



RSSS-PSPμP±C-PIPsP»PsP»Cf (L-PSPμP±C-PIPsP»PsP»). P'C-PS P'PsC"PrPSCfC" PrPIC-C,,P°CfPjP°PePsP»PsPiC-CfPSC- PrC-C—:

- PIC-PS C" PePsPSPeCfCfPμPSC,PSPëPj C,P° CfPμP»PμPeC,PëPIPSPëPj P°PSC,P°PiPsPSC-CfC,PsPj β-CfPμCfPμP'c,PsCfC-PI: CfPμP№ PμC,,PμPeC, P'PsCfCfPSCfC"C,ChCfCfCf SRRR PμPSP°PSC,C-PsPjPμCfPμPj (d-PμPSP°PSC,C-PsPjPμCfPμPj);

- PIC-PS PjP°C" Pjβf™ CfPμPeC- PIP°P·PsPrPëP»P°C,CfCfCfC- PIP»P°CfC,PëPIPScfC,C- PIPSP°CfP»C-PrPsPe PIP·P°C"PjPsPrC-C— P· L-P°CfP'c-PSC-PSPsPj/PsPeCfPëPrPsPj P°P·PsC,Cf.

PfPrPSPScfP°P·PsPIC- C,P° PiPsPIC,PsCfPSC- PrPsP·Pë PSPμP±C-PIPsP»PsP»Cf P·PSPëP¶CfCfC,Ch C±P°CfC,PsC,Cf CfPμCfCfPμPIPëC... CfPePsCfPμCfPμPSCf C,P° P°CfC,PμCfC-P°P»ChPSPëP№ C,PëCfPe Cf CfC,P°PSC- CfP'PsPePsCf C- P'cPë PSP°PIP°PSC,P°P¶PμPSPSC- CfPμ PI PsCfC-P± P· PSPScfPjP°P»ChPSPëPj P°CfC,PμCfC-P°P»ChPSPëPj C,PëCfPePsPj, C,P°Pe C- PI PsCfC-P± P· P°CfC,PμCfC-P°P»ChPSPScf PiC-P'PμCfC,PμPSP·C-Cf. PjPSC,PëPiC-P'PμCfC,PμPSP·PëPIPSPëP№ PμC,,PμPeC, P·P±PμCfC-PiP°C"C,ChCfCfCf P'cPë PrPsPIP'PsC,CfPëPIP°P»PsPjCf P»C-PeCfPIP°PSPSC-.

Pj C,PμCfP°PiPμPIC,PëC±PSPëC... PrPsP·P°C... α-P°PrCfPμPSPμCfP'c-C±PSPëP№ P°PSC,P°PiPsPSC-P·Pj PSPμ CfP'PsCfC,PμCfC-PiP°C"C,ChCfCfCf.

PμC-Pr C±P°Cf PePsCfPμC,PePsC±P°CfPSPsPiPs C,P° C,CfPëPIP°P»PsPiPs P»C-PeCfPIP°PSPSCf PSPμP±C-PIPsP»PsP»PsPj Cf P'P°CfC-C"PSC,C-PI P· P°CfC,PμCfC-P°P»ChPSPScf PiC-P'PμCfC,PμPSP·C-C"Cf P·PSPëP¶CfC"C,ChCfCfCf CfPëCfC,PμPjPSPëP№ CfCfPrPëPSPSPëP№ PsPiC-Cf. PkPμP·PIP°P¶P°CfC±Pë PSP° P·PSPëP¶PμPSPSCf C±P°CfC,PsC,Pë CfPμCfCfPμPIPëC... CfPePsCfPμCfPμPSCf, P·PjPμPSC€PμPSPSCf CfPμCfCfPμPIP'Ps PIPëPePëPrCf Cf CfC,P°PSC- CfP'PsPePsCf C,P° P'cPë PSP°PIP°PSC,P°P¶PμPSPSC- PsP±PjPμP¶PμPSPμ C±PμCfPμP· P·P±C-P»ChC€PμPSPSCf CfPrP°CfPSPsPiPs PsP±βf™ C"PjCf. PjP»C-PSC-C±PSPμ P·PSP°C±PμPSPSCf CfC-C"C— PiPμPjPsPrPëPSP°PjC-C±PSPSc— CfC-P·PSPëCfC- PiPsCfC-PIPSCfPSPs P· C-PSC€PëPjPë P±P»PsPeP°C,PsCfP°PjPëB B B B β-P°PrCfPμPSPScfPμCfPμP'c,PsCfC-PI C%Pμ PSPμPrPsCfC,P°C,PSChPs PIPëPIC±PμPSPμ.

Pj P'P°CfC-C"PSC,C-PI P· P°CfC,PμCfC-P°P»ChPSPScf PiC-P'PμCfC,PμPSP·C-C"Cf PSPμP±C-PIPsP»PsP» P'c-PrPIPëC%CfC" CfPμP°PeCfC-Cf CfCfPrPëPSPSP° P°CfPμC,PëP»C...PsP»C-PS (ACh), PsPiPsCfPμCfPμPrPePsPIP°PSCf PjPsPSPsPsPeCfPëPrPsPj P°P·PsC,Cf; Cf P'P°CfC-C"PSC,C-PI C-P· PrPëCfC,,CfPSPeCfC-C"Cf PμPSPPrPsC,PμP»C-Cf CfCf CfCfPμP°PeCfC-Cf P·PSPëP¶PμPSP°.

