PμPSPëPNḡ C-PSPiC-P±CrPIP°PSPSCḡPj P·PIPsCḡPsC,PSPsPiPs
P·P°C...PsPiP»PμPSPSCḡ C†PμCḡPsC,PSPSC-PSCr C- PSPsCḡP°PrCḡPμPSP°P»C-PSCr
C-, CḡPe PSP°CfP»C-PrPsPe, PiPsCfPëP»PμPSPSCḡPj
C†PμCḡPsC,PSPμCḡPiC-C†PSPsC— C- PSPsCḡP°PrCḡPμPSPμCḡPiC-C†PSPsC—
PSPμPNḡCḡPsC,CḡP°PSCfPjC-CfC-C— Cr C†PμPSC,CḡP°P»CḡPSC-PNḡ
PSPμCḡPIPsPIC-PNḡ C†PëCfC,PμPjC- (P¡KpŸ). P"CrP»PsPeCfPμC,PëPS C,P°PePsPḡ
C†PëPSPëC,Cḡ P±PsP»PμP·P°C†PiPsPeC-PNḡP»PëPICr PrC-Cḡ, CḡPs,
C-PjPsPIC-CḡPSPs, C" CḡPμP·CrP»CḡC,P°C,PSPj CrPiPsPIC-P»CḡPSPμPSPSCḡ
PiPμCḡPμPrP°C†C- P±PsP»CḡPsPIPëC... C-PjPiCrP»CḡCfC-PI Cr P¡KpŸ.

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

PḡP±CfPsCḡP±C†C-Cḡ

PμCḡPë PiPμCḡPsCḡP°P»CḡPSPsPjCr PiCḡPëPNḡPsPjC- PrCrP»PsPeCfPμC,PëPS PrPsP±CḡPμ
PICfPjPsPeC,CrC"C,CḡCfCḡ. PḡP°PeCfPëPjP°P»CḡPSP° PePsPSC†PμPSC,CḡP°C†C-Cḡ
PrPsCfCḡPiP°C"C,CḡCfCḡ C†PμCḡPμP· 6 PiPsPrPëPS PiC-CfP»Cḡ PiCḡPëPNḡPsPjCr
PiCḡPμPiP°CḡP°C,Cr. PμCḡPëPNḡPsPj C—PḡC- P·P°C,CḡPëPjCrC" C†P°Cf
P°P±CfPsCḡP±C†C-C—, C†P°Cf PrPsCfCḡPiPSPμPSPSCḡ PjP°PeCfPëPjP°P»CḡPSPsC—
PePsPSC†PμPSC,CḡP°C†C-C— P·P±C-P»CḡC€CrC"C,CḡCfCḡ P· 6 PrPs 10 PiPsPrPëPS, PiCḡPë
C†CḡPsPjCr PICfPjPsPeC,CrPIP°PSPSCḡ P·PjPμPSC€CrC"C,CḡCfCḡ (PiCḡPëP±P»PëP·PSPs
PSP° 11 %).

P PsP·PiPsPrC-P»

P"CrP»PsPeCfPμC,PëPS PμC,,PμPeC,PëPIPsPs P·PiBḡ™ CḡP·CrC"C,CḡCfCḡ P·
P±C-P»PeP°PjPë C†PëCḡPsPIP°C,PePë PeCḡPsPIC- P»CḡPrPëPSPë
(PiCḡPëP±P»PëP·PSPs PSP° 96 %), CḡPe P· P°P»CḡP±CrPjC-PSPsPj, C,P°Pe C- P·
P°P»CḡC,,P°-1-PePëCfP»PëPj PiP»C-PePsPiCḡPsC,PμC—PSPsPj. PμPμC†C-PSPePsPIP°
P°P±Ps PSPëCḡPePsPIP° PSPμPrPsCfC,P°C,PSC-CfC,Cḡ PSPμ PIPiP»PëPIP°CḡC,Cḡ
PSP° P·PiBḡ™ CḡP·CrPIP°PSPSCḡ P±C-P»PeC-PI.

PḡPμC,P°P±PsP»C-P·Pj

P"CrP»PsPeCfPμC,PëPS PjPμC,P°P±PsP»C-P·CrC"C,CḡCfCḡ P· CrC†P°CfC,Cḡ
C-P·PsC,,PμCḡPjPμPSC,C-PI CYP2D6 C- CYP1A2. PḡPμC,P°P±PsP»C-C,Pë, CḡPs
CrC,PIPsCḡCḡC,CḡCfCḡ, C,,P°CḡPjP°PePsP»PsPiC-C†PSPs PSPμ P°PeC,PëPIPsC-.

P'PëPIPμPrPμPSPSCḡ

C-PSPrCfPeC†C-CḤ PīPμC†C-PSPePsPIPëC... C,,PμCḤPjPμPSC,C-PI C-
PiPμPīP°C,PsC†PμP»CḤP»CḤCḤPSCr PIP°PeCfPsP»C-P·P°C†C-CḤ PīCḤPë PrPsP·C-
45 PjPi/PePi/PrPsP±Cf. P—P°PiP°P»CḤPSPëPNë PīCḤPsC,,C-P»CḤ C,PsPeCfPëC†PSPsCfC,C-
PrCfP»PsPeCfPμC,PëPSCr Cḥ PjPsP»PsPrPëC... C%oCfCḤC-PI P±CfPI PīPsPrC-P±PSPëPj PrPs
C,P°PePsPiPs Cḥ PrPsCḤPsCfP»PëC... C%oCfCḤC-PI. P'PëP·PSP°C†PμPSPs, C%oPs CḤC-PIPμPSCḤ
PrCfP»PsPeCfPμC,PëPSCr P±PμP· PīPsP±C-C†PSPëC... PμC,,PμPeC,C-PI CfC,P°PSPsPIPëC,CḤ 20
PjPi/PePi/PrPsP±Cf.

РљР»С-РSC-С†РSC- С...Р°СḤР°РeC,РμCḤРëCfC,РëРeРë.

РμPsPeP°P·P°PSPSCḤ.

P>C-PeCfPIP°PSPSCḤ PIPμP»PëPePsPiPs PrPμPīCḤPμCfPëPIPSPsPiPs CḤPsP·P»P°PrCf.

P>C-PeCfPIP°PSPSCḤ PrC-P°P±PμC,PëC†PSPsPiPs PīPμCḤPëC,,PμCḤPëC†PSPsPiPs
PSPμPNëCḤPsPīP°C,PëC†PSPsPiPs P±PsP»CḤ.

P>C-PeCfPIP°PSPSCḤ PiPμPSPμCḤP°P»C-P·PsPIP°PSPsPiPs C,CḤPëPIPsPḤPSPsPiPs
CḤPsP·P»P°PrCf.

РμCḤPsC,РëPīPsPeP°P·P°PSPSCḤ.

PμCḤPsC,PëPīPsPeP°P·P°PSPSCḤPj PrP»CḤ P·P°CfC,PsCfCfPIP°PSPSCḤ PīCḤPμPīP°CḤP°C,Cf C"
PīC-PrPIPëC%oPμPSP° C†CfC,P»PëPIC-CfC,CḤ PrPs PrCfP»PsPeCfPμC,PëPSCr P°P±Ps PrPs
P±CfPrCḤ-CḤPePëC... PrPsPīPsPjC-PḤPSPëC... CḤPμC†PsPIPëPS P»C-PeP°CḤCfCḤPePsPiPs
P·P°CfPsP±Cf.

P"CrP»PsPeCfPμC,PëPS PSPμ PjPsPḤPSP° PīCḤPëP·PSP°C†P°C,Pë CḤP°P·PsPj P·
PSPμCfPμP»PμPeC,PëPIPSPëPjPë PSPμPsP±PsCḤPsC,PSPëPjPë
C-PSPiC-P±C-C,PsCḤP°PjPë PjPsPSPsP°PjC-PSPsPeCfPëPrP°P·Pë (РḥРḥРḥ).

P"CrP»PsPeCfPμC,PëPS PSPμ PjPsPḤPSP° PīCḤPëP·PSP°C†P°C,Pë C...PIPsCḤPëPj P·
PSPμCfC,P°P±C-P»CḤPSPsCḤ PiC-PīPμCḤC,PμPSP·C-C"Ḥ, PsCfPeC-P»CḤPePë C†Pμ
PjPsPḤPμ CfPīCḤPsPIPsPeCfPIP°C,Pë PiC-PīPμCḤC,PsPSC-C†PSPëPNë PeCḤPëP·.

P"CrP»PsPeCfPμC,PëPS PSPμ PjPsPḤPSP° PīCḤPëP·PSP°C†P°C,Pë C...PIPsCḤPëPj P·
C,PμCḤPjC-PSP°P»CḤPSPsCḤ CfC,P°PrC-C"Ḥ PSPëCḤPePsPIPsC—
PSPμPrPsCfC,P°C,PSPsCfC,C- (PeP»C-CḤPμPSCf PeCḤPμP°C,PëPSC-PSCr < 30 PjP»/C...PI).

P"CrP»PsPeCfPμC,PëPS PSPμ CfP»C-Pr PīCḤPëP·PSP°C†P°C,Pë PīP°C†C-C"PSC,P°Pj C-P·
P·P°C...PIPsCḤCḤPIP°PSPSCḤPjPë PīPμC†C-PSPePë BḤ" C†Pμ PjPsPḤPμ
CfPīCḤPëC†PëPSPëC,Pë PīPμC†C-PSPePsPICr PSPμPrPsCfC,P°C,PSC-CfC,CḤ.

P"CrP»PsPeCfPμC,PëPS PSPμ CfP»C-Pr PīCḤPëP·PSP°C†P°C,Pë Cf
PePsPjP±C-PSP°C†C-C— P· C,,P»CfPIPsPeCfP°PjC-PSPsPj,
C†PëPīCḤPsC,,P»PsPeCfP°C†PëPSPsPj P°P±Ps PμPSPsPeCfP°C†PëPSPsPj
(CfPëP»CḤPSC- C-PSPiC-P±C-C,PsCḤPë CYP1A2) C†PμCḤPμP·
PīC-PrPIPëC%oPμPSPSCḤ PePsPSC†PμPSC,CḤP°C†C-C— PrCfP»PsPeCfPμC,PëPSCr Cḥ

$P \rightarrow C - PeP^{\circ} C \bar{H} C \bar{I} C \bar{H} B PeC - P \cdot P^{\circ} C \bar{I} P s P \pm P \ddot{e}$, $C \%_{0} P s$ $PrC - C \bar{H} C, C \bar{H} B$ $PSP^{\circ} P \bar{I} P \acute{k} P \check{Y}$. $P \bar{u} C \bar{H} P \ddot{e}$
 $P \bar{i} C \bar{H} P \ddot{e} P \cdot PSP^{\circ} C \ddagger P \bar{u} PSPSC - PrCrP \gg PsPeC \bar{I} P \bar{u} C, P \ddot{e} PSCr$ Cr $PePsPjP \pm C - PSP^{\circ} C \dagger C - P \cdot$
 $C - PSC \epsilon P \ddot{e} PjP \ddot{e}$ $P \gg C - PeP^{\circ} C \bar{H} C \bar{I} C \bar{H} B PeP \ddot{e} PjP \ddot{e}$ $P \cdot P^{\circ} C \bar{I} P s P \pm P^{\circ} PjP \ddot{e}$ $C - C \bar{H} P \bar{u} C \ddagger P s PIP \ddot{e} PSP^{\circ} PjP \ddot{e}$, $C \%_{0} P s$

PrC-CHC,CH PSP° C†PμPSC,CHP°P»CHPSCr PSPμCHPIPSPICr C†PëC†C,PμPjCr,
PsC†PsP±P»PëPIPs P· PīPsPrC-P±PSPëPj PjPμC...P°PSC-P·PjPsPj PrC-C—, PIPeP»CHC†P°CHC†Pë
P°P»PePsPiPsP»CH C,P° C†PμPrP°C,PëPIPSC- P»C-PeP°CHC†CHPeC- P·P°C†PsP±Pë
(PSP°PīCHPëPeP»P°Pr, P±PμPSP·PsPrC-P°P·PμPīC-PSPë, PsPīC-PsC—PrPSC-
P°PSP°P»CHPiPμC,PëPePë, P°PSC,PëPrPμPīCHPμC†P°PSC,Pë, C„PμPSPsP±P°CHP±C-C,P°P»,
C†PμPrP°C,PëPIPSC- P°PSC,PëPiC-C†C,P°PjC-PSPSC- PīCHPμPīP°CHP°C,Pë),
PSPμPsP±C...C-PrPSPs PIP¶PëC,Pë PīPμPIPSPëC... P·P°PīPsP±C-P¶PSPëC... P·P°C...PsPrC-PI.

P†PSPiC-P±C-C,PsCHPë PҺPҺPҺ. P°CrP»PsPeC†PμC,PëPS PSPμ C†P»C-Pr
PīCHPëP·PSP°C†P°C,Pë CHP°P·PsPj P· PSPμC†PμP»PμPeC,PëPIPSPëPjPë
PSPμPsP±PsCHPsC,PSPëPjPë C-PSPiC-P±C-C,PsCHP°PjPë PҺPҺPҺ C†PμCHPμP· CHPëP·PëPe
PIPëPSPëPePSPμPSPSC¶ C†PμCHPsC,PsPSC-PSPsPiPs C†PëPSPrCHPsPjCr C,P°
PīCHPëPSP°P№PjPSC- PīCHPsC,C¶PiPsPj 14 PrPSC-PI PīC-C†P»C¶ PīCHPëPīPëPSPμPSPSC¶
P»C-PeC†PIP°PSPSC¶ C-PSPiC-P±C-C,PsCHP°PjPë PҺPҺPҺ. P— PsPiP»C¶PrCr PSP°
PīPμCHC-PsPr PSP°PīC-PIIPëPIPμPrPμPSPSC¶ PrCrP»PsPeC†PμC,PëPSCr,
C-PSPiC-P±C-C,PsCHPë PҺPҺPҺ PSPμ PjPsP¶PSP° PīCHPëP·PSP°C†P°C,Pë PīCHPëPSP°P№PjPSC-
PīCHPsC,C¶PiPsPj 5 PrPSC-PI PīC-C†P»C¶ PīCHPëPīPëPSPμPSPSC¶ P»C-PeC†PIP°PSPSC¶
PrCrP»PsPeC†PμC,PëPSPsPj. PμCHPë PīCHPëP№PsPjC- PsP±PsCHPsC,PSPëC...
C†PμP»PμPeC,PëPIPSPëC... C-PSPiC-P±C-C,PsCHC-PI PҺPҺPҺ, PSP°PīCHPëPeP»P°Pr
PjPsPeP»PsP±PμPjC-PrCr C†Pë C,CHPëPīC,P°PSC-PI, C,CHP°PjP°PrPsP»Cr, PīPμC,PëPrPëPSCr,
C,CHPëPīC,PsC„P°PSCr C,P° P±C†PīCHPμPSPsCHC„C-PSCr, CHPëP·PëPe
PIPëPSPëPePSPμPSPSC¶ C†PμCHPsC,PsPSC-PSPsPiPs C†PëPSPrCHPsPjCr PjPμPSC€PëP№,
PīCHPsC,Pμ P·P°C†C,PsC†CrPIP°PSPSC¶ C,P°PePsC— PePsPjP±C-PSP°C†C-C— PSPμ
CHPμPePsPjPμPSPrCrC°C,CHC†C¶. PҺPSC,PëP±C-PsC,PëPe P»C-PSPμP·PsP»C-Pr вҒ” C†Pμ
PsP±PsCHPsC,PSPëP№ PSPμC†PμP»PμPeC,PëPIPSPëP№ PҺPҺPҺ, P№PsPiPs PSPμ C†P»C-Pr
PīCHPëP·PSP°C†P°C,Pë PīP°C†C-C°PSC,P°Pj, C¶PeC- P·P°C†C,PsC†PsPICrCHC,CH
PrCrP»PsPeC†PμC,PëPS (PrPëPI. CHPsP·PrC-P» B«PҺC†PsP±P»PëPIPsC†C,C-
P·P°C†C,PsC†CrPIP°PSPSC¶B»).