P'C-PrPsPjPs, C%Ps Cf P'P»P°CfPμP±Ps-PePsPSC,CfPμP»ChPμPIP°PSPëC... PrPsCfP»C-PrP¶PμPSPSCfC... P»PμC,P°P»ChPSPScfC,C--P·P°C...PIPsCfCfPIP°PSPScfC,C- P·C- CfC,P°P±C-P»ChPSPScf C...CfPμPSC-C±PSPScf CfPμCfCfPμPIPScf PSPμPrPsCfC,P°C,PSC-CfC,Cf, CfPμPeC- C,CfPëPIP°P»Pë Cf CfPμCfPμPrPSCfPμPjCf 20 PjC-CfCfCfC-PI, PSPμP±C-PIPsP»PsP» CfPμ PsCfPSPsPIPSPëP№ P»C-PeP°CfCfChPePëP№ P·P°CfC-P± Cf CfPeP»P°PrC- CfC,P°PSPPrP°CfC,PSPSc— C,PμCfP°P'c-C— CfCfC,C,C"PIPs P'cPμPPrPsPIP¶CfPIP°PI C±P°Cf PrPs PSP°CfC,P°PSPSCf P»PμC,P°P»ChPSPsPiPs PSP°CfP»C-PrPeCf P°P±Ps PiPsCfP'c-C,P°P»C-P·P°CfC-C— C±PμCfPμP· CfPμCfCfPμPIPScf CfCfPrPëPSPSCf P'P°C,PsP»PsPiC-Cf (PeC-PSCfPμPIP° C,PsC±PeP° P'PμCfPIPëPSPSPSc— PμC,,PμPeC,PëPIPSPScfC,C-). P'P'P»PëPI PSPμP±C-PIPsP»PsP»Cf PSPμ P·P°P»PμP¶P°PI PIC-Pr PIC-PeCf, CfC,P°C,C- P°P±Ps PiPsPeP°P·PSPëPeP° C,,CfP°PeCfC-C— PIPëPePëPrCf P»C-PIPsPiPs C€P»CfPSPScfPeP° PI CfC±P°CfPSPëPeC-PI PrPsCfP»C-PrP¶PμPSPSCf. PjPsCfPëCfC,Ch



P' PsCfC-P± P·C- C€PIP€PrPeP€Pj PjPµC,P°P±PsP»C-P·PjPsPj P·PSP°C‡PµPSPSCfC  
PīPµCfC-PsPrCf PSP°PīC-PIPIP€PIPµPrPµPSPSCfC PµPSP°PSC,C-PsPjPµCfC-PI  
PSPµP±C-PIPsP»PsP»Cf CfC,P°PSPsPIP»CfC,Ch Cf CfPµCfPµPrPSCfPjCf 10 PiPsPrP€PS. P'  
PsCfC-P± P· PīPsPIC-P»CHPSP€Pj PjPµC,P°P±PsP»C-P·PjPsPj C‡Pµ P·PSP°C‡PµPSPSCfC PI 3вf“5  
CfP°P·C-PI PIP€C%Pµ. P' PsCfC-P± P·C- C€PIP€PrPeP€Pj PjPµC,P°P±PsP»C-P·PjPsPj  
PePsPSC‡PµPSC,CfP°C‡C-Cf Rsss-PµPSP°PSC,C-PsPjPµCfP° PrPµC%Ps PIP€C%P°, PSC-P¶  
PePsPSC‡PµPSC,CfP°C‡C-Cf SRRR-PµPSP°PSC,C-PsPjPµCfP°. P' PsCfC-P± P·  
PīPsPIC-P»CHPSP€Pj PjPµC,P°P±PsP»C-P·PjPsPj C‡Cf CfC-P·PSP€C‡Cf P±C-P»CHC€P°.

P' PsCfC-P± P·C- C€PIP€PrPeP€Pj PjPµC,P°P±PsP»C-P·PjPsPj P·PSP°C‡PµPSPSCfC  
PīPµCfC-PsPrCf PSP°PīC-PIPIP€PIPµPrPµPSPSCfC PīC-PrCfPjPsPeCfP€PjPµC,P°P±PsP»C-C,C-PI  
PsP±PsC... PµPSP°PSC,C-PsPjPµCfC-PI CfC,P°PSPsPIP»CfC,Ch Cf CfPµCfPµPrPSCfPjCf 24  
PiPsPrP€PSP€, P° PI PsCfC-P± P· PīPsPIC-P»CHPSP€Pj PjPµC,P°P±PsP»C-P·PjPsPj C‡C-  
P·PSP°C‡PµPSPSCfC PīCfP€P±P»P€P·PSPs Cf 2 CfP°P·P€ P±C-P»CHC€C-.

PŸC,C-PM€PeP€PM€ CfC-PIPµPSCfC Cf PīP»P°P·PjC- PeCfPjPsPIC- Cf P±C-P»CHC€PsCfC,C-  
PīP°C‡C-C”PSC,C-PI P·C- C€PIP€PrPeP€Pj PjPµC,P°P±PsP»C-P·PjPsPj PrPsCfCfPīP°C”C,ChCfCfCf  
PīCfPjPsC,CfPīPsPj 24 PiPsPrP€PS, PrP»Cf PīC-PrCfPjPsPeCfP€PjPµC,P°P±PsP»C-C,C-PI вf“  
PīCfPjPsC,CfPīPsPj PrPµPeC-P»CHPePsC... PrPSC-PI.

PµPsPSC‡PµPSC,CfP°C‡C-Cf Cf PīP»P°P·PjC- PeCfPjPsPIC-, CfPeP° CfC,P°PSPsPIP€C,Ch  
PIC-Pr 1 PrPs 30 PjPi PSPµP±C-PIPsP»PsP»Cf, PīCfPjPsPīPsCfC‡C-PM€PSP° PrPs PrPsP·P€. P'C-Pe  
P»CHPrP€PSP€ PSP° C,,P°CfPjP°PePsPeC-PSPµC,P€PeCf PSPµP±C-PIPsP»PsP»Cf PSPµ  
PIPīP»P€PIP°C”.

Pj PīP»P°P·PjC- PeCfPjPsPIC- PsP±P€PrPIP° PµPSP°PSC,C-PsPjPµCfP€ PīPµCfPµPIP°P¶PSPs  
P·Pīвf™ CfP·P°PSC- P· P°P»CHP±CfPjC-PSPsPj. P—Pīвf™ CfP·CfPIP°PSPSCfC P·  
P±C-P»PeP°PjP€ PīP»P°P·PjP€ PrP»Cf SRRR-PSPµP±C-PIPsP»PsP»Cf CfC,P°PSPsPIP€C,Ch 98,1  
%, P° PrP»Cf Rsss-PSPµP±C-PIPsP»PsP»Cf вf“ 97,9 %.

PSPµCfPµP· C,P€P¶PrPµPSCfC PīC-CfP»Cf P·P°CfC,PsCfCfPIP°PSPSCfC 38 % PrPsP·P€  
PIP€PIPsPrP€C,ChCfCfCf P· CfPµC‡PµCf C- 48 % вf“ P· PeP°P»PsPj. P'P€PIPµPrPµPSPSCfC  
PSPµP·PjC-PSPµPSPsPiPs PSPµP±C-PIPsP»PsP»Cf PSP€CfPeP°PjP€ CfC,P°PSPsPIP€C,Ch  
PjPµPSC€Pµ 0,5 % PrPsP·P€.

## **РљР»С-РSC-С‡РSC- С...Р°СfP°PeC,РµСfP€CfC,Р€РeP€.**

### ***РµPsPeP°P·P°PSPSCfC.***

P·CfPµPSC‡C-P°P»CHPSP° P°CfC,PµCfC-P°P»CHPSP° PīC-PīPµCfC,PµPSP·C-Cf.  
PfCfPjPsPSC-C‡PSP° CfPµCfC‡PµPIP° PSPµPrPsCfC,P°C,PSC-CfC,Ch P»PµPīPePsPiPs  
CfC,CfPīPµPSCfC P°P±Ps PīPsPjC-CfPSPsPiPs CfC,CfPīPµPSCfC C,CfP¶PePsCfC,C- CfPe  
PrPsPīPsPIPSPµPSPSCfC PrPs CfC,P°PSPrP°CfC,PSP€C... PjPµC,PsPrC-PI P»C-PeCfPIP°PSPSCfC  
C...PIPsCfP€C... PIC-PePsPj PIC-Pr 70 CfPjPsPeC-PI.

### ***РµCfPjPsC,Р€PīPsPeP°P·P°PSPSCfC.***

- PμC-PrPIPëC%PμPSP° C±CfC,P»PëPIC-CfC,CH PrPs PrC-CHC±PsC— CηPμC±PsPIPëPSPë P°P±Ps PrPs P±CfPrCH-CfPePsC— PrPsPìPsPjC-P¶PSPsC— CηPμC±PsPIPëPSPë, C%Ps P·P·P·PSP°C±PμPSP° Cí CηPsP·PrC-P»C- B«PÿPeP»P°PrB»;

- PìPμC±C-PSPePsPIP° PSPμPrPsCfC,P°C,PSC-CfC,CH P°P±Ps PìPsCηCfCεPμPSPSCf C,,CfPSPeCfC-C— PìPμC±C-PSPePë;

- PìPsCfC,CηP° CíPμCηCfPμPIP° PSPμPrPsCfC,P°C,PSC-CfC,CH, PeP°CηPrC-PsPìPμPSPSPëPNε CεPsPe P°P±Ps PμPìC-P·PsPrPë PrPμPePsPjPìPμPSCfP°CfC-C— CíPμCηCfPμPIP°PSPμPrPsCfC,P°C,PSPsCfC,C-, C%Ps PIPëPjP°PìP°CHC,CH PIPSCfC,CηC-CεPSCHbPsPIPμPSPSPsPìPs PIPìPμPrPμPSPSCf PrC-CHC±PëC... CηPμC±PsPIPëPS C-P· PìPsP·PëC,PëPIPSPëPj C-PSPsC,CηPsPìPSPëPj PμC,,PμPeC,PsPj.

PλCηC-Pj C,PsPìPs, CfPe C- C-PSCεC- β-P±P»PsPeP°C,PsCηPë, PkPμP±C-C,PμPSP· PìCηPsC,PëPìPsPeP°P·P°PSPëPNε PìCηPë:

- CíPëPSPPrCηPsPjC- CíP»P°P±PePsCfC,C- CíPëPSCfCfPsPIP°PìPs PICfP·P»P°, PIPeP»CHC±P°CHC±Pë CíPëPSPsP°C,CηC-P°P»CHbPSCf P±P»PsPeP°PrCf;

- PηP'-P±P»PsPeP°PrC- P†P†bη“P†P†P† CíC,CfPìPμPSCf (P±PμP· CεC,CfC±PSPsPìPs PIPsPrC-Cf CηPëC,PjCf);

- P±CηPsPSC...PsCíPìP°P·PjC- C,P° P±CηPsPSC...C-P°P»CHbPSC-PNε P°CfC,PjC- Pì P°PSP°PjPSPμP·C-;

- PSPμP»C-PePsPIP°PSC-PNε C,,PμPsC...CηPsPjPsCfPëC,PsPjC-;

- PjPμC,P°P±PsP»C-C±PSPsPjCf P°CfPëPrPsP·C-;

- P±CηP°PrPëPeP°CηPrC-C— (PrPs PìPsC±P°C,PeCf P»C-PeCfPIP°PSPSCf C±P°CfC,PsC,P° CíPμCηCfPμPIPëC... CíPePsCηPsC±PμPSCb PjPμPSCεPμ 60 CíPrP°CηC-PI/C...PI);

- P°CηC,PμCηC-P°P»CHbPSC-PNε PìC-PìPsC,PμPSP·C-C— (CíPëCfC,PsP»C-C±PSPëPNε P°CηC,PμCηC-P°P»CHbPSPëPNε C,PëCfPe PjPμPSCεPμ 90 PjPj CηC,.. CíC,..);

- C,CfP¶PePëC... PìPsCηCfCεPμPSPSCfC... PìPμCηPëC,,PμCηPëC±PSPsPìPs PeCηPsPIP°P±C-PìCf).

**P·P·P°C”PjPsPrC-Cf P· C-PSCεPëPjPë P»C-PeP°CηCfCHbPePëPjPë P·P°CfPsP±P°PjPë C,P° C-PSCεC- PIPëPrPë PIP·P°C”PjPsPrC-PNε.**

PηPrPSPsC±P°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCf PSPμ CηPμPePsPjPμPSPPrCfC”C,CHCfCfCf:

P°) P· P°PSC,PëP°CηPëC,PjC-C±PSPëPjPë PìCηPμPìP°CηP°C,P°PjPë P† PeP»P°CfCf (C...C-PSC-PrPëPS, PìC-PrCηPsC...C-PSC-PrPëPS, C†PëP±PμPSP·PsP»C-PS, C,,P»PμPeP°C—PSC-Pr, PrPëP·PsPìC-CηP°PjC-Pr, P»C-PrPsPeP°C—PS, PjPμPeCfPëP»PμC,PëPS, PìCηPsPìP°C,,PμPSPsPS) bη“ PjPsP¶Pμ PìPsCíPëP»PëC,PëCfCf PrC-Cf PSP° PηP'- PìCηPsPIC-PrPSC-CfC,CH C,P° P·P±C-P»CHbCεPëC,PëCfCf PSPμPìP°C,PëPIPSPëPNε C-PSPsC,CηPsPìPSPëPNε PμC,,PμPeC,;