PμPμCHPsCHP°P»CHPSC- PePsPSC,CHP°C†PμPīC,PëPIPë C,P° C-PSC€C- C†C,PμCHPsC—PrPSC-
P°PiPμPSC,Pë: CHPμP·CrP»CHC,P°C,Pë PrPsC†P»C-PrP¶PμPSCҺ in vitro
PrPμPjPsPSC†C,CHCrCHC,CH, C°Ps PrCrP»PsPeC†PμC,PëPS PSPμ PIPëPeP»PëPeP°C°
PeP°C,P°P»C-C,PëC†PSPsC— P°PeC,PëPIPSPSC†C,C- CYP3A. PҺPsPSPeCHPμC,PSPëC...
PrPsC†P»C-PrP¶PμPSCҺ in vivo C°PsPrPs PIP·P°C°PjPsPrC-C— PjC-P¶
P»C-PeP°CHC†CHPePëPjPë P·P°C†PsP±P°PjPë PSPμ PīCHPsPiPsPrPëP»Pë.

PҺPSC,PëPePsP°PiCâP»C¶PSC,Pë C,P° P°PSC,PëC,CHPsPjP±PsC,PëC†PSC- P·P°C†PsP±Pë.
P°CrP»PsPeC†PμC,PëPS P· PsP±PμCHPμP¶PSC-C†C,CH PīCHPëP·PSP°C†P°C,Pë CHP°P·PsPj
P· PīPμCHPsCHP°P»CHPSPëPjPë P°PSC,PëPePsP°PiC†P»C¶PSC,P°PjPë C,P°
P°PSC,PëC,CHPsPjP±PsC,PëC†PSPëPjPë P·P°C†PsP±P°PjPë Cr P·PIвҒ™ C¶P·PeC† P·
PīC-PrPIPëC°PμPSPSC¶Pj CHPëP·PëPeC† PeCHPsPiPsC,PμC†C- PIPSP°C†P»C-PrPsPe
C„P°CHPjP°PePsPrPëPSP°PjC-C†PSPsC— PIP·P°C°PjPsPrC-C—. PμPsPIC-PrPsPjP»C¶P»Pë
PīCHPs P·P±C-P»CHC€PμPSPSC¶ PīPsPeP°P·PSPëPeC-PI PjC-P¶PSP°CHPsPrPSPsPiPs
PSPsCHPjP°P»C-P·PsPIP°PSPsPiPs PIC-PrPSPsC€PμPSPSC¶ (PҺPкP'), PePsP»Pë
PīP°C†C-C°PSC,Pë, C¶PeC- P·P°C†C,PsC†PsPICrPIP°P»Pë PIP°CHC„P°CHPëPS,
PīPsC†P°P»Pë P·P°C†C,PsC†PsPICrPIP°C,Pë PrCrP»PsPeC†PμC,PëPS. PμCHPsC,Pμ
PsPrPSPsC†P°C†PSPμ P·P°C†C,PsC†CrPIP°PSPSC¶ PrCrP»PsPeC†PμC,PëPSCr C,P°
PIP°CHC„P°CHPëPSCr PI CrPjPsPIP°C... C†C,P°C†C-PsPSP°CHCr Cr P·PrPsCHPsPiPëC...
PrPsP±CHPsPiPsP»CHC†C-PI PīC-Pr C†P°C† PrPsC†P»C-PrP¶PμPSPSC¶
PeP»C-PSC-C†PSPsC— C„P°CHPjP°PePsP»PsPiC-C— PSPμ PīCHPëP·PIPμP»Ps PrPs

PeP»C-PSC-C†PSPs P·PSP°C†CfC%PsC— P·PjC-PSPë PI P_hPkP' P·
PïPsC†P°C,PePsPIPsPiPs C_hC-PIPSCl P°P±Ps Cr C,,P°C_hPjP°PePsPeC-PSPμC,PëC†C- R-
C†Pë S-PIP°C_hC,,P°C_hPëPSCr.

P>C-PeP°C_hCfCHPeC- P·P°CfPsP±Pë, C%Ps PjC-CfC,CfC,CH PrCzP»PsPeCfPμC,PëPS.
PkPμPsP±C...C-PrPSPs CrPSPëPeP°C,Pë CfCrPïCfC,PSCHPsPiPs
P·P°CfC,PsCfCrPIP°PSPSCl P· C-PSCëPëPjPë P»C-PeP°C_hCfCHPePëPjPë
P·P°CfPsP±P°PjPë, C%Ps PjC-CfC,CfC,CH PrCfP»PsPeCfPμC,PëPS.

PμC_hPμPiP°C_hP°C,Pë, C%Ps PjC-CfC,CfC,CH C,C_hP°PICz P·PIC-C_hPsP±PsC_h. PμC_hPë
CfCrPjC-CfPSPsPjCr P·P°CfC,PsCfCrPIP°PSPSC- P· PrCfP»PsPeCfPμC,PëPSPsPj C†P°CfC,Ps
PIPëPSPëPeP°C_hC,CH PïPsP±C-C†PSC- C_hPμP°PeC†C-C—.

P_hPSC,P°C†PëPrPë C,P° P°PSC,P°PiPsPSC-CfC,Pë P_{k2}: PsPrPSPsC†P°CfPSPμ
P·P°CfC,PsCfCrPIP°PSPSCl PrCfP»PsPeCfPμC,PëPSCr P· P°PSC,P°C†PëPrP°PjPë, C%Ps
PjC-CfC,CfC,CH P°P»C_hPjC-PSC-PN₂ C- PjP°PiPSC-PN₂, P°P±Ps PrCfP»PsPeCfPμC,PëPSCr P·
C,,P°PjPsC,PëPrPëPSPsPj PSPμ PIPiP»PëPIP°C" PSP° CëPIPëPrPeC-CfC,CH C†Pë
CfC,CrPïC-PSCH PïPsPiP»PëPSP°PSPSCl PrCfP»PsPeCfPμC,PëPSCr PïC-CfP»CfC
PIPIPμPrPμPSPSCl PïPμC_hPsC_hP°P»CHPSPsC— PrPsP·Pë 40 PjPi.

P†PSPrCzPeC,PsC_hPë CYP1A2: C,,P°C_hPjP°PePsPeC-PSPμC,PëC†PSC- P°PSP°P»C-P·Pë
PïPsPeP°P·P°P»Pë, C%Ps PeCrC_hC†C- PjP°C_hC,CH PjP°PN₂Pμ PSP° 50 % PSPëPμC†Cr
PePsPSC†PμPSC,C_hP°C†C-C_h PrCfP»PsPeCfPμC,PëPSCr PI PïP»P°P·PjC- PïPsC_hC-PIPSClPSPs
P· PSPμPeCrC_hC†CfPjPë.

P_hCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCzPIP°PSPSCl.

PŸCzPrPsPjPë C,P° PjP°PSC-C—. P"CrP»PsPeCfPμC,PëPS PSPμPsP±C...C-PrPSPs
PïC_hPëP·PSP°C†P°C,Pë P· PsP±PμC_hPμPμPSC-CfC,C_h PïP°C†C-C"PSC,P°Pj C-P·
CfCrPrPsPjP°PjPë, PjP°PSC-C"CH P°P±Ps P±C-PïPsP»CfC_hPSPëPjPë C_hPsP·P»P°PrP°PjPë PI
P°PSP°PjPSPμP·C-.

P_hC-PrC_hC-P°P·. P'CrP»Pë PïPsPIC-PrPsPjP»PμPSPSCl PïC_hPs PïC_hPsCfPI PjC-PrC_hC-P°P·Cr
Cr P·PIB_h™ ClP·PeCr P· PïC_hPëPN₂PsPjPsPj PrCfP»PsPeCfPμC,PëPSCr, C,PsPjCr
PïC_hPëP·PSP°C†P°C,Pë PrCfP»PsPeCfPμC,PëPS PïP°C†C-C"PSC,P°Pj C-P·
PïC-PrPIPëC%PμPSPëPj PIPSCrC,C_hC-CëPSCHPsPsC†PSPëPj C,PëCfPePsPj P°P±Ps P·
C_hPëP·PëPePsPj PïPsCfC,C_hPsC— PICrP·CHPePsPeCrC,PsPIPsC— PiP»P°CrPePsPjPë
PïPsC,C_hC-P±PSPs P· PsP±PμC_hPμPμPSC-CfC,C_h.

P_hC_hC,PμC_hC-P°P»CHPSPëPN₂ C,PëCfPe C,P° CfPμC_hC†PμP±PëC,C,CfC. Pj PrPμClPëPëC...
PïP°C†C-C"PSC,C-PI PïC_hPëPN₂PsPj PrCfP»PsPeCfPμC,PëPSCr PïC_hPëP·PIPsPrPëC,CH PrPs
PïC-PrPIPëC%PμPSPSCl P°C_hC,PμC_hC-P°P»CHPSPsPiPs C,PëCfPeCr. PjPμ PjPsPμPμ P±CrC,Pë
PïPsPIB_h™ ClP·P°PSPs P· PSPsC_hP°PrC_hPμPSPμC_hPiC-C†PSPëPj PμC,,PμPeC,PsPj
PrCfP»PsPeCfPμC,PëPSCr. P—P°C,,C-PeCfPsPIP°PSPs PIPëPïP°PrPePë
PiC-PïPμC_hC,PsPSC-C†PSPsPiPs PeC_hPëP·Cr P· PrCfP»PsPeCfPμC,PëPSPsPj, PsCfPsP±P»PëPIPs
Cr PïP°C†C-C"PSC,C-PI P· P°C_hC,PμC_hC-P°P»CHPSPsC_h PiC-PïPμC_hC,PμPSP·C-C"CH.
PμP°C†C-C"PSC,P°Pj C-P· P°C_hC,PμC_hC-P°P»CHPSPsC_h PiC-PïPμC_hC,PμPSP·C-C"CH
C,P°/P°P±Ps C-PSCëPëPjPë P·P°C...PIPsC_hC_hPIP°PSPSClPjPë CfPμC_hC†CfC
C_hPμPePsPjPμPSPPrCrC"C,CHCfCl PjPsPSC-C,PsC_hPëPSPi P°C_hC,PμC_hC-P°P»CHPSPsPiPs

C, PëCÍPëCÍ, PsCÍPSP±P»PëPIPs PíCĤPsC, CĬPiPsPj PíPμCĤC€PsPiPs PjC-CÍCĬC†CĬ
P»C-PeCÍPIP°PSPSCĬ. P''CÍP»PsPeCÍPμC, PëPS CÍP»C-Pr P· PsP±PμCĤPμP¶PSC-CÍC, CĤ
P·P°CÍC, PsCÍPSPICÍPIP°C, Pë PíP°C†C-C''PSC, P°Pj, CÍ CĬPePëC... PjPsP¶P»PëPIPμ
PíPsCĤCÍC€PμPSPSCĬ CÍPμCĤC†PμPIPsPiPs CĤPëC, PjCÍ P°P±Ps P·P±C-P»CHC€PμPSPSCĬ
P°CĤC, PμCĤC-P°P»CHBPSPsPiPs C, PëCÍPëCÍ. PhP±PμCĤPμP¶PSPs CÍP»C-Pr C, P°PePsP¶
P·P°CÍC, PsCÍPSPICÍPIP°C, Pë PrCÍP»PsPeCÍPμC, PëPS P· P»C-PeP°CĤCÍCHPePëPjPë
P·P°CÍPSP±P°PjPë, CĬPeC- PjPsP¶CÍC, CH PíPsPiC-CĤC€PëC, Pë PñPsPiPs PjPμC, P°P±PsP»C-P·Pj
(PrPëPI. CĤPsP·PrC-P» B«P'P·P°C''PjPsPrC-CĬ P· C-PSC€PëPjPë P»C-PeP°CĤCÍCHPePëPjPë
P·P°CÍPSP±P°PjPë C, P° C-PSC€C- PIPëPrPë PIP·P°C''PjPsPrC-PñB»). PμP°C†C-C''PSC, P°Pj C-P·
PíPsCÍC, C-PñPSPs PíC-PrPIPëC%PμPSPëPj P°CĤC, PμCĤC-P°P»CHBPSPëPj C, PëCÍPëPsPj
PíPsC, CĤC-P±PSPs P·PjPμPSC€CÍPIP°C, Pë PrPsP·CÍ P°P±Ps PíPsCÍC, CÍPíPsPIPs
PIC-PrPjC-PSPëC, Pë PíCĤPμPíP°CĤP°C, P·C-PeCÍPIP°PSPSCĬ PíP°C†C-C''PSC, C-PI C-P·
PSPμCÍC, P°P±C-P»CHBPSPsCĤ PíC-PíPμCĤC, PμPSP·C-C''CĤ PSPμ C''
PrPsC†C-P»CHBPSPëPj.

PkPëCĤPePsPIP° PSPμPrPsCÍC, P°C, PSC-CÍC, CH. PμC-PrPIPëC%PμPSP°
PePsPSC†PμPSC, CĤP°C†C-CĬ PrCÍP»PsPeCÍPμC, PëPSCÍ PíP»P°P·PjC-
CÍPíPsCÍC, PμCĤC-PíP°P»P°CÍCĬ CÍ PíP°C†C-C''PSC, C-PI C-P· C, PμCĤPjC-PSP°P»CHBPSPsCĤ
CÍC, P°PrC-C''CĤ PSPëCĤPePsPIPsC— PSPμPrPsCÍC, P°C, PSPsCÍC, C-, CĬPeC-
PíPsCÍC, C-PñPSPs PíPμCĤPμP±CÍPIP°CĤC, CH PSP° PíPμPjPsPrC-P°P»C-P·C- (PeP»C-CĤPμPSCÍ
PeCĤPμP°C, PëPSC-PSCÍ < 30 PjP»/C...PI). PŸC, PsCÍPSPIPSPs PíP°C†C-C''PSC, C-PI C-P·
C, PμCĤPjC-PSP°P»CHBPSPsCĤ CÍC, P°PrC-C''CĤ PSPëCĤPePsPIPsC—
PSPμPrPsCÍC, P°C, PSPsCÍC, C- PrPëPI. CĤPsP·PrC-P» B«PμCĤPsC, PëPíPsPeP°P·P°PSPSCĬB»;
CÍC, PsCÍPSPIPSPs PíP°C†C-C''PSC, C-PI P· P»PμPíPePsCĤ P°P±Ps CÍPμCĤPμPrPSCĤPsCĤ
PSPëCĤPePsPIPsCĤ PSPμPrPsCÍC, P°C, PSC-CÍC, CĤ PrPëPI. CĤPsP·PrC-P» B«PŸPíPsCÍC-P±
P·P°CÍC, PsCÍCÍPIP°PSPSCĬ C, P° PrPsP·PëB».

PŸPμCĤPsC, PsPSC-PSPsPIPëPñ CÍPëPSPPrCĤPsPj C, P° P·P»PsCĬPeC-CÍPSPëPñ
PSPμPñCĤPsP»PμPíC, PëC†PSPëPñ CÍPëPSPPrCĤPsPj. PμCĤPë P»C-PeCÍPIP°PSPSC-
PrCÍP»PsPeCÍPμC, PëPSPsPj PjPsP¶Pμ PIPëPSPëPeP°C, Pë PíPsC, PμPSC†C-PñPSPs
PSPμP±PμP·PíPμC†PSPëPñ PrP»CĬ P¶PëC, C, CĬ CÍPμCĤPsC, PsPSC-PSPsPIPëPñ
CÍPëPSPPrCĤPsPj P°P±Ps P·P»PsCĬPeC-CÍPSPëPñ PSPμPñCĤPsP»PμPíC, PëC†PSPëPñ
CÍPëPSPPrCĤPsPj, PsCÍPSP±P»PëPIPs PíCĤPë PsPrPSPsC†P°CÍPSPsPjCÍ
P·P°CÍC, PsCÍCÍPIP°PSPSC- C-PSC€PëC... CÍPμCĤPsC, PsPSC-PSPμCĤPíC-C†PSPëC...
P·P°CÍPSP±C-PI (PIPeP»CĤC†P°CĤC†Pë CÍPμP»PμPeC, PëPIPSC- C-PSPiC-P±C-C, PsCĤPë
P·PIPsCĤPsC, PSPsPiPs P·P°C...PsPíP»PμPSPSCĬ CÍPμCĤPsC, PsPSC-PSCÍ (PŸP†P—P—PŸ),
CÍPμP»PμPeC, PëPIPSC- C-PSPiC-P±C-C, PsCĤPë P·PIPsCĤPsC, PSPsPiPs P·P°C...PsPíP»PμPSPSCĬ
PSPsCĤP°PrCĤPμPSP°P»C-PSCÍ (PŸP†P—P—Pí), C, CĤPëC†PëPeP»C-C†PSC-
P°PSC, PëPrPμPíCĤPμCÍP°PSC, Pë P°P±Ps C, CĤPëPíC, P°PSPë), P°PíPμPSC, C-PI, CĬPeC-
PíPsPiC-CĤC€CÍCĤC, CH PjPμC, P°P±PsP»C-P·Pj CÍPμCĤPsC, PsPSC-PSCÍ, C, P°PePëC... CĬPe
C-PSPiC-P±C-C, PsCĤPë PñPñPñ, P°PSC, PëPrPμPíCĤPμCÍP°PSC, C-PI P°P±Ps C-PSC€PëC...
P°PSC, P°PíPsPSC-CÍC, C-PI PrPsPíP°PjC-PSCÍ, CĬPeC- PjPsP¶CÍC, CH PíPíP»PëPIP°C, Pë PSP°
CÍPμCĤPsC, PsPSC-PSPμCĤPíC-C†PSC- PSPμPñCĤPsPjPμPrC-P°C, PsCĤPSC- CÍPëCÍC, PμPjPë.