РμСҘРө PsPrPSPSc†P°CГPSPsPjCf P·P°CГC,PsCГCГPIP°PSPSC- CГP»C-Pr  
PICҘP°C...PsPICfPIP°C,Pe:

P°) PiP»C-PePsP·PөPrPө PiCҘCfPiPө PSP°PiPμCҘCГC,CПPSPePө BҘ“  
CГPiPsPIC-P»CHPSCҘC”C,CHCГCП PҘP’-PiCҘPsPIC-PrPSC-CГC,CH, PsPrPSP°Pe  
PeP»C-PSC-C†PSC- PrPsCГP»C-PrP¶PμPSPSCП PIPeP°P·C-PIPsPe C%PsPrPs C†C-C”C—  
PIP·P°C”PjPsPrC-C— PSPμ PrP°P»Pө. PkPμP±C-PIPsP»PsP» PSPμ PIPiP»PөPIP°C” PSP°  
PeC-PSPμC,PөPeCf PrPөPiPsPeCГPөPSCf;

P±) P°PSC,P°PiPsPSC-CГC,Pө PeP°P»CHC†C-CҘ C,PөPiCf PrPөPiC-PrCҘPsPiC-CҘPөPrPөPSCf  
(P°PjP»PsPrPөPiC-PS, C,,PμP»PsPrPөPiC-PS, P»P°C†PөPrPөPiC-PS, PSC-C,,PμPrPөPiC-PS,  
PSC-PeP°CҘPrPөPiC-PS, PSC-PjPsPrPөPiC-PS, PSC-C,CҘPμPSPPrPөPiC-PS) BҘ“  
PiC-PrPIPөC%CrC”C,CHCГCП CҘPөP·PөPe P°CҘC,PμCҘC-P°P»CHPSPSc—  
PiC-PiPsC,PμPSP·C-C—, P° Cf C...PIPsCҘPөC... C-P· CГPμCҘC†PμPIPsCҘ  
PSPμPrPsCГC,P°C,PSC-CГC,CҘ PjPsP¶Pμ PiPsPiC-CҘC€PөC,PөCГCП PSP°CГPsCГPSP°  
C,,CfPSPeC†C-CП C€P»CfPSPSc†PeC-PI;

PI) P°PSC,PөPiCГPөC...PsC,PөC†PSC-, P°PSC,PөPrPμPiCҘPμCГP°PSC,Pө  
(C,CҘPөC†PөPeP»C-C†PSC- P°PSC,PөPrPμPiCҘPμCГP°PSC,Pө, P±P°CҘP±C-C,CfCҘP°C,Pө,  
PiPsC...C-PrPSC- C,,PμPSPSc,C-P°P·PөPSCf) BҘ“ PjPsP¶Pμ PiC-PrPIPөC%CrPIP°C,PөCГCH  
P°PSC,PөPiC-PiPμCҘC,PμPSP·PөPIPsP° PrC-CП (PiCҘPөPSC†PөPi PrPsPrP°PIP°PSPSCП  
PμC,,PμPeC,C-PI);

Pi) PSPμCГC,PμCҘPsC—PrPSC- PiCҘPsC,PөP·P°PiP°P»CHPSC- P·P°CГPsP±Pө BҘ“ PSPμ  
PIPiP»PөPIP°CҘC,CH PSP° P°PSC,PөPiC-PiPμCҘC,PμPSP·PөPIPsCf PrC-CҘ  
PkPμP±C-C,PμPSP·Cf;

Pr) CГPөPjPiP°C,PsPjC-PjPμC,PөPePө BҘ“ PjPsP¶CfC,CH PiCҘPsC,PөPrC-CПC,Pө  
P°PSC,PөPiC-PiPμCҘC,PμPSP·PөPIPsC-PMө PrC-C— β-P°PrCҘPμPSPsP±P»PsPeP°C,PsCҘC-PI.  
P”C-CҘC†C- CҘPμC†PsPIPөPSPө P· β-P°PrCҘPμPSPμCҘPiC-C†PSPScҘ PrC-C”CҘ PjPsP¶CfC,CH  
PiCҘPөP·PIPμCГC,Pө PrPs P±PμP·PiPμCҘPμC€PePsPrPSPSc— α-P°PrCҘPμPSPμCҘPiC-C†PSPSc—  
P°PeC,PөPIPsPScГC,C- CГPөPjPiP°C,PsPjC-PjPμC,PөPeC-PI P· PSP°CПIPISC-CГC,CҘ CПPe α-,  
C,P°Pe C- β-P°PrCҘPμPSPμCҘPiC-C†PSPөC... PμC,,PμPeC,C-PI (PSPμP±PμP·PiPμPeP°  
CҘPsP·PIPөC,PeCf P°CҘC,PμCҘC-P°P»CHPSPSc— PiC-PiPμCҘC,PμPSP·C-C—, C,CП¶P¶PePsC—  
P±CҘP°PrPөPeP°CҘPrC-C— C,P° CГPμCҘC†PμPIPsC— P±P»PsPeP°PrPө).

P·P°C”PjPsPrC-C—, P·CfPjPsPIP»PμPSC- C,,P°CҘPjP°PePsPeC-PSPμC,PөPePsCҘ  
PiCҘPμPiP°CҘP°C,Cf:

BҘ“ PsCГPeC-P»CHPePө Cf PiCҘPsC†PμCГC- PjPμC,P°P±PsP»C-P·PjCf  
PSPμP±C-PIPsP»PsP»Cf P±PμCҘPμ CfC†P°CГC,CH C-P·PsC,,PμCҘPjPμPSC, CYP2D6, C,Ps  
CГPiC-P»CHPSPμ P·P°CГC,PsCГCГPIP°PSPSCП PiCҘPμPiP°CҘP°C,C-PI, C%Ps  
PiCҘPөPiPSC-C†CҘC,CH C†PμPMө C,,PμCҘPjPμPSC, (PiP°CҘPsPeCГPμC,PөPS,  
C,,P»CfPsPeCГPμC,PөPS, C,C-PsCҘPөPrP°P·PөPS, C...C-PSC-PrPөPS), PiC-PrPIPөC%CrC”  
CҘC-PIPμPSCҘ PSPμP±C-PIPsP»PsP»Cf Cf PiP»P°P·PjC- PeCҘPsPIC- C- C,P°PePөPj C†PөPSPsPj  
PiC-PrPIPөC%CrC” CҘPөP·PөPe PIPөPSPөPePSPμPSPSCП PSP°PrPjC-CҘPSPSc—  
P±CҘP°PrPөPeP°CҘPrC-C— C,P° C-PSC€PөC... PiPsP±C-C†PSPөC... CҘPμP°PeC†C-PMө;

BҘ“ C†PөPjPμC,PөPrPөPS PiC-PrPIPөC%CrC” CҘC-PIPμPSCҘ PSPμP±C-PIPsP»PsP»Cf Cf  
PiP»P°P·PjC- PeCҘPsPIC-, P°P»Pμ P±PμP· P·PjC-PSPө PeP»C-PSC-C†PSPSc—

РμC,,PμPeC,PëPIPSsCÍC,C-. P P°PSC-C,PëPrPëPS PSpμ PIPiP»PëPIP°C” PSp°  
C,,P°CĤPjP°PePsPeC-PSPμC,PëPeCÍ PSpμP±C-PIPsP»PsP»CÍ;

вĤ” P·P° CÍPjPsPIPë, C%oPs PkPμP±C-C,PμPSP· CÍP»C-Pr P·P°CÍC,PsCÍPsPICÍPIP°C,Pë  
PíC-Pr C±P°CÍ C—P¶Pë, P° P°PSC,P°C†PëPrPSPëPNë P·P°CÍC-P± вĤ” PjC-P¶ PíCĤPëPNëPsPjP°PjPë  
C—P¶C-, C†C- PíCĤPμPíP°CĤP°C,Pë PjPsP¶PSP° PíCĤPëP·PSP°C±P°C,Pë CĤP°P·PsPj;

вĤ” PíCĤPë PePsPjP±C-PSPsPIP°PSPsPjCÍ P·P°CÍC,PsCÍCÍPIP°PSPSC-  
PSPμP±C-PIPsP»PsP»CÍ P· PSC-PeP°CĤPPrPëPíC-PSPsPj PrPμC%oPs  
PíC-PrPIPëC%oCÍPIP°P»PëCÍCĬ CĤC-PIpsc- PePsPSC†PμPSC,CĤP°C†C-PNë PsP±PsC...  
P»C-PeP°CĤCÍCHPePëC... P·P°CÍPsP±C-PI CÍ PíP»P°P·PjC- P±PμP· P·PjC-PSPë  
PeP»C-PSC-C±PSPsC— PμC,,PμPeC,PëPIPSsCÍC,C-;

вĤ” PsPrPSPsC±P°CÍPSPμ P·P°CÍC,PsCÍCÍPIP°PSPSCĬ P°P»PePsPiPsP»CĤ,  
C,,CÍCĤPsCÍPμPjC-PrCÍ P°P±Ps PíC-PrCĤPsC...P»PsCĤPsC,C-P°P·PëPrCÍ PSpμ PIPiP»PëPIP°C”  
PSP° C,,P°CĤPjP°PePsPeC-PSPμC,PëPeCÍ PSpμP±C-PIPsP»PsP»CÍ;

вĤ” PSpμP±C-PIPsP»PsP» PSpμ PIPiP»PëPIP°C” PSp° C,,P°CĤPjP°PePsPrPëPSP°PjC-PeCÍ C,P°  
C,,P°CĤPjP°PePsPeC-PSPμC,PëPeCÍ PIP°CĤC,,P°CĤPëPSCÍ.

**PĤCÍPsP±P»PëPIPsCÍC,C- P·P°CÍC,PsCÍCÍPIP°PSPSCĬ.**

P—P°PiP°P»CHPSPëPjPë PrP»CĬ β-P°PrCĤPμPSPsP±P»PsPeP°C,PsCĤC-PI C”  
PSPëP¶C±PμP·P°P·PSP°C±PμPSC- PíPsPíPμCĤPμPrP¶PμPSPSCĬ C- P·P°CÍC,PμCĤPμP¶PSC-  
P·P°C...PsPrPë.

*PĤPSPμCÍC,PμP·C-CĬ.*

PμCĤPsPrPsPIP¶PμPSPSCĬ β-P±P»PsPeP°PrPë P·PjPμPSC€CÍC” CĤPëP·PëPe PíPsCĤCÍC€PμPSCĤ  
CÍPμCĤC†PμPIPsPiPs CĤPëC,PjCÍ PíC-Pr C±P°CÍ PIPiPμPrPμPSPSCĬ CÍ PSp°CĤPePsP· C,P°  
C-PSC,CÍP±P°C†C-C—. PíPeC%oPs PíCĤPë PíC-PrPiPsC,PsPIC†C- PrPs  
C...C-CĤCÍCĤPíC-C±PSPsPiPs PIC,CĤCÍC±P°PSPSCĬ β-P±P»PsPeP°PrCÍ CÍP»C-Pr  
PíPμCĤPμCĤPIP°C,Pë, C,Ps P±P»PsPeP°C,PsCĤPëB B B B B B B B B β-  
P°PrCĤPμPSPsCĤPμC†PμPíC,PsCĤC-PI CÍP»C-Pr PIC-PrPjC-PSPëC,Pë PSpμ PjPμPSC€Pμ PSC-P¶  
P·P° 24 PíPsPrPëPSPë PrPs C†CHPsPiPs.

P—P°CÍC,PsCÍCÍPIP°PSPSCĬ PsPeCĤPμPjPëC... P°PSPμCÍC,PμC,PëPeC-PI, CĬPeC-  
CÍPíCĤPëC±PëPSCĬCĤC,CH PíCĤPëPíPSC-C±PμPSPSCĬ PjC-PsPeP°CĤPPrP°, PíPsC,CĤPμP±CÍC”  
PsP±PμCĤPμP¶PSPsCÍC,C-. PμPsCĬPICÍ PIP°PíCÍCÍPSPëC... CĤPμP°PeC†C-PNë CÍ  
PíP°C†C-C”PSC,P° PjPsP¶PSP° PíPsPíPμCĤPμPrPëC,Pë P·P° PrPsPíPsPjPsPiPsCĤ  
PIPSCÍC,CĤC-C€PSCĤPsPIPμPSPSPsPiPs PIPiPμPrPμPSPSCĬ P°C,CĤPsPíC-PSCÍ.