PŸPμCĤPsC, PsPSC-PSPsPIPëPñ CÍPëPSPPrCĤPsPj PjPsP¶Pμ PIPeP»CĤC†P°C, Pë P·PjC-PSCÍ
PíCÍPëC...C-C†PSPsPiPs CÍC, P°PSCÍ (PSP°PíCĤPëPeP»P°Pr, P·P±CÍPrP¶PμPSPSCĬ,
PíP°P»CĤC†PëPSP°C†C-C—, PePsPjCÍ), PIPμPíPμC, P°C, PëPIPSCÍ
PSPμCÍC, P°P±C-P»CHBPSC-CÍC, CH (PSP°PíCĤPëPeP»P°Pr, C, P°C...C-PeP°CĤPrC-CĤ,
P»P°P±C-P»CHBPSPëPñ P°CĤC, PμCĤC-P°P»CHBPSPëPñ C, PëCÍPe, PíC-PíPμCĤC, PμCĤPjC-CĤ),
PSPμCĤPIPsPIPs-PjBĤ™ CĬP·PsPIC- PIC-PrC...PëP»PμPSPSCĬ (PSP°PíCĤPëPeP»P°Pr,
PíC-PíPμCĤCĤPμC,, P»PμPeCÍC-CĤ, PíPsCĤCÍC€PμPSPSCĬ PePsPsCĤPrPëPSP°C†C-C—)

C,P°/P°P±Ps C€P»CfPSPePsPIPs-PeP€C€PePsPIC- CfP€PjPiC,PSPjP€ (PSP°PiCtjP€PeP»P°Pr, PSCfPrPsC,Cf, P±P»CtjPiP°PSPSCtj, PrC-P°CtjPμCtj).

Pj CfPIPsC—PN° PSP°PN°PIP°P¶C†C-PN° C,,PsCtjPjC- CfPμCtjPsC,PsPSC-PSPsPIP€PN° CfP€PSPrCtjPsPj PjPsP¶Pμ PSP°PiP°PrCfPIP°C,P€ P·P»PsCtjPeC-CfPSP€PN° PSPμPN°CtjPsP»PμPiC,P€C†PSP€PN° CfP€PSPrCtjPsPj, CfP€PjPiC,PSPjP°PjP€ CtjPePsPiPs C", P·PsPeCtjPμPjP°, PiC-PiPμCtjC,PμCtjPjC-Ctj, CtjP€PiC-PrPSC-CfC,Ctj PjBtj™ CtjP·C-PI, PiC-PrPIP€C%oPμPSPSCtj P°PeC,P€PIPSPsCfC,C- PeCtjPμP°C,P€PSPeC-PSP°P·P€ PI CfP€CtjPsPIP°C,C†C- PeCtjPsPIC-, PIPμPiPμC,P°C,P€PIPSP° PSPμCfC,P°P±C-P»CtjPSC-CfC,Ctj C-P· PjPsP¶P»P€PIP€PjP€ C€PIP€PrPeP€PjP€ P·PjC-PSP°PjP€ P¶P€C,C,C"PIPs PIP°P¶P»P€PIP€C... PiPsPeP°P·PSP€PeC-PI C- P·PjC-PSP°PjP€ PiCfP€C...C-C†PSPsPiPs CfC,P°PSCf. P¶PeC%oPs PsPrPSPsC†P°CfPSPμ P»C-PeCfPIP°PSPSCtj PrCfP»PsPeCfPμC,P€PSPsPj C- C-PSC€P€PjP€ CfPμCtjPsC,PsPSC-PSPμCtjPiC-C†PSP€PjP€ P·P°CfPsP±P°PjP€ C,P°/P°P±Ps PSPμPN°CtjPsP»PμPiC,P€PeP°PjP€, CtjPeC- PjPsP¶CfC,Ctj PIPiP»P€PIP°C,P€ PSP° CfPμCtjPsC,PsPSC-PSPμCtjPiC-C†PSC- C,P°/P°P±Ps PrPsC,,P°PjC-PSPμCtjPiC-C†PSC- PSPμPN°CtjPsPjPμPrC-P°C,PsCtjPSC- CfP€CfC,PμPjP€, PeP»C-PSC-C†PSPs PsP±T'CtjCfPSC,PsPIP°PSPμ, CtjPμPePsPjPμPSPrCfC"C,CtjCfCtj CtjPμC,PμP»CtjPSPμ CfPiPsCfC,PμCtjPμP¶PμPSPSCtj P·P° PiP°C†C-C"PSC,PsPj, PsCfPsP±P»P€PIPs PSP° PiPsC†P°C,PeCf P»C-PeCfPIP°PSPSCtj C,P° PiCtjP€ P·P±C-P»CtjC€PμPSPSC- PrPsP·P€.

PμCtjP€ PiC-PrPsP·CtjC- PSP° CfPμCtjPsC,PsPSC-PSPsPIP€PN° CfP€PSPrCtjPsPj CfP»C-Pr CtjPsP·PiP»CtjPSCfC,P€ PjPsP¶P»P€PIC-CfC,Ctj P·PjPμPSC€PμPSPSCtj PrPsP·P€ P°P±Ps PiCtjP€PiP€PSPμPSPSCtj P»C-PeCfPIP°PSPSCtj P·P°P»PμP¶PSPs PIC-Pr C,CtjP¶PePsCfC,C- CfP€PjPiC,PSPjC-PI.

P" PμPjPsCtjP°PiC-C—. P—P°C,,C-PeCfPsPIP°PSPs P°PSPsPjP°P»CtjPSC- PeCtjPsPIPsC,PμC†C-, C,P°PeC- CtjPe PμPeC...C-PjPsP·P€, PiCfCtjPiCfCtjP°, C€P»CfPSPePsPIPs-PeP€C€PePsPIC- PeCtjPsPIPsC,PμC†C- C- PeCtjPsPIPsPIP€P»P€PIP€ PiCtjP€ P·P°CfC,PsCfCfPIP°PSPSC- P¶P†P—P—P¶ C,P° C-PSPiC-P±C-C,PsCtjC-PI P·PIPsCtjPsC,PSPsPiPs P·P°C...PsPiP»PμPSPSCtj CfPμCtjPsC,PsPSC-PSCf/PSPsCtjP°PrCtjPμPSP°P»C-PSCf (P†P—P—P¶P¶), PIPeP»CtjC†P°CtjC†P€ PrCfP»PsPeCfPμC,P€PS. P¶CtjPμP±P° P· PsP±PμCtjPμP¶PSC-CfC,Ctj PiCtjP€P·PSP°C†P°C,P€ P»C-PeP°CtjCfCtjPeP€PN° P·P°CfC-P± PiP°C†C-C"PSC,P°Pj, CtjPeC- PiCtjP€PN°PjP°CtjC,Ctj P°PSC,P€PePsP°PiCfP»CtjPSC,P€ C,P°/P°P±Ps P»C-PeP°CtjCfCtjPeC- P·P°CfPsP±P€, C%oPs PIPiP»P€PIP°CtjC,Ctj PSP° C,,CfPSPeC†C-Ctj C,CtjPsPjP±PsC†P€C,C-PI (PSP°PiCtjP€PeP»P°Pr, PSPμCfC,PμCtjPsC—PrPSC- PiCtjPsC,P€P·P°PiP°P»CtjPSC- PiCtjPμPiP°CtjP°C,P€ P°P±Ps P°C†PμC,P€P»CfP°P»C-C†P€P»PsPIP° PeP€CfP»PsC,P°), P° C,P°PePsP¶ PiP°C†C-C"PSC,P°Pj P·C- CfC...P€P»CtjPSC-CfC,Ctj PrPs PeCtjPsPIPsC,PμC†C-. P"CfP»PsPeCfPμC,P€PS P·P±C-P»CtjC€CfC" CtjP€P·P€Pe PiC-CfP»CtjPiPsP»PsPiPsPIPsC— PeCtjPsPIPsC,PμC†C- (PrP€PI. CtjPsP·PrC-P» B«P—P°CfC,PsCfCfPIP°PSPSCtj Cf PiPμCtjC-PsPr PIP°PiC-C,PSPsCfC,C- P°P±Ps PiPsPrCfPIP°PSPSCtj PiCtjCfPrPrCtjB»).B

P"C-PiPsPSP°C,CtjC-C"PjC-Ctj. PμCtjP€ P·P°CfC,PsCfCfPIP°PSPSC- P»C-PeP°CtjCfCtjPePsPiPs P·P°CfPsP±Cf P" PμPiCtjP°C,P°P» P·P°C,,C-PeCfPsPIP°PSPs PiC-PiPsPSP°C,CtjC-C"PjC-Ctj, Cf C,PsPjCf C†P€CfP»C- PIP€PiP°PrPeP€ P· PiPsPeP°P·PSP€PeP°PjP€ PIPjC-CfC,Cf PSP°C,CtjC-Ctj Cf CfP€CtjPsPIP°C,C†C- PeCtjPsPIC- PSP€P¶C†Pμ 110 PjPjPsP»CtjP». P"C-PiPsPSP°C,CtjC-C"PjC-Ctj PjPsP¶Pμ

$P \pm C \acute{r} C, P \ddot{e} \text{ } \acute{C} \acute{I} P \ddot{I} C \ddot{H} P \ddot{e} C \ddot{+} P \ddot{e} P S P_{\mu} P S P^{\circ} \text{ } \acute{C} \acute{I} P \ddot{e} P S P r C \ddot{H} P s P j P s P j \text{ } P \ddot{I} P s C \ddot{H} C \acute{r} C \epsilon P_{\mu} P S P S C \ddot{I} \ddot{I}$
 $\acute{C} \acute{I} P_{\mu} P e C \ddot{H} P_{\mu} C \ddot{+} C - C - P^{\circ} P S C, P \ddot{e} P r C - C \acute{r} C \ddot{H} P_{\mu} C, P \ddot{e} C \ddot{+} P S P s P i P s \text{ } P i P s C \ddot{H} P j P s P S C \acute{r}$
 (PŸP_μP_hP" P"). P·C-P»CHC€C-ĆĆC, CH C-P· C†PēC... PIPēPIP°PrPeC-PI P±C_rP»Pē
 P·P°C_HP_μC"ĆĆC, C_HPsPIP°PSC- C_r P»C_HPrP_μPN_e P»C-C, PSCH_HPsPiPs PIC-PeC_r,
 PsC_IPsP±P»PēPIPs P·P° PSP°C_IPIPS_PSC_IC, C- PiC-PiPsPSP°C, C_HC-C" PjC-C— PI
 P°PSP°PjPSP_μP·C- P°P±Ps PiC_HPē C_IC, P°PSP°C..., C%_oPs PjPsP_IC_rC, CH
 C_IPiC_HPēC₊PēPSC_IC, Pē P·PjC-PSPē P±P°P»P°PSC_IC_r C_HC-PrPēPSPē C, C-P»P°.
 P_kP_μPsP±C...C-PrPSPs P· PsP±P_μC_HP_μP_IPSC-ĆĆC, C_H PiC_HPēP·PSP°C₊P°C, Pē
 PiC_HP_μPiP°C_HP°C, PiP°C₊C-C" PSC, P°Pj P»C-C, PSCH_HPsPiPs PIC-PeC_r, P· C†PēC_HPsP·PsPj
 C, P° PiP°C₊C-C" PSC, P°Pj P·C- P·PSP_μPIPsPrPSP_μPSPSC_IPj P°P±Ps PiP°C₊C-C" PSC, P°Pj,
 C_IPeC- PsC, C_HPēPjC_rC_HC, CH PrC-C_rC_HP_μC, PēPePē.

PŸPēPSPrC_HPsPj PIC-PrPjC-PSPē. PŸPēPjPiC, PsPjPē C_IPēPSPrC_HPsPjC_r PIC-PrPjC-PSPē
 PIPēPSPēPeP°C_HC, CH PrPsC_IPēC, CH C₊P°C_IC, Ps, PsC_IPsP±P»PēPIPs PiC_HPē
 C_HP°PiC, PsPIPsPjC_r PiC_HPēPiPēPSP_μPSPSC- P»C-PeC_rPIP°PSPSC_I (PrPēPI. C_HPsP·PrC-P»
 B«P_μPsP±C-C₊PSC- C_HP_μP°PeC₊C-C-B»). PJ PeP»C-PSC-C₊PSPēC...
 PIPēPiC_HPsP±C_rPIP°PSPSC_IC... PiPsP±C-C₊PSC- C_HP_μP°PeC₊C-C—, B C_IPeC-
 C_IPiPsC_IC, P_μC_HC-PiP°P»PēC_IC_I PiC_HPē C_HP°PiC, PsPIPsPjC_r PiC_HPēPiPēPSP_μPSPSC-
 P»C-PeC_rPIP°PSPSC_I, P±C_rP»Pē PiC_HPēP±P»PēP·PSPs C_r 45 % PiP°C₊C-C" PSC, C-PI, C_IPeC-
 PsC, C_HPēPjC_rPIP°P»Pē PrC_rP»PsPeC_IP_μC, PēPS, C- C_r 23 % PiP°C₊C-C" PSC, C-PI, C_IPeC-
 PiC_HPēPN_ePjP°P»Pē PiP»P°C₊P_μP±Ps.

P PēP·PēPe PIPēPSPēPePSP_μPSPSC_I C_IPēPjPiC, PsPjC-PI PIC-PrPjC-PSPē PiC_HPē
 P·P°C_IC, PsC_IC_rPIP°PSPSC- PŸP₊P—P—PŸ C, P° P₊P—P—PŸP_k P·P°P»P_μP_IPēC, CH PIC-Pr
 PrP_μPeC-P»CHPePsC... C,, P°PeC, PsC_HC-PI, PIPeP»C_HC₊P°C_HC₊Pē C, C_HPēPIP°P»C-C_IC, CH
 C, P_μC_HP°PiC-C— C- PrPsP·C_rPIP°PSPSC_I C, P° C€PIPēPrPeC-ĆĆC, CH P·PjP_μPSC€P_μPSPSC_I
 PrPsP·Pē. P—P°P·PIPēC₊P°PN_e C₊C- C_IPēPjPiC, PsPjPē P»P_μPiPeC- P°P±Ps PiPsPjC-C_HPSC-,
 PsPrPSP°Pe C_r PrP_μC_IPePēC... PiP°C₊C-C" PSC, C-PI PIPsPSPē PjPsP_IC_rC, CH P±C_rC, Pē
 C, C_IP_IP_IPePēPjPē. P'PsPSPē P·P°P·PIPēC₊P°PN_e P·B_H[™] C_IPIP»C_IC_HC, CHC_IC_I PiC_HPsC, C_IPiPsPj
 PiP_μC_HC€PēC... PeC-P»CHPePsC... PrPSC-PI PiC-C_IP»C_I PiC_HPēPiPēPSP_μPSPSC_I
 P»C-PeC_rPIP°PSPSC_I, P°P»P_μ P±C_rP»Pē PrC_rP_IP_μ C_HC-PrPeC-C_IPSC-
 PiPsPIC-PrPsPjP»P_μPSPSC_I PiC_HPs PiPsC_IPiC_r C, P°PePēC... C_IPēPjPiC, PsPjC-PI C_r
 PiP°C₊C-C" PSC, C-PI, C_IPeC- PIPēPiP°PrPePsPIPs PiC_HPsPiC_rC_IC, PēP»Pē PiC_HPēPN_ePsPj
 PrPsP·Pē. P—P°P·PIPēC₊P°PN_e C₊C- C_IPēPjPiC, PsPjPē PsP±PjP_μP_IP_μPSC- C- P·PSPēPeP°C_HC, CH
 PiC_HPsC, C_IPiPsPj 2 C, PēP_IPSC-PI, C...PsC₊P° PI PsPeC_HP_μPjPēC... PsC_IC-P± PIPsPSPē
 PjPsP_IC_rC, CH P±C_rC, Pē C, C_HPēPIP°P»PēPjPē (2B_H[™] 3 PjC-C_IC_IC₊C- P°P±Ps P±C-P»CHC€P_μ).
 PŸPsPjC_r C_HP_μPePsPjP_μPSPrC_rC" C, CHC_IC_I, C%_oPsP± PiC_HPēPiPēPSP_μPSPSC_I
 P»C-PeC_rPIP°PSPSC_I PrC_rP»PsPeC_IP_μC, PēPSPsPj PIC-PrP±C_rPIP°P»PsC_IC_I
 PiPsC_IC, C_rPiPsPIPs PiC_HPsC, C_IPiPsPj PiP_μC_HC-PsPrC_r PSP_μ PjP_μPSC€P_μ PSC-P_I 2 C, PēP_IPSC-,
 PIC-PrPiPsPIC-PrPSPs PrPs PiPsC, C_HP_μP± PiP°C₊C-C" PSC, P°.