*PŸPμCĤC†PμPIPs-CÍC±PrPëPSPSP° CÍPëCÍC,PμPjP°.*

PíPe PíCĤP°PIPëP»Ps, PíP°C†C-C”PSC,P°Pj C-P· PSpμP»C-PePsPIP°PSPsCĤ  
C...CĤPsPSC-C±PSPsCĤ CÍPμCĤC†PμPIPsCĤ PSpμPrPsCÍC,P°C,PSC-CÍC,CĤ (PíPŸPí)  
P±P»PsPeP°C,PsCĤPë

β-P°PrCĤPμPSPsCĤPμC†PμPíC,PsCĤC-PI PSpμ CÍP»C-Pr PíCĤPëP·PSP°C±P°C,Pë, PíPsPePë C—C...  
CÍC,P°PS PSpμ CÍC,P°PSPμ CÍC,P°P±C-P»CHPSPëPj.



PiC-PrPIPëC%PëC,Pë CḡPëP·PëPe C,CḡPḡPePsC— PiC-PiPsPiP»C-PePμPjC-C— Cí CḡP°P·C-  
PsPrPSPsC±P°CíPSPsPiPs P·P°CíC,PsCíCíPíP°PSPSCḡ P· PiPsC...C-PrPSPëPjPë  
CíCíP»CḡC,,PsPSC-P»CíPμC±PsPIPëPSPë. PμP°CíC-C”PSC,P°Pj C-P· CíCíPeCḡPsPIPëPj  
PrC-P°P±PμC,PsPj CíP»C-Pr CḡPμPePsPjPμPSPPrCíPíP°C,Pë CḡPμC,PμP»CḡPSPs  
PePsPSC,CḡPsP»CḡPIP°C,Pë CḡC-PIPμPSCḡ PiP»CḡPePsP·Pë PI PeCḡPsPIC- (PrPëPI.  
CḡPsP·PrC-P» B«P’P·P°C”PjPsPrC-Cḡ P· C-PSCëPëPjPë P»C-PeP°CḡCíCḡPePëPjPë  
P·P°CíPSP±P°PjPë C,P° C-PSCëC- PIPëPrPë PIP·P°C”PjPsPrC-PMëB»). P’P»PsPeP°C,PsCḡPë b-  
P°PrCḡPμPSPsCḡPμC±PμPíC,PsCḡC-PI PjPsPḡCíC,Cḡ PjP°CíPeCíPíP°C,Pë CíPëPjPíC,PsPjPë  
C,P°C...C-PeP°CḡPrC-C— PiCḡPë PiC-PiPμCḡC,,CíPSPeCíC-C— C%PëC,PsPIPëPrPSPsC—  
P·P°P»PsP·Pë. P P°PíC,PsPIPμ PiCḡPëPíPëPSPμPSPSCḡ C,PμCḡP°PíC-C— PjPsPḡPμ  
PiPsCíPëP»PëC,Pë CíC- CíPëPjPíC,PsPjPë.

*P”PëC...P°P»CḡPSP° CíPëCíC,PμPjP°.*

PμP°CíC-C”PSC,P°Pj P· C...CḡPsPSC-C±PSPëPjPë PsP±CíC,CḡCíPeC,PëPIPSPëPjPë  
P·P°C...PIPSCḡCḡPIP°PSPSCḡPjPë PrPëC...P°P»CḡPSPëC... CëP»CḡC...C-PI β-  
P°PrCḡPμPSPsP±P»PsPeP°C,PsCḡPë CíP»C-Pr P·P°CíC,PsCíPSPICíPíP°C,Pë P·  
PsP±PμCḡPμPḡPSC-CíC,Cḡ, PsCíPeC-P»CḡPePë PjPsPḡPμ PiPsCíPëP»PëC,PëCíCḡ  
P·PICíPḡPμPSPSCḡ PrPëC...P°P»CḡPSPëC... CëP»CḡC...C-PI.

*P†PSCëPμ.*

PḡPIPSCḡPëPj PSP° PiCíPSCḡC-P°P· PI P°PSP°PjPSPμP·C- PiCḡPëP·PSP°C±P°C,Pë β-  
P°PrCḡPμPSPsP±P»PsPeP°C,PsCḡPë CíP»C-Pr C,C-P»CḡPePë PiC-CíP»Cḡ  
CḡPμC,PμP»CḡPSPsPiPs PIPëPIP°PḡPμPSPSCḡ.

P’P»PsPeP°C,PsCḡPë β-P°PrCḡPμPSPsCḡPμC±PμPíC,PsCḡC-PI PjPsPḡCíC,Cḡ  
PiC-PrPIPëC%CíPíP°C,Pë C±CíC,P»PëPIC-CíC,Cḡ PrPs P°P»PμCḡPiPμPSC-PI C-  
CíC,CíPíC-PSCḡ C,CḡPḡPePsCíC,C- P°PSP°C,,C-P»P°PeC,PëC±PSPëC... CḡPμP°PeCíC-PMë.

PḡP° PiPsC±P°C,PeCí P»C-PeCíPíP°PSPSCḡ C...CḡPsPSC-C±PSPsC— CíPμCḡC±PμPIPSC—  
PSPμPrPsCíC,P°C,PSPsCíC,C- PSPμP±C-PIPSP»PsP»PsPj PSPμPsP±C...C-PrPSPëPḡ  
CḡPμPiCíP»CḡCḡPSPëPḡ PjPsPSC-C,PsCḡPëPSPi P·P° CíC,P°PSPsPj C...PIPSCḡPsPiPs.  
P†PSC,,PsCḡPjP°CíC-Cḡ PiCḡPs CíPíPsCíC-P± P·P°CíC,PsCíCíPíP°PSPSCḡ C,P° PrPsP·Pë  
PrPëPI. Cí CḡPsP·PrC-P»C- B«P’PíPsCíC-P± P·P°CíC,PsCíCíPíP°PSPSCḡ C,P° PrPsP·PëB».