P_hPeP°C, PēP·C-C_I / PiC_IPēC...PsPjPsC, PsC_HPSP_μ P·P°PSP_μPiPsPePsC"PSPSC_I.
 P—P°C_IC, PsC_IC_rPIP°PSPSC_I PrC_rP»PsPeC_IP_μC, PēPSC_r PiPsPiB_H[™] C_IP·C_rC_HC, CH C-P·
 C_HPsP·PIPēC, PePsPj P°PeP°C, PēP·C-C—, C_IPeP° C...P°C_HP°PeC, P_μC_HPēP·C_rC" C, CHC_IC_I
 C_IC_rP±B_H[™] C"PeC, PēPIPSPēPj PSP_μPiC_HPēC"PjPSPēPj PiC_IPēC...PsPjPsC, PsC_HPSPēPj
 P·P°PSP_μPiPsPePsC"PSPSC_IPj C- PSP_μPsP±C...C-PrPSC-C_IC, C_H C_HC_rC...P°C, PēC_IC_I,
 C₊P°C_IC, Ps C_IC_rPiC_HPsPIPsPrP_IC_rC" C, CHC_IC_I PSP_μPjPsP_IP»PēPIC-C_IC, C_H C_IPēPrC-C, Pē
 P°P±Ps C_IC, PsC_IC, Pē PSP° PjC-C_IC₊C-. PiP_μ C_IPIPēC%_oP_μ PIPēPSPēPeP°C" PiC_HPsC, C_IPiPsPj
 PiP_μC_HC€PēC... PeC-P»CHPePsC... C, PēP_IPSC-PI P»C-PeC_rPIP°PSPSC_I. P"P»C_I
 C...PIPsC_HPēC..., C_r C_IPePēC... C_HPsP·PIPēPIP°C_HC, CHC_IC_I PIPēC%_oP_μPIPeP°P·P°PSC-

P†PSC€C- PiC†PëC...C-C‡PSC- C†C,P°PSPë, PiC†Pë C‡IPePëC... PiC†PëP·PSP°C‡P°C†HC,CH PrCrP»PsPeC†PµC,PëPS, C,P°PePsP¶ PjPsP¶C†C,CH P±C†C,Pë P°C†PsC†C-PNëPsPIP°PSC- P·PiC-PrPIPeC%oPuPSPëPj C†PëP·PëPePsPj C†C†C—C†PëPrP°P»CHPSPëC... C‡IPIPeC%o.

PhPeC₇C-Pj C,PsPiPs, C†C- PiC†PëC...C-C†PSC- C†C,P°PSPë PjPsP¶C†C,CH P±C†C,Pë
cC†PiC†C,PSC-PjPë, C¶PeC%Ps PIPsPSPë C†C†PiC₇PsPIPsPrP¶C†C₇C,CH PIPµP»PëPePëPNë
PrPµPiC₇PµC†PëPIPSPëPNë C₇PsP·P»P°Pr. PÿP°PePëPj C†PëPSPsPj, PSPµPsP±C...C-PrPSPs
PIP¶PëPIP°C,Pë PsPrPSP°PePsPIPëC... P·P°PiPsP±C-P¶PSPëC... P·P°C...PsPrC-PI PiC₇Pë
P»C-PeC†PIP°PSPSC- PiP°C†C-C''PSC,C-PI C¶Pe C-P· PIPµP»PëPePëPj PrPµPiC₇PµC†PëPIPSPëPj
C₇PsP·P»P°PrPsPj, C,P°Pe C- P· C-PSCëPëPjPë PiC†PëC...C-C†PSPëPjPë C₇PsP·P»P°PrP°PjPë. Pj
PiP°C†C-C''PSC,C-PI, C¶PeC- PjP°C₇C,CH PI P°PSP°PjPSPµP·C- C†C†C—C†PëPrP°P»CHPSC-
C¶PIPëC%P° P°P±Ps P·PSP°C†PSPëPNë C₇C-PIPµPSC₇ C†C†C—C†PëPrP°P»CHPSPsPiPs
PjPëC†P»PµPSPSC¶, C₇PëP·PëPe PIPëPSPëPePSPµPSPSC¶ C†C†C—C†PëPrP°P»CHPSPsC—
PiPsPIPµPrC-PSPePë P±C-P»CHCëPëPNë, C,PsPjC† PSPµPsP±C...C-PrPSPëPNë P±C-P»CHCë
C₇PµC,PµP»CHPSPëPNë PePsPSC,C₇PsP»CH PiC-Pr C†P°C† P»C-PeC†PIP°PSPSC¶.
P₇PµC,P°P°PSP°P»C-P· PiP»P°C†PµP±PsPePsPSC,C₇PsP»CHPsPIP°PSPëC...
PeP»C-PSC-C†PSPëC... PIPëPiC₇PsP±C†PIP°PSC₇ P°PSC,PëPrPµPiC₇PµC†P°PSC,C-PI PiC₇Pë
PiC†PëC...C-C†PSPëC... C₇PsP·P»P°PrP°C... PiPsPeP°P·P°PI PiC-PrPIPëC%PµPSPëPNë C₇PëP·PëPe
C†C†C—C†PëPrP°P»CHPSPsC— PiPsPIPµPrC-PSPePë PiC₇Pë PiC₇PëPNëPsPjC-
P°PSC,PëPrPµPiC₇PµC†P°PSC,C-PI PiPsC₇C-PIPS¶PSPs P· PiP»P°C†PµP±Ps C†
PiP°C†C-C''PSC,C-PI PIC-PePsPj PrPs 25 C₇PsPeC-PI.

PµC-Pr C†P°C† P»C-PeC†PIP°PSPSC¶ PrC†P»PsPeC†PµC,PëPSPsPj P°P±Ps PIC-PrC₇P°P·C†
PiC-C†P»C¶ PiC₇PëPiPëPSPµPSPSC¶ P»C-PeC†PIP°PSPSC¶ PiPsPIC-PrPsPjP»C¶P»Pë PiC₇Ps
PIPëPiP°PrPePë C†C†C—C†PëPrP°P»CHPSPsPiPs PjPëC†P»PµPSPSC¶ C,P°
C†C†C—C†PëPrP°P»CHPSPsC— PiPsPIPµPrC-PSPePë.

PµC₇Pë C,PµC₇P°PiC-C—, PsC†PsP±P»PëPIPs PSP° C₇P°PSPSCHPsPjC† PµC,P°PiC-
P»C-PeC†PIP°PSPSC¶ C,P° PiC-C†P»C¶ P·PjC-PSPë PrPsP·Pë, C†P»C-Pr
P·PrC-PNëC†PSC₇PIP°C,Pë C₇PµC,PµP»CHPSPµ C†PiPsC†C,PµC₇PµP¶PµPSPSC¶ P·P°
PiP°C†C-C''PSC,P°PjPë, PsC†PsP±P»PëPIPs C,PëPjPë, C...C,Ps P·PSP°C...PsPrPëC,CHC†C¶ C†
PiC₇C†PiC- PIPëC†PsPePsPiPs C₇PëP·PëPeC†. PµP°C†C-C''PSC,Pë (C,P° C—C...PSC-
PsPiC-PeC†PSPë) PiPsPIPëPSPSC- P±C†C,Pë PiPsC-PSC,,PsC₇PjPsPIP°PSC- PiC₇Ps
PSPµPsP±C...C-PrPSC-C†C,CH C†PiPsC†C,PµC₇C-PiP°C,Pë P·P° P±C†PrCH-C¶PePëPj
PeP»C-PSC-C†PSPëPj PiPsPiC-C₇CëPµPSPSC¶Pj, C†C†C—C†PëPrP°P»CHPSPsC₇
PiPsPIPµPrC-PSPePsC₇ P°P±Ps PrC†PjPeP°PjPë C,P° PSPµP·PIPëC†PSPëPjPë P·PjC-PSP°PjPë PI
PiPsPIPµPrC-PSC†C- C- PSPµPiP°PNëPSPs P·PIPµC₇PSC†C,PëC†C¶ PrPs P»C-PeP°C₇C¶,
C¶PeC%Ps C,P°PeC- C†PëPjPiC,PsPjPë PIPëPSPëPeP°C₇C,CH.

P''C-P°P±PµC,PëC†PSPëPNë PiPµC₇PëC,,PµC₇PëC†PSPëPNë PSPµPNëC₇PsPiP°C,PëC†PSPëPNë
P±C-P»CH. PµPsPIC-PrPsPjP»C¶P»Pë PiC₇Ps PiPsPsPrPëPSPsPeC- PIPëPiP°PrPePë
C†C†C—C†PëPrP°P»CHPSPsPiPs PjPëC†P»PµPSPSC¶ C,P° C†C†C—C†PëPrP°P»CHPSPsC—
PiPsPIPµPrC-PSPePë PiC-Pr C†P°C† C,PµC₇P°PiC-C— PrC†P»PsPeC†PµC,PëPSPsPj P°P±Ps
PsPrC₇P°P·C† PiC-C†P»C¶ C—C— P·P°PeC-PSC†PµPSPSC¶, C¶Pe C- PiC₇Pë PiC₇PëPNëPsPjC-
C-PSCëPëC... P»C-PeP°C₇C†CHPePëC... P·P°C†PsP±C-PI C-P· PiPsPrC-P±PSPsC₇
C,,P°C₇PjP°PePsP»PsPiC-C†PSPsC₇ PrC-C''C₇ (P°PSC,PëPrPµPiC₇PµC†P°PSC,Pë).
P»C-PeP°C₇C¶Pj C†P»C-Pr C-PSC,,PsC₇PjC†PIP°C,Pë PiP°C†C-C''PSC,C-PI PiC₇Ps
PSPµPsP±C...C-PrPSC-C†C,CH PiPsPIC-PrPsPjP»C¶C,Pë PiC₇Ps P±C†PrCH-C¶PeC-
PIC-PrC†C†C,C,C¶ P·P°PSPµPiPsPePsC''PSPSC¶.

P—P°C†C,PsC†C¿PIP°PSPSC¶ PrC-C,C¶Pj C,P° PiC-PrP»C-C,PeP°Pj (PIC-PePsPj PrPs 18
C₇PsPeC-PI). P''C†P»PsPeC†PµC,PëPS PSPµ C†P»C-Pr P·P°C†C,PsC†PsPIC†PIP°C,Pë PrP»C¶
P»C-PeC†PIP°PSPSC¶ PrC-C,PµPNë C,P° PiC-PrP»C-C,PeC-PI (PIC-PePsPj PrPs 18 C₇PsPeC-PI).
PµPsPIPµPrC-PSPeP°, PiPsPIB₇™ C¶P·P°PSP° P· C†P°PjPsPiC†P±C†C,PIPsPj (C†PiC₇PsP±Pë
C†P°PjPsPiC†P±C†C,PIP° C,P° C†C†C—C†PëPrP°P»CHPSC- PrC†PjPePë), C-

PIPsCḡPsP¶C-ĆŦC,CḤ (PīPμCḡPμPIP°P¶PSPs P°PiCḡPμĆŦC-ĆŦ, PsPīPsP·PēC†C-PN̄PSP°
PīPsPIPμPrC-PSPeP° C,P° PiPSC-PI) C‡P°ĆŦC,C-Ć€Pμ CŦPīPsĆŦC,PμCḡC-PiP°P»PēĆŦĆŦ CŦ
PeP»C-PSC-C‡PSPēC... PIPēPiCḡPsP±CŦPIP°PSPSCŦC... CŦPμCḡPμPr PrC-C,PμPN̄ C-
PīC-PrP»C-C,PeC-PI, CŦPeC- PsC,CḡPēPjCŦPIP°P»Pē P°PSC,PēPrPμPīCḡPμCŦP°PSC,Pē,
PīPsCḡC-PIPSCLPSPs P· C,PēPjPē, C...C,Ps PsC,CḡPēPjCŦPIP°PI PīP»P°C†PμP±Ps. PīPeC%Ps,
P±PμCḡCŦC‡Pē PrPs CŦPIP°PiPē PeP»C-PSC-C‡PSCŦ PīPsC,CḡPμP±CŦ,
PiCḡPēPN̄PjP°C”C,CḤĆŦCŦ CḡC-Ć€PμPSPSCŦ PiCḡPs P»C-PeCŦPIP°PSPSCŦ, PīP°C†C-C”PSC,P°
CŦP»C-Pr CḡPμC,PμP»CḤPSPs PePsPSC,CḡPsP»CḡPIP°C,Pē C%PsPrPs PīPsCŦPIPē
ĆŦCŦC—C†PēPrP°P»CḤPSPēC... CŦPēPjPiC,PsPjC-PI. PḡCḡC-Pj C,PsPiPs, PIC-PrCŦCŦC,PSC-
PrPsPIPiPsC,PμCḡPjC-PSPsPIC- PrP°PSC- PiCḡPs P±PμP·PīPμPeCŦ PrP»CŦ PrC-C,PμPN̄ C-
PīC-PrP»C-C,PeC-PI C%PsPrPs CḡPsCŦC,CŦ, PrPsP·CḡC-PIP°PSPSCŦ C,P°
PePsPiPSC-C,PēIPSPsPiPs C- PiPsPIPμPrC-PSPePsPiPsPiPs CḡPsP·PIPēC,PeCŦ (PrPēPI.
CḡPsP·PrC-P» B«PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—B»).

PμP°C†C-C”PSC,Pē P»C-C,PSCḤPsPiPs PIC-PeCž. P”P°PSC- C%PsPrPs
P·P°ĆŦC,PsCŦCŦPIP°PSPSCŦ P»C-PeP°CḡCŦCḤPePsPiPs P·P°CŦPsP±CŦ
P”PμPiCḡP°C,P°P» CŦ PrPsP·C- 120 PjPi PīP°C†C-C”PSC,P°Pj P»C-C,PSCḤPsPiPs
PIC-PeCŦ P· PIPμP»PēPePēPj PrPμPiCḡPμCŦPēPIPSPēPj CḡPsP·P»P°PrPsPj C,P°
PiPμPSPμCḡP°P»C-P·PsPIP°PSPēPj C,CḡPēPiPsP¶PSPēPj CḡPsP·P»P°PrPsPj
PsP±PjPμP¶PμPSC-. PŷPsPjCŦ CŦP»C-Pr PrPsC,CḡPēPjCŦPIP°C,PēCŦCŦ
PsP±PμCḡPμP¶PSPsCŦC,C- PiCḡPē P»C-PeCŦPIP°PSPSC- P»C-C,PSC-C... P»CḡPrPμPN̄
PjP°PeCŦPēPjP°P»CḤPSPsCḡ PrPsP·PsCḡ.