P’PμP· PSP°PiP°P»CḡPSPsC— PiPsC,CḡPμP±Pë PSPμ CíP»C-Pr CḡC-P·PePs  
PiCḡPëPíPëPSCḡC,Pë P»C-PeCíPíP°PSPSCḡ (PrPëPI. CḡPsP·PrC-P» B«P’PíPsCíC-P±  
P·P°CíC,PsCíCíPíP°PSPSCḡ C,P° PrPsP·PëB»).

P>C-PeP°CḡCíCḡPePëPḡ P·P°CíC-P± PjC-CíC,PëC,Cḡ P»P°PeC,PsP·Cí.  
P>C-PeP°CḡCíCḡPePëPḡ P·P°CíC-P± PḡPμP±C-C,PμPSP·PSPμ CíP»C-Pr  
P·P°CíC,PsCíPSPICíPíP°C,Pë C...PIPSCḡPëPj P·C- CíPíP°PrPePsPIPSCḡ  
PSPμPiPμCḡPμPSPsCíPëPjC-CíC,Cḡ PiP°P»P°PeC,PsP·Pë, PrPμC,,C-CíPëC,PsPj P»P°PeC,P°P·Pë  
P°P±Ps CíPëPSPPrCḡPsPjPj PjP°P»CḡP°P±CíPSCḡP±CíC-C— PiP»CḡPePsP·Pë-  
PiP°P»P°PeC,PsP·Pë.

*P—P°CíC,PsCíCíPíP°PSPSCḡ Cḡ PiPμCḡC-PsPr PIP°PiC-C,PSPsCíC,C- P°P±Ps  
PiPsPrCíPíP°PSPSCḡ PiCḡCíPrPrCḡ.*

*P’P°PiC-C,PSC-CíC,Cḡ*



PjPμC...P°PSC-P·PjP°PjPë.

**PŸPìPsCÍC-P± P·P°CÍC,PsCÍCáPIP°PSPSCI C,P° PrPsP·Pë.**

P PμP¶PëPj PrPsP·CíPIP°PSPSCI

P·CÍPμPSC†C-P°P»CHßPSP° P°CĤC,PμCĤC-P°P»CHßPSP° PiC-PiPμCĤC,PμPSP·C-CĬ.

P"PsCĤPsCÍP»C-:

P"PsP·P° CÍC,P°PSPsPIPëC,CHß 1 C,P°P±P»PμC,PeCí (5 PjPi PSPμP±C-PIPsP»PsP»Cí) PSP° PrPsP±Cí; P±P°P¶P°PSPs P·P°CÍC,PsCÍPsPICíPIP°C,Pë C—C— P·P°PIP¶PjPë PI PsPrPëPS C-C,PsPNë CÍP°PjPëPNë C†P°CÍ PrPsP±Pë. P"C-PiPsC,PμPSP·PëPIPSPëPNë PμC,,PμPeC, CÍC,P°C" CĬPIPSPëPj C†PμCĤPμP· 1BĤ"2 C,PëP¶PSC- P»C-PeCíPIP°PSPSCI, P°P»Pμ C-PSPsPrC-PsPiC,PëPjP°P»CHßPSP° PrC-CĬ CÍPiPsCÍC,PμCĤC-PiP°C"C,CHßCÍCĬ P»PëC€Pμ C†PμCĤPμP· 4 C,PëP¶PSC-.

PłPsPjP±C-PSP°C†C-CĬ P· C-PSC€PëPjPë P°PSC,PëPiC-PiPμCĤC,PμPSP·PëPIPSPëPjPë P·P°CÍPsP±P°PjPë.

β-P±P»PsPeP°C,PsCĤPë PjPsP¶PSP° P·P°CÍC,PsCÍPsPICíPIP°C,Pë CĬPe PrP»CĬ PjPsPSPsC,PμCĤP°PiC-C—, C,P°Pe C- PI PePsPjP±C-PSP°C†C-C— P· C-PSC€PëPjPë P°PSC,PëPiC-PiPμCĤC,PμPSP·PëPIPSPëPjPë P»C-PeP°CĤCÍCHßPePëPjPë P·P°CÍPsP±P°PjPë. P"Ps C†CHßPsPiPs C†P°CÍCí PrPsPrP°C,PePsPIPëPNë P°PSC,PëPiC-PiPμCĤC,PμPSP·PëPIPSPëPNë PμC,,PμPeC, CÍPiPsCÍC,PμCĤC-PiP°PICÍCĬ C,C-P»CHßPePë PiCĤPë PePsPjP±C-PSP°C†C-C— P»C-PeP°CĤCÍCHßPePsPiPs P·P°CÍPsP±Cí PkPμP±C-C,PμPSP· 5 PjPi P· 12,5BĤ"25 PjPi PiC-PrCĤPsC...P»PsCĤPsC,C-P°P·PëPrCí.

PμP°C†C-C"PSC,Pë P· PSPëCĤPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ.

P"P»CĬ PiP°C†C-C"PSC,C-PI C-P· PSPëCĤPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ CĤPμPePsPjPμPSPPrPsPIP°PSP° PiPsC†P°C,PePsPIP° PrPsP·P° CÍC,P°PSPsPIPëC,CHß 2,5 PjPi PSP° PrPsP±Cí. Pj CĤP°P·C- PSPμPsP±C...C-PrPSPsCÍC,C- PrPsP±PsPICí PrPsP·Cí PjPsP¶PSP° P·P±C-P»CHßC€PëC,Pë PrPs 5 PjPi.

PμP°C†C-C"PSC,Pë P· PiPμC†C-PSPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ.

P"°PSC- PiCĤPs P·P°CÍC,PsCÍCíPIP°PSPSCI P»C-PeP°CĤCÍCHßPePsPiPs P·P°CÍPsP±Cí PiP°C†C-C"PSC,P°Pj P· PiPμC†C-PSPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ P°P±Ps PiPsCĤCíC€PμPSPSCI Pj C,,CíPSPeC†C-C— PiPμC†C-PSPePë PsP±PjPμP¶PμPSC-. PŸPsPjCí P·P°CÍC,PsCÍCíPIP°PSPSCI PkPμP±C-C,PμPSP· C,P°PePëPj PiP°C†C-C"PSC,P°Pj PiCĤPsC,PëPiPsPeP°P·P°PSPs.