P—P°ĆŦC,PsCŦCžPIP°PSPSCŦ Cž PiPμCḡC-PsPr PIP°PiC-C,PSPsCŦC,C- P°P±Ps
PiPsPrCžPIP°PSPSCŦ PiCḡCžPrPrCḡ.

P’P°PiC-C,PSC-ĆŦC,CḤ

P”PsCŦP»C-PrP¶PμPSPSCŦ PSP° C,PIP°CḡPēPSP°C... PiCḡPsPrPμPjPsPSCŦC,CḡCŦPIP°P»Pē
CḡPμPiCḡPsPrCŦPeC,PēPIPSCŦ C,PsPeCŦPēC‡PSC-ĆŦC,CḤ, PePsP»Pē CŦPēCŦC,PμPjPSP°
PμPeCŦPīPsP·PēC†C-ĆŦ (PīP»PsC%P° PīC-Pr AUC) PrCŦP»PsPeCŦPμC,PēPSCŦ P±CŦP»P°
PjPμPSC€PsCḡ P·P° PjP°PeCŦPēPjP°P»CḤPSCŦ PeP»C-PSC-C‡PSCŦ PμPeCŦPīPsP·PēC†C-Cḡ
(PrPēPI. CḡPsP·PrC-P» B«P”PsPeP»C-PSC-C‡PSC- PrP°PSC- P· P±PμP·PīPμPePēB»).

P PμP·CŦP»CḤC,P°C,Pē PrPIPsC... PIPμP»PēPePēC... PsP±CŦPμCḡPIP°C†C-PN̄PSPēC...
PrPsCŦP»C-PrP¶PμPSCḡ (PsPrPSPμ, PiCḡPsPIPμPrPμPSPμ PI PŷPīPsP»CŦC‡PμPSPēC...
PēC,P°C,P°C... PḡPjPμCḡPēPePē P·P° CŦC‡P°ĆŦC,Cḡ 2500 P¶C-PSPsPe, C- PsPrPSPμ,
PiCḡPsPIPμPrPμPSPμ PI P„PICḡPsPiPμPN̄CŦCḤPePsPjCŦ PŷPsCḡP·C- P·P° CŦC‡P°ĆŦC,Cḡ 1500
P¶C-PSPsPe, CŦPeC- PiCḡPēPN̄PjP°P»Pē PrCŦP»PsPeCŦPμC,PēPS PiCḡPsC,CŦPiPsPj
PiPμCḡC€PsPiPs C,CḡPēPjPμCŦC,CḡCŦ PIP°PiC-C,PSPsCŦC,C-) PSPμ PIPeP°P·CŦCḡC,CḤ PSP°
P·P±C-P»CḤC€PμPSPSCŦ P·P°PiP°P»PsPj CḡPēP·PēPeCŦ CŦPμCḡPN̄PsP·PSPēC...
PICḡPsPrP¶PμPSPēC... PIP°Pr CḡPsP·PIPēC,PeCŦ PrC-C,PμPN̄. PḡPSP°P»C-P· PsPeCḡPμPjPēC...
PIP°Pr CḡPsP·PIPēC,PeCŦ, C,P°PePēC... CŦPe PIP°PrPē CḡPsP·PIPēC,PeCŦ CŦPμCḡC†CŦ, PSPμ
PrP°PI PsCŦC,P°C,PsC‡PSPēC... CḡPμP·CŦP»CḤC,P°C,C-PI.

Pj PrPsCŦP»C-PrP¶PμPSPSC-, PiCḡPsPIPμPrPμPSPsPjCŦ PI P„PICḡPsPiPμPN̄CŦCḤPePsPjCŦ
PŷPsCḡP·C-, P·P°ĆŦC,PsCŦCŦPIP°PSPSCŦ PrCŦP»PsPeCŦPμC,PēPSCŦ PīP°C†C-C”PSC,PeP°PjPē
PSP° PīC-P·PSC-C... C,PμCḡPjC-PSP°C... PIP°PiC-C,PSPsCŦC,C- (CŦ P±CŦPrCḤ-CŦPePēPN̄
C‡P°CŦ PIC-Pr 20 C,PēP¶PSC-PI PIP°PiC-C,PSPsCŦC,C- PrPs PīPsP»PsPiC-PI) P±CŦP»Ps

PiPsPiBTM CИP·P°PSPμ P· PiC-PrPIPeC%PμPSPePj CTMPeP·PePePsPj PiPμCTMPμPrC±P°CTMPSPeC...
PiPsP»PsPiC-PI (PjP°PN₂PTMPμ Cr 2 CTMP°P·Pë, C%Ps PIC-PrPiPsPIC-PrP°C” PiCTMPeP±P»PeP·PSPs
6 PrPsPrP°C,PePsPIPePj PiPμCTMPμPrC±P°CTMPSPePj PiPsP»PsPiP°Pj PSP° 100 PTMC-PSPsPe).
P’C-P»CHC€C-CTMC,CH PiPμCTMPμPrC±P°CTMPSPeC... PiPsP»PsPiC-PI PIC-PrP±CTMP»PeCTMCИ
PjC-PTM 35 C- 36 C,PePTMPSCИPjPë PIP°PiC-C,PSPsCTMC,C-. PJ PrPsCTMP»C-PrPTMPμPSPSC-,
PiCTMPsPIPμPrPμPSPsPjCr PI PTMPiPsP»CTMC±PμPSPeC... PëC,P°C,P°C... PhPjPμCTMPePePë,
C,P°PePsPiPs P·PiBTM CИP·PeCTM PSPμ CTMPiPsCTMC,PμCTMC-PiP°P»PsCTMCИ.

P”P°PSC- CTMPiPsCTMC,PμCTMPμPTMPμPSCTM Cr PTMPiPsP»CTMC±PμPSPeC... PëC,P°C,P°C...
PhPjPμCTMPePePë PiPsPeP°P·CTMC,CH PiC-PrPIPeC%PμPSPePN₂ CTMPeP·PePe (PjP°PN₂PTMPμ Cr 2
CTMP°P·Pë) PiC-CTMP»CИPiPsP»PsPiPsPIPsC— PeCTMPsPIPsC,PμC±C- PiCTMPë
P·P°CTMC,PsCTMCTMPiP°PSPSC- PrCTMP»PsPeCTMPμC,PëPSCTM PiCTMPsC,CИPiPsPj PjC-CTMCИCTMCИ
PiPμCTMPμPr PiPsP»PsPiP°PjPë.

P·PiC-PrPμPjC-PsP»PsPiC-C±PSC- PrP°PSC- CTMPIC-PrC±P°C,CH PiCTMPs C,Pμ, C%Ps
P·P°CTMC,PsCTMCTMPiP°PSPSCИ PTMP±P—P—PTM PiC-Pr C±P°CTM PIP°PiC-C,PSPsCTMC,C-,
PsCTMPsP±P»PePIPs PSP° PiC-P·PSC-C... C,PμCTMPjC-PSP°C... PIP°PiC-C,PSPsCTMC,C-,
P·P±C-P»CHC€CTMC” CTMPeP·PePe CTMC,C-PN₂PePsC— P»PμPiPμPSPμPIPsC—
PiC-PiPμCTMC,PμPSP·C-C— Cr PSPsPIPsPSP°CTMPsPrPTMPμPSPeC....

PIPsC±P° PTMPiPsPrPSPμ PrPsCTMP»C-PrPTMPμPSPSCИ PSPμ PIPePIC±P°P»Ps P·PiBTM CИP·PsPe
PjC-PTM CTMPeP·PePePsPj CTMC,C-PN₂PePsC— P»PμPiPμPSPμPIPsC— PiC-PiPμCTMC,PμPSP·C-C— C-
P»C-PeCTMPiP°PSPSCИPj PTMP±P—P—PTM, C±PμPN₂ PiPsC,PμPSCTMC-PN₂PSPePN₂ CTMPeP·PePe PSPμ
PjPsPTMPSP° PIPePeP»CTMC±PëC,Pë PiCTMPeP·P°CTMC,PsCTMCTMPiP°PSPSC- PrCTMP»PsPeCTMPμC,PëPSCTM,
PICTMP°C...PsPICTMCTMC±Pë PiPsPiBTM CИP·P°PSPePN₂ PjPμC...P°PSC-P·Pj PrC-C—
(PiCTMPePiPSC-C±PμPSPSCИ PiPsPIC,PsCTMPSPsPiPs P·P°C...PsPiP»PμPSPSCИ
CTMPμCTMPsC,PsPSC-PSCTM).

PiPe C- Cr CTMP°P·C- P»C-PeCTMPiP°PSPSCИ C-PSC€PePjPë
CTMPμCTMPsC,PsPSC-PSPμCTMPiC-C±PSPePjPë P»C-PeP°CTMCTMCHPePePjPë P·P°CTMPsP±P°PjPë, Cr
PSPsPIPsPSP°CTMPsPrPTMPμPSPeC... PjPsPTMCTMC,CH PIPePSPePePSCTMC,Pë CTMPePjPiC,PsPjPë
PIC-PrPjC-PSPe PSPμPIPrPsPIP·C- PiC-CTMP»CИ P·P°CTMC,PsCTMCTMPiP°PSPSCИ PjP°C,C-CTMPhTM CTM
PrCTMP»PsPeCTMPμC,PëPSCTM. PTMC- CTMPePjPiC,PsPjPë PjPsPTMCTMC,CH PIPeP»CTMC±P°C,Pë
PiC-PiPsC,PsPSC-CTM, C,CTMPμPjPsCTM, P·P±CTMPrPTMPμPSPSCИ, C,CTMCTMPrPSPsC%C- P·
PiPsPrCTMPiP°PSPSCИPj, CTMPμCTMPiC-CTMP°C,PsCTMPSPePN₂ PrPëCTMC,CTMPμCTMC- CTMCTMPrPsPjPë. PJ
P±C-P»CHC€PsCTMC,C- PIPePiP°PrPeC-PI CTMPePjPiC,PsPjPë PIC-PrPjC-PSPe PIPePSPePeP°P»Pë
P°P±Ps PiCTMPeP PSP°CTMPsPrPTMPμPSPSC-, P°P±Ps PiCTMPsC,CИPiPsPj PeC-P»CHPePsC... PrPSC-PI
PiC-CTMP»CИ PSP°CTMPsPrPTMPμPSPSCИ.

P>C-PeP°CTMCTMCHPeC- P·P°CTMPsP±Pë, CИPeC- PjC-CTMC,CИC,CH PrCTMP»PsPeCTMPμC,PëPS,
CTMP»C-Pr P·P°CTMC,PsCTMPsPICTMPiP°C,Pë PiC-Pr C±P°CTM PIP°PiC-C,PSPsCTMC,C-, P»PeC€Pμ
CИPeC%Ps PiPsC,PμPSCTMC-PN₂PSP° PePsCTMPeCTMC,CH PIPePiCTMPiP°PSPSCИ PjP°C,C-CTMPhTM CTM
PiPsC,PμPSCTMC-PN₂PSPePN₂ CTMPeP·PePe PrP»CИ PiP»PsPrP°. P-C-PSPeP°Pj CTMP»C-Pr
PiPsCTMP°PrPëC,Pë PiPsPIC-PrPsPjPëC,Pë CTMPIPsPiPs P»C-PeP°CTMCИ, CИPeC%Ps PIPsPSPe
P·P°P°PiC-C,PSC-P»Pë P°P±Ps PjP°CTMC,CH PSP°PjC-CTM P·P°P°PiC-C,PSC-C,Pë PiC-Pr
C±P°CTM C,PμCTMPiC-C—.

P”PsPrCTMPiP°PSPSCИ PiCTMCTMPrPrCTM

P”CTMP»PsPeCTMPμC,PëPS CTMP»P°P±Ps PμPeCTMPeCTMPμC,CTMC”C,CHCTMCИ Cr PiCTMCTMPrPSPμ
PjPsP»PsPePs. P’CTMC,P°PSPsPIP»PμPSP° PrPsP·P° PrP»CИ PrPëC,PëPSPe P·
CTMPsP·CTMP°C...CTMPSPeCTM 1 PjPi PSP° 1 PePi PjP°CTMPë C,C-P»P° CTMC,P°PSPsPIPeC,CH

$\text{P}\mu\text{C}-\text{C}\acute{\text{I}}\text{P}\gg\text{C}\mu\text{I}$ $\text{PePsPSC}\acute{\text{I}}\text{PsP}\gg\text{C}-\text{PrP}^{\circ}\text{C}\dagger\text{C}-\text{C}-$ $\text{PIC}-\text{Pr}\ddot{\text{P}}\text{PsPIC}-\text{PrC}-$ PSP°
 $\text{P}^{\circ}\text{PSC},\text{P}\ddot{\text{e}}\text{PrP}\mu\text{P}\ddot{\text{I}}\text{C}\ddot{\text{H}}\text{P}\mu\text{C}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{PIPSP}\mu$ $\text{P}\gg\text{C}-\text{PeC}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\mu$ $\text{C}\ddot{\text{H}}\text{P}\mu\text{PePsPjP}\mu\text{PSP}\text{rC}\acute{\text{r}}\text{C}''\text{C},\text{C}\ddot{\text{H}}\text{C}\acute{\text{I}}\text{C}\mu$
 $\text{P}\ddot{\text{I}}\text{C}\ddot{\text{H}}\text{PsPrPsPIP}\P\text{C}\acute{\text{r}}\text{PIP}^{\circ}\text{C},\text{P}\ddot{\text{e}}\text{P}\gg\text{C}-\text{PeC}\acute{\text{r}}\text{PIP}^{\circ}\text{PSPSC}\mu$ $\text{P}\ddot{\text{I}}\text{C}\ddot{\text{H}}\text{PsC},\text{C}\mu\text{PiPsPj}$ $\text{PeC}-\text{P}\gg\text{C}\ddot{\text{H}}\text{PePsC}...$
 $\text{PjC}-\text{C}\acute{\text{I}}\text{C}\mu\text{C}\dagger\text{C}-\text{PI},\text{C}\%_{\text{O}}\text{PsP}\pm$ $\text{C}\acute{\text{r}}\text{PSP}\ddot{\text{e}}\text{PePSC}\acute{\text{r}}\text{C},\text{P}\ddot{\text{e}}\text{C}\ddot{\text{H}}\text{P}\mu\text{C}\dagger\text{P}\ddot{\text{e}}\text{PrP}\ddot{\text{e}}\text{PIC}\acute{\text{r}}.$ $\text{P}''\text{P}\gg\text{C}\mu$ $\text{PiP}^{\circ}\text{C}\dagger\text{C}-\text{C}''\text{PSC},\text{C}-\text{PI},$

PJ C...PIPsC $\overline{H}$ P $\overline{C}$... P· PSP μ P°PrP μ PePIP°C,PSPsC $\overline{H}$ P $\overline{i}$ PsC $\overline{+}$ P°C,PePsPIPsC $\overline{H}$ C $\overline{H}$ P μ P°PeC $\overline{+}$ C-C°C $\overline{H}$ PrPsPrP°C,PePsPIP μ PiC-PrPIP $\overline{C}$ C% $\circ$ P μ PSPSC $\overline{C}$ PrPsP·P $\overline{e}$ PiC-C $\overline{I}$ P»C $\overline{C}$ C $\overline{+}$ C $\overline{H}$ PsPiPs PSP°PIC $\overline{C}$ C $\overline{C}$ Pr C $\overline{+}$ P $\overline{e}$ PjPsP $\overline{C}$ P μ P $\pm$ CrC,P $\overline{e}$ PIP $\overline{e}$ PiC $\overline{H}$ P°PIPrP°PSP $\overline{e}$ Pj. P $\overline{y}$ P μ C $\overline{H}$ P°P $\overline{i}$ P μ PiC,P $\overline{e}$ C $\overline{+}$ PSC- P $\overline{i}$ P μ C $\overline{H}$ P μ PIP°PiP $\overline{e}$ C $\overline{I}$ P»C-Pr PsC $\overline{+}$ C-PSC $\overline{H}$ PIP°C,P $\overline{e}$ C $\overline{H}$ P μ PiC $\overline{r}$ P»C $\overline{C}$ C $\overline{H}$ PSPs (PiC $\overline{H}$ P $\overline{e}$ PSP°P $\overline{N}$ PjPSC- PePsP $\overline{C}$ PSC- 3 PjC-C $\overline{I}$ C $\overline{C}$ C $\overline{+}$ C-).

РμР°С†С-С"РSC,Рө Р· РSPөСҖРєРsРIPsСҖ РSPμРrРsС†С,Р°С,РSC-С†С,СҖ.
РлРsСҖРμРєС†С-СҖ РrРsР·Рө РrР»СҖ РiР°С†С-С"РSC,С-Рi Р·С- С†Р»Р°Р±РєРsСҖ С,Р°
РiРsРjС-СҖРSPsСҖ РSPөСҖРєРsРIPsСҖ РSPμРrРsС†С,Р°С,РSC-С†С,СҖ РSPμ РiРsС,СҖС-Р±РSP°
(РєР»С-СҖРμРSC† РєСҖРμР°С,РөРSC-РSC† РiС-Рr 30 РrРs 80 РjР»/С...Рi). Р"Р»СҖ
РiР°С†С-С"РSC,С-Рi Р· С,РμСҖРjС-РSP°Р»СҖРSPsСҖ С†С,Р°РrС-С"СҖ
РSPөСҖРєРsРIPsСҖ— РSPμРrРsС†С,Р°С,РSPsС†С,С- (РєР»С-СҖРμРSC†
РєСҖРμР°С,РөРSC-РSC† < 30 РjР»/С...Рi) С†РμР№ Р»С-РєР°СҖСҖСҖРєРөР№ Р·Р°С†С-Р± РSPμ
Р·Р°С†С,РsС†РsРiС†С"С,СҖС†СҖ.

РμР°С†С-С"РSC,Рө Р· РiРμС±С-РSPєРsРIPsСҖ РSPμРrРsС†С,Р°С,РSC-С†С,СҖ.
Р"РμРiСҖР°С,Р°Р» РSPμ РjРsР¶РSP° РiСҖРөР·РSP°С±Р°С,Рө РiР°С†С-С"РSC,Р°Рj С-Р·
Р·Р°С...РIPsСҖСҖРIP°РSPSCҖРjРө РiРμС±С-РSPєРө.

РμР°С†С-С"РSC,Рө Р»С-С,РSCHPsPiPs РiС-РєСҖ. Р—РjС-РSCҖРIP°С,Рө РrРsР·СҖ
РiСҖРμРiР°СҖР°С,СҖ СҖ СҖР°Р·С- РiСҖРөР·РSP°С±РμРSPSCҖ РiР°С†С-С"РSC,Р°Рj
Р»С-С,РSCHPsPiPs РiС-РєСҖ РSPμ РiРsС,СҖС-Р±РSPs. РμСҖРsС,Рμ, СҖРє С-
Р±СҖРrСҖСҖСҖРөР№ Р»С-РєР°СҖСҖСҖСҖРөР№ Р·Р°С†С-Р±, РiСҖРө
Р»С-РєСҖРIP°РSPSC- Р»СҖРrРμР№ Р»С-С,РSCHPsPiPs РiС-РєСҖ, РsС†РsР±Р»РөРIPs
РiСҖРө Р·Р°С†С,РsС†СҖРIP°РSPSC- РrСҖР»РsРєС†РμС,РөРSC† 120 РjРi РSP° РrРsР±СҖ
РiСҖРө РiРμР»РөРєРsРjСҖ РrРμРiСҖРμС†РөРIPSPsРjСҖ СҖРsР·Р»Р°С- Р°Р±Рs
РiРμРSPμСҖР°С-Р·РsРIP°РSPsРjСҖ С,СҖРөРIPsР¶РSPsРjСҖ СҖРsР·Р»Р°С-,
С%РsРrРs СҖРөРөС... РrР°С- РsР±РjРμР¶РμРSC- (РrРөРi. СҖРsР·РrС-Р»
В«РҖСҖРsР±Р»РөРIPsС†С,С- Р·Р°С†С,РsС†СҖРIP°РSPSCҖВ»), Р"РμРiСҖР°С,Р°Р»
С†Р»С-Рr Р·Р°С†С,РsС†РsРiС†РIP°С,Рө Р· РsР±РμСҖРμР¶РSC-С†С,СҖ.

РμСҖРөРiРөРSPμРSPSCҖ Р»С-РєСҖРIP°РSPSCҖ

РќРμРsР±С...С-РrРSPs СҖРSPөРєР°С,Рө СҖР°РiС,РsРIPsPiPs РiСҖРөРiРөРSPμРSPSCҖ
Р·Р°С†С,РsС†СҖРIP°РSPSCҖ Р»С-РєР°СҖСҖСҖРєРөРsРiРs Р·Р°С†РsР±СҖ. РμСҖРө
РiСҖРөРiРөРSPμРSPSC- Р»С-РєСҖРIP°РSPSCҖ РrСҖР»РsРєС†РμС,РөРSPsРj РrРsР·СҖ С†Р»С-Рr
РiРsС†С,СҖРiРsРIPs Р·РjРμРSC€СҖРIP°С,Рө РiСҖРsС,СҖРiРsРj РiРμСҖС-РsРrСҖ
РiСҖРөРSP°Р№РjРSC- РiС-Рr 1 РrРs 2 С,РөР¶РSC-Рi, С%РsР± Р·РjРμРSC€РөС,Рө СҖРөР·РөРө
С†РөРjРiС,РsРjС-Рi РiС-РrРjС-РSPө (РrРөРi. СҖРsР·РrС-Р»Рө В«РҖСҖРsР±Р»РөРIPsС†С,С-
Р·Р°С†С,РsС†СҖРIP°РSPSCҖВ) С,Р° В«РμРsР±С-С±РSC- СҖРμР°С†С-С—В»). РiРєС%Рs
РiС-С†Р»СҖ Р·РjРμРSC€РμРSPSCҖ РrРsР·Рө Р°Р±Рs РiС-С†Р»СҖ РiСҖРөРiРөРSPμРSPSCҖ
Р»С-РєСҖРIP°РSPSCҖ РiРөРSPөР°СҖС,СҖ РSPμС†С,РμСҖРiРSC- РrР»СҖ РiР°С†С-С"РSC,Р°
С†РөРjРiС,РsРjРө, С,Рs РjРsР¶РSP° СҖРμРєРsРjРμРSPrСҖРIP°С,Рө РiС-РrРSPsРIP»РμРSPSCҖ
РiРsРiРμСҖРμРrРSCHPs РiС†С,Р°РSPsРIP»РμРSPsС— РrРsР·Рө. Р—РiРsРrРsРj Р»С-РєР°СҖ
РjРsР¶Рμ РiСҖРsРrРsРIP¶СҖРIP°С,Рө РiРsС†С,СҖРiРsРIPs Р·РjРμРSC€СҖРIP°С,Рө РrРsР·СҖ,
Р°Р»Рμ Р·С- РSPөР¶РμРSPөРj С,РμРjРiРsРj.

Р"С-С,Рө.

Р»С-РєР°СҖСҖСҖРєРөР№ Р·Р°С†С-Р± РSPμ Р·Р°С†С,РsС†РsРiС†СҖСҖС,СҖ СҖ
РiРμРrС-Р°С,СҖРөС±РSC-Р№ РiСҖР°Рє,РөС†С-.

РμРμСҖРμРrРsР·СҖРIP°РSPSCҖ.

PŸPëPjPiC,PsPjPë. P—P°C,,C—PeCfPsPIP°PSPs PIPëPiP°PrPePë PiPµCḡPµPrPsP·CfPIP°PSPSCḡ
 PiCḡPë P·P°CfC,PsCfCfPIP°PSPSC— PrCfP»PsPeCfPµC,PëPSCf 5400 PjPi CḡPe
 PjPsPSPsC,PµCḡP°PiC—C— P°P±Ps Cḡ PePsPjP±C—PSP°C†C—C— P· C—PSCëPëPjPë
 P»C—PeP°CḡCfCHPePëPjPë P·P°CfPsP±P°PjPë. P”PµPeC—P»CHPeP° P»PµC,P°P»CHPSPëC...
 PIPëPiP°PrPeC—PI P·P°C,,C—PeCfPsPIP°PSPs PSP°CfP°PjPiPµCḡPµPr PiCḡPë P·PjC—CëP°PSPsPjCf
 PiPµCḡPµPrPsP·CfPIP°PSPSC—, P°P»Pµ P±CfP»Pë C,P°PePsPḡ P»PµC,P°P»CHPSC—
 PIPëPiP°PrPePë PiC—CfP»Cḡ P·P°CfC,PsCfCfPIP°PSPSCḡ PrCfP»PsPeCfPµC,PëPSCf
 PsPeCḡPµPjPs Cḡ PrPsP·C— PiCḡPëP±P»PëP·PSPs 1000 PjPi. PhP·PSP°PePë C,P° CfPëPjPiC,PsPjPë
 PiPµCḡPµPrPsP·CfPIP°PSPSCḡ (PrCfP»PsPeCfPµC,PëPS PsPeCḡPµPjPs P°P±Ps PI
 PePsPjP±C—PSP°C†C—C— P· C—PSCëPëPjPë P»C—PeP°CḡCfCHPePëPjPë P·P°CfPsP±P°PjPë)
 PIPeP»CHC±P°P»Pë CfPsPSP»PëPIC—CfC,CH, PePsPjCf, CfPµCḡPsC,PsPSC—PSPsPIPëPNḡ
 CfPëPSPPrCḡPsPj, CfCfPrPsPjPë, P±P»CHPIP°PSPSCḡ C,P° C,P°C...C—PeP°CḡPrC—CH.
PŸPëPjPiC,PsPjPë PiPµCḡPµPrPsP·CfPIP°PSPSCḡ (PiPµCḡPµPIP°PḡPSPs PiCḡPë PiCḡPëPNḡPsPjC—
 Cḡ PePsPjP±C—PSP°C†C—C— P· C—PSCëPëPjPë PiCḡPµPiP°CḡP°C,P°PjPë) PIPeP»CHC±P°P»Pë
 CfPsPSP»PëPIC—CfC,CH, PePsPjCf, CfPµCḡPsC,PsPSC—PSPsPIPëPNḡ CfPëPSPPrCḡPsPj,
 PµPiC—P»PµPiC,PëC±PSC— PSP°PiP°PrPë, P±P»CHPIP°PSPSCḡ C,P° C,P°C...C—PeP°CḡPrC—CH.

PŸPiPµC†PëC,,C—C±PSC— P°PSC,PëPrPsC,Pë PSPµPIC—PrPsPjC—, PiCḡPë PiPsCḡPIC—
 CfPµCḡPsC,PsPSC—PSPsPIPsPiPs CfPëPSPPrCḡPsPjCḡ PSPµPsP±C...C—PrPSPµ
 CfPiPµC†PëC,,C—C±PSPµ P»C—PeCfPIP°PSPSCḡ (C†PëPiCḡPsPiPµPiC,P°PrPëPS C,P°/P°P±Ps
 PePsPSC,CḡPsP»CH C,PµPjPiPµCḡP°C,CḡCḡPë). PkPµPsP±C...C—PrPSPs PiPµCḡPµPIC—CḡPëC,Pë
 PiCḡPsC...C—PrPSC—CfC,CH PrPëC...P°P»CHPSPëC... CëP»CḡC...C—PI.
 P PµPePsPjPµPSPPrCfC”C,CHCfCḡ PjPsPSC—C,PsCḡPëPSPi CfPµCḡC†PµPIPsC—
 PrC—CḡP»CHPSPsCfC,C— C,P° PePsPSC,CḡPsP»CH PsCfPSPsPIPSPëC... PiPsPeP°P·PSPëPeC—PI
 PḡPëC,C,C”PrC—CḡP»CHPSPsCfC,C— CḡP°P·PsPj C—P· PIC—PrPiPsPIC—PrPSPëPjPë
 CfPëPjPiC,PsPjP°C,PëC±PSPëPjPë C— PiC—PrC,CḡPëPjCfCHC±PëPjPë P·P°C...PsPrP°PjPë.
 PµCḡPsPjPëPIP°PSPSCḡ CëP»CfPSPeP° PjPsPḡPµ P±CfC,Pë PrPsC†C—P»CHPSPëPj, CḡPeC%Ps
 PIPsPSPs PiCḡPsPIPsPrPëC,CHCfCḡ PsPrCḡP°P·Cḡ PiC—CfP»Cḡ PiCḡPëPNḡPsPjCḡ
 PiCḡPµPiP°CḡP°C,Cḡ P°P±Ps P· CfPëPjPiC,PsPjP°C,PëC±PSPsCH PjPµC,PsCH.
 PhPeC,PëPIPsPIP°PSPµ PICfPiC—P»P»Cḡ P·PjPµPSCëCfC” P°P±CfPsCḡP±C†C—CH
 PiCḡPµPiP°CḡP°C,Cḡ. P”CfP»PsPeCfPµC,PëPS PjP°C” PIPµP»PëPePëPNḡ PsP±bḡ™C”Pj
 CḡPsP·PiPsPrC—P»Cḡ PI PsCḡPiP°PSC—P·PjC—, Cḡ P·Piḡḡ™CḡP·PeCḡ P· C±PëPj
 C,,PsCḡCfPsPIP°PSPëPNḡ PrC—CḡCḡPµP·, PiPµPjPsPiPµCḡC,,CḡP·C—Cḡ C,P° PsP±PjC—PSPSP°
 PiPµCḡC,,CḡP·C—Cḡ PSP°PICḡCḡPr C±Pë P±CḡPrCfC,CH PePsCḡPëCfPSC—.

PµPsP±C—C±PSC— CḡPµP°PeC†C—C—.

PkP°PNḡC±P°CfC,C—CëPµ PiPsPIC—PrPsPjP»CḡP»Pë PiCḡPs P·P°PiP°PjPsCḡPsC±PµPSPSCḡ,
 PSCfPrPsC,Cḡ C— PiPsP»PsPIPSPëPNḡ P±C—P»CH, CfCfC...C—CfC,CH Cḡ CḡPsC,C—,
 CfPsPSP»PëPIC—CfC,CH CḡPe PiCḡPs PSPµCfPiCḡPëCḡC,P»PëPIC— CfPëPjPiC,PsPjPë PiCḡPë
 PiCḡPëPNḡPsPjC— PrCfP»PsPeCfPµC,PëPSCf. PhPrPSP°Pe P±C—P»CHCëC—CfC,CHB
 PiPsP±C—C±PSPëC... CḡPµP°PeC†C—PNḡ P±CḡP»Pë P»PµPiPePëPjPë C,P° PiPsPjC—CḡPSPëPjPë,
 PIPsPSPë P·P°P·PIPëC±P°PNḡ PiPsC±PëPSP°P»PëCfCḡ PSP° CḡP°PSPSC—PNḡ CfC,P°PrC—C—
 C,PµCḡP°PiC—C—, P±C—P»CHCëC—CfC,CH C—P· PSPëC... P·PSPëPeP°P»Pë, PSP°PIC—C,CH
 CḡPeC%Ps P»C—PeCfPIP°PSPSCḡ P±CḡP»Ps PiCḡPsPrPsPIPḡPµPSPs. Pj C,P°P±P»PëC†C—
 PSP°PIPµPrPµPSPs PiPsP±C—C±PSC— CḡPµP°PeC†C—C—, CḡPeC—
 CfPiPsCfC,PµCḡC—PiP°P»PëCfCḡ PiCḡPë PiCḡPëPNḡPsPjC— PrCfP»PsPeCfPµC,PëPSCf,
 PIC—PrPiPsPIC—PrPSPs PrPs PrP°PSPëC..., PsC,CḡPëPjP°PSPëC... P·C— CfPiPsPSC,P°PSPSPëC...
 P·PIC—C,C—PI C,P° Cḡ PiCḡPsC†PµCfC— PiP»P°C†PµP±PsPePsPSC,CḡPsP»CHPsPIP°PSPëC...

PeP»C-PSC-C±PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ.

PhC†C-PSPeP° C±P°CÍC,PsC,Pë: PrCÍP¶Pµ C±P°CÍC,Ps (≥ 1/10), C±P°CÍC,Ps (≥ 1/100 C,P° < 1/10), PSPµC±P°CÍC,Ps (≥ 1/1000 C,P° < 1/100), CĤC-PrPePs (≥ 1/10000 C,P° < 1/1000), PrCÍP¶Pµ CĤC-PrPePs (< 1/10000).

P"CrP¶Pµ C±P°CÍC,Ps	P\$P°CÍC,Ps	PkPµC±P°CÍC,Ps	P C-PrPePs	P"CrP¶Pµ CĤC-PrPePs	P\$P°CÍC,PsC,P°
P†PSC,,PµPeC†C-C— C,P° C-PSPIP°P-C-C—					
		P»P°CĤPëPSPiC-C,			
P— P±PsPeCé PµPSPPrPsPeCĤPëPSPSPsC— CÍPëCÍC,PµPjPë					
			P"C-PiPsC,PëCĤPµPsP·		
P— P±PsPeCé C-PjCéPSPSPsC— CÍPëCÍC,PµPjPë					
			PĥPSP°C,,C-P»P°PeC,PëC±PSC-CĤPµP°PeC†C-C—, PiC-PiPµCĤC†CfC,P»PëPIC-CÍC,CĤ		
PĥPµC,P°P±PsP»C-C±PSC- CĤPsP·P»P°PrPë					
	P—PSPëP¶PµPSPSCİ P°PiPµC,PëC,Cf	P"C-PiPµCĤPiP»C-PePµPjC-Cİ, (PsCÍPsP±P»PëPiPs Cf PiP°C†C-C"PSC,C-PI C-P· PrC-P°P±PµC,PsPj)	P"PiPiC-PrCĤP°C,P°C†C-Cİ, PiC-PiPsPSP°C,CĤC-C"PjC-Cİ, PSPµPrPsCÍC,P°C,PSC-CÍC,CĤ PĥP"P°6		
P— P±PsPeCé PiCÍPëC...C-PePë					
	P"PiP·CÍPsPSPSCİ, P°P¶PëC,P°C†C-Cİ, P·PSPëP¶PµPSPSCİ P»C-P±C-PrPs, C,CĤPëPiPsP¶PSC-CÍC,CĤ, P°PSPsPjP°P»CĤPSC-PIPëPrC-PSPSCİ C,P° P°PSPsPjP°P»CĤPSPëPñ PsCĤPiP°P·Pj	P PsP·P»P°PrPë CÍPSCf, P±CĤCfPeCÍPëP·Pj, PrPµP·PsCĤC-C"PSC,P°C†C-Cİ, P°PiP°C,C-Cİ, CÍCfC-C†PëPrP°P»CĤPSPµ PjPëCÍP»PµPSPSCİ ^{5,7}	PĥP°PSC-Cİ, PiP°P»CĤC†PëPSP°C†C-C—,B PiCĤPsCİPiPë P°PiCĤPµCÍC-C— C,P° P·P»PsCÍC,C- ⁴ , CÍCfC-C†PëPrP°P»CĤPSP° PiPsPiPµPrC-PSPeP° ^{5,7}		
P— P±PsPeCé PSPµCĤPiPsPiPsC— CÍPëCÍC,PµPjPë					
P"PsP»PsPiPSPëPñ P±C-P»CĤ, CÍPsPSP»PëPIC-CÍC,CĤ	PĥCĤPµPjPsCĤ, PiP°CĤPµCÍC,PµP·C-Cİ, P·P°PiP°PjPsCĤPsC±PµPSPSCİ, P»PµC,P°CĤPiC-Cİ	PĥC-PsPeP»PsPSC-Cİ, P°PeP°C,PëP·C-Cİ ⁷ , PSPµCĤPiPsP·PSC-CÍC,CĤ, CĤPsP·P»P°PrPë CfPiP°PiPë, PrPëCÍPeC-PSPµP·C-Cİ, PiPsCĤCfC€PµPSPSCİ CÍPjP°PeCf, CÍPëPSPrCĤPsPj PSPµCÍPiPsPeC-PñPSPëC... PSC-Pi, PiPsPiP°PSPëPñ CÍPsPS	PŸPµCĤPsC,PsPSC-PSPsPiPëPñ CÍPëPSPrCĤPsPj ⁶ , CÍCfPrPsPjPë ¹ , PiCÍPëC...PsPjPsC,PsCĤPSPµ P·P°PSPµPiPsPePsC"PSPSCİ ⁶ , PµPeCÍC,CĤP°PiC-CĤP°PjC-PrPSC-CĤPsP·P»P°PrPë ⁶		
P— P±PsPeCé PsCĤPiP°PSC-PI P·PsCĤCé					
	PkPµC†C-C,PeC-CÍC,CĤ P·PsP±CĤP°P¶PµPSPSCİ	PĥC-PrCĤC-P°P, CĤPsP·P»P°PrPë P·PsCĤCf	P"P»P°CfPePsPjP°		
P— P±PsPeCé PsCĤPiP°PSC-PI CÍP»CéC...Cé C- P»P°P±C-CĤPëPSC,Cé					
	P"P·PIC-PS Cf PICfC...P°C... ¹	P—P°PiP°PjPsCĤPsC±PµPSPSCİ, P±C-P»CĤ Cf PICfC...P°C...			

$P - P \pm PsPeCz \text{ } \overline{C}H\overline{P}u\overline{P}i\overline{C}H\overline{P}sPrCzPeC, \overline{P}e\overline{P}IPSPsC - \overline{C}F\overline{P}e\overline{C}F\overline{C}, \overline{P}u\overline{P}i\overline{P}e$			
$\overline{P} \cdot \overline{C}H\overline{P}u\overline{P}eC, \overline{P}e\overline{P} \cdot \overline{C}H\overline{P}SP^{\circ}$ $\overline{P}r\overline{P}e\overline{C}F\overline{C}, \overline{C}f\overline{P}SPeC\overline{C} - \overline{C}u,$ $\overline{P}i\overline{P}s\overline{C}H\overline{C}f\overline{C}e\overline{P}u\overline{P}SPSCu$ $\overline{P}u\overline{C}u\overline{P}eCf\overline{P} \cdot \overline{C}u\overline{C}u\overline{C} - \overline{C},$ $\overline{P} \cdot \overline{P}^{\circ}C, \overline{C}H\overline{P}e\overline{P}j\overline{P}e\overline{P}^{\circ}$ $\overline{P}u\overline{C}u\overline{P}eCf\overline{P} \cdot \overline{C}u\overline{C}u\overline{C} - \overline{C}$	$\overline{P}u\overline{P}u\overline{P}SC\overline{C}F\overline{C}, \overline{C}H\overline{C}f\overline{P}^{\circ} \cdot \overline{C}H\overline{P}SC -$ $\overline{C}H\overline{P}s\overline{P} \cdot \overline{P}^{\circ} \overline{P}r\overline{P}e, \overline{C}F\overline{C}, \overline{P}^{\circ}C, \overline{P}u\overline{P}IC -$ $\overline{C}H\overline{P}s\overline{P} \cdot \overline{P}^{\circ} \overline{P}r\overline{P}e,$ $\overline{P}iC - \overline{P}SPu\overline{P}e\overline{P}s \cdot \overline{P}s\overline{P}iC - \overline{C}f\overline{P}SC -$ $\overline{P}e\overline{C}H\overline{P}s\overline{P}IPsC, \overline{P}u\overline{C}u\overline{C} - \overline{P} \pm C - \overline{P} \cdot \overline{C}H\overline{C}f\overline{C}$ $\overline{C}u\overline{C}u\overline{C}^{\circ} \overline{C}Pe\overline{P}^{\circ}C...$	$\overline{P}Y\overline{P}e\overline{P}j\overline{P}iC, \overline{P}s\overline{P}j\overline{P}e\overline{P}j\overline{P}u\overline{P}SPs\overline{P}i\overline{P}^{\circ} \overline{C}f\overline{P} \cdot \overline{P}e,$ $\overline{P}i\overline{P}^{\circ} \overline{P} \cdot \overline{P}^{\circ} \overline{P}eC, \overline{P}s\overline{C}H\overline{P}u\overline{C}u,$ $\overline{P}iC - \overline{P}i\overline{P}u\overline{C}H\overline{P}i\overline{C}H\overline{P}s\overline{P} \cdot \overline{P}^{\circ} \overline{P}eC, \overline{P}e\overline{P}SPu\overline{P}jC - \overline{C}u,$ $\overline{P}iC - \overline{C}F\overline{P} \cdot \overline{C}u\overline{P}i\overline{P}s\overline{P} \cdot \overline{P}s\overline{P}i\overline{P}s\overline{P}IPe\overline{P}N_e$ $\overline{P}e\overline{C}H\overline{P}s\overline{P}IPs\overline{P}IPe\overline{P} \cdot \overline{P}e\overline{P}i$	
$\overline{P} - \overline{P}^{\circ} \overline{P}i\overline{P}^{\circ} \overline{P} \cdot \overline{C}H\overline{P}SC - \overline{C}H\overline{P}s\overline{P} \cdot \overline{P}^{\circ} \overline{P}r\overline{P}e$			
$\overline{P}u\overline{P}^{\circ} \overline{P}rC - \overline{P}SPSCu^{\circ},$ $\overline{P}iC, \overline{P}s\overline{P}j\overline{P} \cdot \overline{C}H\overline{P}IP^{\circ} \overline{P}SC - \overline{C}F\overline{C}, \overline{C}H$	$\overline{P}^{\circ}C - \overline{P} \cdot \overline{C}H\overline{C}f\overline{C} \overline{P}r\overline{C}u\overline{C}...^{\circ},$ $\overline{P}i\overline{P}s\overline{P}i\overline{P}^{\circ} \overline{P}SPu$ $\overline{C}F\overline{P}^{\circ} \overline{P}j\overline{P}s\overline{P}i\overline{P}sC\overline{C}f\overline{C}, \overline{C}, \overline{C}u,$ $\overline{P}iC - \overline{P}r\overline{C}f\overline{C}f\overline{C}, \overline{C}, \overline{C}u$ $\overline{C}... \overline{P}s\overline{P} \cdot \overline{P}s\overline{P}r\overline{C}f, \overline{P}iC - \overline{P}r\overline{C}f\overline{C}f\overline{C}, \overline{C}, \overline{C}u$ $\overline{P}i\overline{P}s\overline{P}IP^{\circ} \overline{P}^{\circ} \overline{P}SPSCu \overline{P}j\overline{C}f\overline{C}H\overline{P}^{\circ} \overline{C}e\overline{P}s\overline{P}e,$ $\overline{C}F\overline{P}i\overline{C}H\overline{P}^{\circ} \overline{P}i\overline{P}^{\circ}, \overline{P}SPu\overline{P} \cdot \overline{P}r\overline{C}f\overline{P}i\overline{P}^{\circ} \overline{P}SPSCu,$ $\overline{P}iC - \overline{P}r\overline{C}f\overline{C}f\overline{C}, \overline{C}, \overline{C}u \overline{P}i\overline{P}^{\circ} \overline{P}H\overline{C}f,$ $\overline{P}i\overline{P}s\overline{C}H\overline{C}f\overline{C}e\overline{P}u\overline{P}SPSCu \overline{C}... \overline{P}s\overline{P}r\overline{P}e$		
$\overline{P} \overline{P}u\overline{P} \cdot \overline{C}z\overline{P} \cdot \overline{C}H\overline{C}, \overline{P}^{\circ}C, \overline{P}e \overline{P}r\overline{P}s\overline{C}F\overline{P} \cdot \overline{C} - \overline{P}r\overline{P}i\overline{P}u\overline{P}SCH$			
$\overline{P} - \overline{P}SPe\overline{P}i\overline{P}u\overline{P}SPSCu \overline{P}j\overline{P}^{\circ} \overline{C}F\overline{P}e$ $\overline{C}, \overline{C} - \overline{P} \cdot \overline{P}^{\circ}$	$\overline{P} - \overline{P} \pm C - \overline{P} \cdot \overline{C}H\overline{C}e\overline{P}u\overline{P}SPSCu \overline{P}j\overline{P}^{\circ} \overline{C}F\overline{P}e$ $\overline{C}, \overline{C} - \overline{P} \cdot \overline{P}^{\circ}, \overline{P}iC - \overline{P}r\overline{P}IPe\overline{C}\% \overline{P}u\overline{P}SPSCu$ $\overline{C}H\overline{C} - \overline{P}IPSCu$ $\overline{P}e\overline{C}H\overline{P}u\overline{P}^{\circ}C, \overline{P}e\overline{P}SC - \overline{P}SC, \overline{P}s\overline{C}f\overline{C}, \overline{P}s\overline{P}eC - \overline{P}SP^{\circ} \overline{P} \cdot \overline{P}e$ $\overline{P}i \overline{P}e\overline{C}H\overline{P}s\overline{P}iC -$ $\overline{P}iC - \overline{P}r\overline{P}IPe\overline{C}\% \overline{P}u\overline{P}SPSCu \overline{C}H\overline{C} - \overline{P}IPSCu$ $\overline{P}e\overline{P}^{\circ} \overline{P} \cdot \overline{C} - \overline{C}H\overline{C}f\overline{C} \overline{P}e\overline{C}H\overline{P}s\overline{P}iC -$	$\overline{P}u\overline{C} - \overline{P}r\overline{P}IPe\overline{C}\% \overline{P}u\overline{P}SPSCu \overline{C}H\overline{C} - \overline{P}IPSCu$ $\overline{C}... \overline{P}s\overline{P} \cdot \overline{P}u\overline{C}f\overline{C}, \overline{P}u\overline{C}H\overline{P}s\overline{P} \cdot \overline{C}f \overline{P}i \overline{P}e\overline{C}H\overline{P}s\overline{P}iC -$	

$$^4 \text{ P}\ddot{\text{U}}\text{C}\ddot{\text{H}}\text{P}\text{s} \text{ P}\ddot{\text{I}}\text{P}\ddot{\text{e}}\text{P}\ddot{\text{i}}\text{P}^\circ \text{P}\ddot{\text{r}}\text{P}\ddot{\text{e}}\text{P}\ddot{\text{e}} \text{ P}^\circ \text{P}\ddot{\text{i}}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{u}}\text{C}\ddot{\text{I}}^\circ\text{C}-\text{C}-\text{C}, \text{P}^\circ \text{P} \cdot \text{P} \gg \text{P}\text{sC}\ddot{\text{I}}^\circ\text{C}, \text{C}-\text{P}\ddot{\text{i}}\text{P}\text{sP}\text{I}\text{C}-\text{P}\ddot{\text{r}}\text{P}\text{sP}\ddot{\text{j}}\text{P} \gg \text{C}\ddot{\text{I}}\text{P} \gg \text{P}\ddot{\text{e}} \text{ P}\text{S}\text{P}^\circ$$

PiPsC†P°C,PeCf P»C-PeCfPIP°PSPSCl C- PiC-CfP»C PiCtjPePiPePSPµPSPSCl
P»C-PeCfPIP°PSPSCl.

⁵ PµCtjPs PIPëPiP°PrPePë CfCfC—C†PëPrP°P»CHbPSPsPiPs PjPëCfP»PµPSPSCl C,P°
CfCfC—C†PëPrP°P»CHbPSPsC— PiPsPIPµPrC-PSPePë PiPsPIC-PrPsPjP»CIP»Pë PSP°
PiPsC†P°C,PeCf P»C-PeCfPIP°PSPSCl P№ PsPrCtjP°P·Cf PiC-CfP»C PiCtjPePiPePSPµPSPSCl
P»C-PeCfPIP°PSPSCl.

⁶ P'CfC,P°PSPsPIP»PµPSP° C†P°CfC,PsC,P° PiPsP±C-C†PSPëC... CtjPµP°PeC†C-P№ P·
PiPsCfC,PjP°CtjPePµC,PëPSPiPsPIPëC... PrPsCfP»C-PrP¶PµPSCb, C%Ps PSPµ
CfPiPsCfC,PµCtjC-PiP°P»PëCfC Cf PiP»P°C†PµP±PsPePsPSC,CtjPsP»CHbPsPIP°PSPëC...
PeP»C-PSC-C†PSPëC... PrPsCfP»C-PrP¶PµPSPSClC....

⁷ PŸC,P°C,PëCfC,PëC†PSPs P·PSP°C†CfC%Pµ PSPµ PIC-PrCtjC-P·PSClCtjC,CHbCfC PIC-Pr
PiP»P°C†PµP±Ps.

⁸ P'PëPiP°PrPePë PiP°PrC-PSPSCl P±CfP»Pë P±C-P»CHbC C†P°CfC,PëPjPë Cf
PiP°C†C-C"PSC,C-PI P»C-C,PSCbPsPiPs PIC-PeCf (≥ 65 CtjPsPeC-PI).

⁹ P PsP·CtjP°C...CfPSPePsPIP° C†P°CfC,PsC,P° T'CtjCfPSC,CfC"C,CHbCfCl PSP°
PsCfPSPsPIC- CfCfC-C... PrP°PSPëC... PeP»C-PSC-C†PSPëC... PIPëPiCtjPsP±CfPIP°PSCb.

¹⁰ PhCtjC-C"PSC,PsPIPSP° C†P°CfC,PsC,P° PSP° PsCfPSPsPIC-
PiP»P°C†PµP±PsPePsPSC,CtjPsP»CHbPsPIP°PSPëC... PeP»C-PSC-C†PSPëC...
PrPsCfP»C-PrP¶PµPSCb.

B B B B B B B B B B

PhPiPëCf PsPeCtjPµPjPëC... PiPsP±C-C†PSPëC... CtjPµP°PeC†C-P№

PµCtjPePiPePSPµPSPSCl P·P°CfC,PsCfCfPIP°PSPSCl PrCfP»PsPeCfPµC,PëPSCf
(PsCfPsP±P»PëPIPs CtjP°PiC,PsPIPµ) PiCtjPeP·PIPsPrPëC,CHb PrPs CfPëPjPiC,PsPjC-PI
PIC-PrPjC-PSPë. P—P°PiP°PjPsCtjPsC†PµPSPSCl, CfPµPSCfPsCtjPSC- PiPsCtjCfC€PµPSPSCl
(PIPeP»CHbC†P°CHbC†Pë PiP°CtjPµCfC,PµP·C-C— P°P±Ps PIC-PrC†CfC,C,Cl
PµP»PµPeC,CtjPëC†PSPsPiPs CfC,CtjCfPjCf, PsCfPsP±P»PëPIPs PI PiPsP»PsPIC-),
PiPsCtjCfC€PµPSPSCl CfPSCf (PIPeP»CHbC†P°CHbC†Pë P±PµP·CfPsPSPSCl C,P°
P°PSPsPjP°P»CHbPSC- CfPSPsPIPëPrC-PSPSCl), PIC,PsPjP°, CfPsPSP»PëPIC-CfC,CHb,
P°P¶PëC,P°C†C-Cl P°P±Ps C,CtjPëPIPsPiP°, PSCfPrPsC,P° C,P°/P°P±Ps P±P»CHbPIP°PSPSCl,
C,CtjPµPjPsCtj, PiPsP»PsPIPSPëP№ P±C-P»CHb, PjC-P°P»PiC-Cl, PrCtjP°C,C-PIP»PëPIC-CfC,CHb,
PrC-P°CtjPµCl, PiC-PiPµCtjPiC-PrCtjPsP· C,P° P·P°PiP°PjPsCtjPsC†PµPSPSCl bŸ" C†Pµ
PSP°P№PiPsC€PëCtjPµPSC-C€C- CtjPµP°PeC†C-C—.

P—P°P·PIPëC†P°P№ PiCtjPe P»C-PeCfPIP°PSPSC- PŸP†P—P—PŸ C,P° P†P—P—PŸK C†C-
CtjPµP°PeC†C-C— C" P»PµPiPePëPjPë P°P±Ps PiPsPjC-CtjPSPëPjPë C,P° P·PSPëPeP°CHb,CHb
CfP°PjC- CfPsP±PsCHb, PsPrPSP°Pe Cf PrPµClPePëC... PiP°C†C-C"PSC,C-PI PIPsPSPë
PjPsP¶CfC,CHb P±CfC,Pë CfPµCtjP№PsP·PSPëPjPë C,P°/P°P±Ps C,CtjPëPIP°P»PëPjPë. PŸPsPjCf,
ClPeC%Ps P»C-PeCfPIP°PSPSCl PrCfP»PsPeCfPµC,PëPSPsPj P±C-P»CHbC€Pµ PSPµ
PiPsC,CtjC-P±PSPs, CtjPµPePsPjPµPSPPrCfC"C,CHbCfCl PiPsCfC,CfPiPsPIPµ
PiCtjPePiPePSPµPSPSCl P·P°CfC,PsCfCfPIP°PSPSCl C†PµCtjPµP· P·PjPµPSC€PµPSPSCl
PrPsP·Pë (PrPëPI. CtjPsP·PrC-P»Pë B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSClB»
C- B«PŸPiPsCfC-P± P·P°CfC,PsCfCfPIP°PSPSCl C,P° PrPsP·PëB»).

PJ 12-C, PëP¶PSPµPIC-PNë PiPsCÍC, CĤC-PNë C,, P°P·C- C, CĤCHPsC... PeP»C-PSC-C†PSPëC...
 PIPëPiCĤPsP±C†PIP°PSCĤ PrC†P»PsPeCÍPµC, PëPSC† Cr PïP°C†C-C" PSC, C-PI P·
 PrC-P°P±PµC, PëC†PSPëPj PSPµPICĤPsPïP°C, PëC†PSPëPj P±PsP»PµPj, CĤPeC-
 PsC, CĤPëPjC†PIP°P»Pë P»C-PeC†PIP°PSPSCĤ PrC†P»PsPeCÍPµC, PëPSPsPj,
 CÍPiPsCÍC, PµCĤC-PiP°P»PsCÍCĤ PSPµPIPµP»PëPePµ, P°P»Pµ CÍC, P°C, PëCÍC, PëC†PSPs
 P·PSP°C†C†C%µµ PiC-PrPIPëC%µµPSPSCĤ CĤC-PIPSCĤ PiP»CĤPePsP·Pë PI PeCĤPsPIC-
 PSP°C, C%µµ. HbA1c P±C†PI CÍC, P°P±C-P»CHPSPëPj CĤPe Cr PïP°C†C-C" PSC, C-PI, CĤPeC-
 P»C-PeC†PIP°P»PëCÍCH PrC†P»PsPeCÍPµC, PëPSPsPj, C, P°Pe C- Cr C, PëC..., CĤPeC-
 P·P°CÍC, PsCÍPsPIC†PIP°P»Pë PïP»P°C†PµP±Ps. PJ C,, P°P·C- PiCĤPsPrPsPIP¶PµPSPSCĤ C†PëC...
 PrPsCÍP»C-PrP¶PµPSCĤ, CĤPeP° C, CĤPëPIP°P»P° PrPs 52 C, PëP¶PSC-PI,
 CÍPiPsCÍC, PµCĤC-PiP°P»PsCÍCĤ PiC-PrPIPëC%µµPSPSCĤ CĤC-PIPSCĤ HbA1c CĤPe Cr
 PiCĤC†PiP°C... P· PrC†P»PsPeCÍPµC, PëPSPsPj, C, P°Pe C- Cr PiCĤC†PiC- CĤC†C, PëPSPSPsC—
 C, PµCĤP°PiC-C—, P°P»Pµ CÍPµCĤPµPrPSC" PiC-PrPIPëC%µµPSPSCĤ P±C†P»Ps PSP° 0,3 %
 P±C-P»CHC€Pµ Cr PiCĤC†PiC-, C%µµPs P»C-PeC†PIP°P»P°CÍCH PrC†P»PsPeCÍPµC, PëPSPsPj.
 PŸP°PePsP¶ CÍPiPsCÍC, PµCĤC-PiP°P»PsCÍCĤ PSPµPIPµP»PëPePµ PiC-PrPIPëC%µµPSPSCĤ
 CĤC-PIPSCĤ PiP»CĤPePsP·Pë PI PeCĤPsPIC- PSP°C, C%µµ C- P·P°PiP°P»CHPSPsPiPs
 C...PsP»PµCÍC, PµCĤPëPSC† Cr PïP°C†C-C" PSC, C-PI, CĤPeC- P»C-PeC†PIP°P»PëCÍCĤ
 PrC†P»PsPeCÍPµC, PëPSPsPj, C, PsPrC- CĤPe C†C- P»P°P±PsCĤP°C, PsCĤPSC-
 PïPsPeP°P·PSPëPePë P±C†P»Pë PSPµP·PSP°C†PSPs P·PjPµPSC€PµPSC- Cr PiCĤC†PiC-
 CĤC†C, PëPSPSPsC— C, PµCĤP°PiC-C—.

P†PSC, PµCĤPIP°P» QT, CÍPePsCĤPëPiPsPIP°PSPëPNë P·P° C†P°CÍC, PsC, PsCĤ
 CÍPµCĤC†PµPIPëC... CÍPePsCĤPsC†PµPSCĤ, Cr PïP°C†C-C" PSC, C-PI, CĤPeC-
 P»C-PeC†PIP°P»PëCÍCĤ PrC†P»PsPeCÍPµC, PëPSPsPj, PSPµ PIC-PrCĤC-P·PSCĤPICÍCĤ PIC-Pr
 PïPsPeP°P·PSPëPeP° Cr PïP°C†C-C" PSC, C-PI, CĤPeC- PsC, CĤPëPjC†PIP°P»Pë PïP»P°C†PµP±Ps.
 P-PsPrPSPëC... PeP»C-PSC-C†PSPs P·PSP°C†C†C%µµPëC... PIC-PrPjC-PSPSPsCÍC, PµPNë PSPµ
 CÍPiPsCÍC, PµCĤC-PiP°P»PsCÍCĤ Cr PïPsPeP°P·PSPëPeP°C... QT, PR, QRS P°P±Ps QTcB PjC-P¶
 PïP°C†C-C" PSC, P°PjPë, CĤPeC- PsC, CĤPëPjC†PIP°P»Pë PrC†P»PsPeCÍPµC, PëPS C-
 PïP»P°C†PµP±Ps.

PJ PïP°C†C-C" PSC, C-PI C-P· C, PµCĤPjC-PSP°P»CHPSPsCĤ CÍC, P°PrC-C" CĤ PSPëCĤPePsPIPsC—
 PSPµPrPsCÍC, P°C, PSPsCÍC, C- (PeP»C-CĤPµPSC† PeCĤPµP°C, PëPSC-PSC† < 30 PjP»/C...PI),
 CĤPeC- PiPµCĤPµP±C†PIP°CĤC, CH PSP° PiPµPjPsPrC-P°P»C-P·C-,
 CÍPiPsCÍC, PµCĤC-PiP°C"C, CHCÍCĤ PiC-PrPIPëC%µµPSPSCĤ CĤC-PIPSCĤ
 PrC†P»PsPeCÍPµC, PëPSC† Cr PïP»P°P·PjC- PeCĤPsPIC-.

PµPsPIC-PrPsPjP»CĤP»Pë PiCĤPs PSPµP·PSP°C†PSPµ PiC-PrPIPëC%µµPSPSCĤ CĤC-PIPSCĤ
 PeP°P»C-CĤ PI PeCĤPsPIC-. PķPµC†P°CÍC, Ps CÍPiPsCÍC, PµCĤC-PiP°P»PëCÍCĤ
 C, CĤP°PSP·PëC, PsCĤPSC- P°PSPsPjP°P»CHPSC- P·PSP°C†PµPSPSCĤ CĤC-PIPSCĤ PeP°P»C-CĤ
 Cr PïP°C†C-C" PSC, C-PI, CĤPeC- PiCĤPëPNëPjP°P»Pë PrC†P»PsPeCÍPµC, PëPS,
 PïPsCĤC-PIPSCĤPSPs P· PïP»P°C†PµP±Ps.

P—PIC-C, C¿PIP°PSPSCĤ PiCĤPs PiC-PrPsP·CĤCHPIP°PSC- PïPsP±C-C†PSC- CĤPµP°PeC†C-C—

PJ CĤP°P·C- PIPëPSPëPePSPµPSPSCĤ PïPsP±C-C†PSPëC... PµC,, PµPeC, C-PI C, P°
 P·P°PiPëC, P°PSCĤ C%µµPsPrPs P±PµP·PiPµPePë P·P°CÍC, PsCÍC†PIP°PSPSCĤ
 P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±C† PiCĤPsCÍPëPjPs P·PIPµCĤC, P°C, PëCÍCĤ PrPs
 PiCĤPµPrCÍC, P°PIPSPëC†C, PIP° B<PķPrP°PjPµPr PαP°CĤPjP° PŸ.Pķ.B» P·P° P°PrCĤPµCÍPsCĤ:

P±CfP»CHPI. P>PμCfC- PJPeCfP°C—PSPePë, 23, PsC,,C-Cf 2,B PJ. PñPëC—PI, 01133, C,PμP»: 38 044 374 67 55.

PμPsPIC-PrPsPjP»PμPSPSCf Π PïCfPs PïPsP±C-C±PSC- CfPμP°PeC†C-C— PïC-CfP»Cf Π CfPμC”CfC,CfP°C†C-C— P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf PjP°C” PIP°P¶P»PëPIPμ P·PSP°C±PμPSPSCf. PιPμ PrP°C” P·PjPsPiCf PïCfPsPIPsPrPëC,Pë PjPsPSC-C,PsCfPëPSPi CfPïC-PIPIC-PrPSPsC€PμPSPSCf Π PePsCfPëCfC,CH/CfPëP·PëPe PïCfPë P·P°CfC,PsCfCfPIP°PSPSC- C†CHPsPiPs P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf. PñPμPrPëC±PSPëPj C,P° C,,P°CfPjP°C†PμPIC,PëC±PSPëPj PïCfP°C†C-PIPSPëPeP°Pj, P° C,P°PePsP¶ PïP°C†C-C”PSC,P°Pj P°P±Ps C—C... P·P°PePsPSPSPëPj PïCfPμPrCfC,P°PIPSPëPeP°Pj CfP»C-Pr PïPsPIC-PrPsPjP»CfC,Pë PïCfPs CfCfC- PIPëPïP°PrPePë PïC-PrPsP·CfCfPIP°PSPëC... PïPsP±C-C±PSPëC... CfPμP°PeC†C-PNë C,P° PIC-PrCfCfC,PSPsCfC,C- PμC,,PμPeC,PëPIPSPsCfC,C- P»C-PeP°CfCfCHPePsPiPs P·P°CfPsP±Cf C±PμCfPμP· PñPIC,PsPjP°C,PëP·PsPIP°PSCf C-PSC,,PsCfPjP°C†C-PNëPSCf CfPëCfC,PμPjCf P· C,,P°CfPjP°PePsPSP°PiP»CfPrcf P·P° PïPsCfPëP»P°PSPSCfPj: <https://aisf.dec.gov.uaвґк>.

PŷPμCfPjC-PS PïCfPëPrP°C,PSPsCfC,C-. 3 CfPsPePë.

PJPjPsPIPë P·P±PμCfC-PiP°PSPSCf. P—P±PμCfC-PiP°C,Pë PïCfPë C,PμPjPïPμCfP°C,CfCfC- PSPμ PIPëC‰Pμ 25 B°C PI PsCfPëPiC-PSP°P»CHPSC-PNë CfPïP°PePsPIC†C-.

P—P±PμCfC-PiP°C,Pë PI PSPμPrPsCfC,CfPïPSPsPjCf PrP»Cf Π PrC-C,PμPNë PjC-CfC†C-.

PJPïP°PePsPIPeP°. PμPs 7 C,P°P±P»PμC,PsPe PePëC€PePsPIPsCfPsP·C±PëPSPSPëC... Cf P±P»C-CfC,PμCfC-; PïPs 1 P°P±Ps 4 P±P»C-CfC,PμCfPë Cf PeP°CfC,PsPSPSC-PNë PePsCfPsP±C†C-.

PñP°C,PμPiPsCfC-Cf Π PIC-PrPïCfCfPeCf. P—P° CfPμC†PμPïC,PsPj.

P’PëCfPsP±PSPëPe. PñPŷ B«PñPrP°PjPμPr PαP°CfPjP°B», PμPsP»CHC‰P°.

PñC-CfC†PμP·PSP°C...PsPrP¶PμPSPSCf PIPëCfPsP±PSPëPeP° C,P° P°PrCfPμCfP° PjC-CfC†Cf PïCfPsPIP°PrP¶PμPSPSCf Π PNëPsPiPs PrC-CfP»CHPSPsCfC,C-. PICfP». PñP°CfC€. P”P¶. PμC-P»CfCfPrCfCHPePsPiPs 5, 95-200 PμP°P±Bґ™ CfPSC-C†Pμ, PμPsP»CHC‰P°.