PμP°C†C-C"PSC,Pë P»C-C,PSCHßPsPiPs PIC-PeCé.

P"P»CĬ PiP°C†C-C"PSC,C-PI PIC-PePsPj PiPsPSP°Pr 65 CĤPsPeC-PI CĤPμPePsPjPμPSPPrPsPIP°PSP° PiPsC†P°C,PePsPIP° PrPsP·P° CÍC,P°PSPsPIPëC,CHß 2,5 PjPi PSP° PrPsP±Cí. Pj CĤP°P·C- PSPμPsP±C...C-PrPSPsCÍC,C- C—C— PjPsP¶PSP° P·P±C-P»CHßC€PëC,Pë PrPs 5 PjPi. PĥPrPSP°Pe C†PμCĤPμP· PSPμPrPsCÍC,P°C,PSC-PNë PrPsCÍPIC-Pr P·P°CÍC,PsCÍCíPIP°PSPSCI P»C-PeP°CĤCÍCHßPePsPiPs P·P°CÍPsP±Cí C...PIPsCĤPëPjPë PIC-PePsPj PiPsPSP°Pr 75 CĤPsPeC-PI PNëPsPiPs P·P°CÍC,PsCÍCíPIP°PSPSCI PIPëPjP°PiP°C"

PsP±PμCḡPμP¶PSPsCÍC,C- C,P° CḡPμC,PμP»CH̄PSPsPiPs PSP°PiP»C¶PḡCḡ P·P° C,P°PePēPjPē PīP°C†C-C"̄PSC,P°PjPē.

*PḡCḡPsPSC-C#PSP° CÍPμCḡC†PμPIP° PSPμPḡPsCÍC,P°C,PSC-CÍC,CH̄.*

P>C-PeCḡPIP°PSPSC¶ C...CḡPsPSC-C#PSPsC— CÍPμCḡC†PμPIPpsC— PSPμPḡPsCÍC,P°C,PSPsCÍC,C- CÍP»C-Pr CḡPsP·PiPsC†PēPSP°C,Pē P· PiPsPIC-P»CH̄PSPsPiPs C,PēC,CḡCḡPIP°PSPSC¶ PḡPsP·Pē PḡPs PḡPsCÍC¶PμPSPμPSPSC¶ C-PSPḡPēPIC-PrCḡP°P»CH̄PSPsC— PsPiC,PēPjP°P»CH̄PSPsC— PiC-PrC,CḡPēPjCḡCḡPsC— PḡPsP·Pē. PḡP°PePēPj PīP°C†C-C"̄PSC,P°Pj CÍP»C-Pr PiCḡPēP·PSP°C†P°C,Pē P»C-PeP°CḡCÍCḡPēPēPḡ P·P°CÍC-P± Cḡ CḡP°P·C-, C¶PeC%Ps Cḡ PSPēC... CÍPiPsCÍC,PμCḡC-PiP°C"̄C,CH̄CÍC¶ C...CḡPsPSC-C#PSP° CÍPμCḡC†PμPIP° PSPμPḡPsCÍC,P°C,PSC-CÍC,CH̄ P±PμP· PμPiC-P·PsPrC-PI C—C— PiPsCÍC,CḡPsC— PḡPμPePsPjPiPμPSCÍP°C†C-C— PiCḡPsC,C¶PiPsPj PsCÍC,P°PSPSC-C... 6 C,PēP¶PSC-PI. P PμPePsPjPμPSPḡCḡC,CH̄CÍC¶, C%PsP± P»C-PeP°Cḡ PjP°PI PḡPsCÍPIC-Pr Cḡ P»C-PeCḡPIP°PSPSC- C...CḡPsPSC-C#PSPsC— CÍPμCḡC†PμPIPpsC— PSPμPḡPsCÍC,P°C,PSPsCÍC,C-. PμP°C†C-C"̄PSC,Pē, C¶PeC- P·P°CÍC,PsCÍPsPICḡCḡC,CH̄ C-PSC€C- CÍPμCḡC†PμPIPps-CÍCḡPrPēPSPSC- P·P°CÍPsP±Pē, PIPeP»CḡCḡP°CḡCḡPē PḡC-CḡCḡPμC,PēPePē C,P°/P°P±Ps PḡPēPiPsPeCÍPēPS C,P°/P°P±Ps C-PSPiC-P±C-C,PsCḡPē P°PSPiC-PsC,PμPSP·PēPSPiPμCḡPμC,PIPsCḡCḡPIP°P»CH̄PSPsPiPs C,,PμCḡPjPμPSC,Cḡ (PḡPμPα), C,P°/P°P±Ps P°PSC,P°PiPsPSC-CÍC,Pē CḡPμC†PμPiC,PsCḡC-PI P°PSPiC-PsC,PμPSP·PēPSCḡ P†P†, PiPsPIPēPSPSC- PjP°C,Pē PIP¶Pμ PiC-PrC-P±CḡP°PSCḡ PḡPsP·Cḡ C†PēC... P»C-PeC-PI PiCḡPsC,C¶PiPsPj PsCÍC,P°PSPSC-C... 2 C,PēP¶PSC-PI PḡPs PiPsC†P°C,PeCḡ C,PμCḡP°PiC-C— P»C-PeP°CḡCÍCḡPēPēPj P·P°CÍPsP±PsPj PḡPμP±C-C,PμPSP·.

PμPsC†P°C,PePsPIPμ C,PēC,CḡCḡPIP°PSPSC¶ PḡPsP·Pē CÍP»C-Pr PiCḡPsPiPsPrPēC,Pē P·P° PSPēP¶C†PμPSP°PIPμPḡPμPSPsCḡ CÍC...PμPjPsCḡ, PIPēC,CḡPēPjCḡCḡCḡPē PiCḡPē C†CH̄PsPjCḡ C-PSC,PμCḡPIP°P»Pē PIC-Pr 1 PḡPs 2 C,PēP¶PSC-PI C,P° PsCḡC-C"̄PSC,CḡCḡCḡPēCÍCḡ PSP° PiPμCḡPμPSPsCÍPēPjC-CÍC,CH̄ PḡPsP·Pē PiP°C†C-C"̄PSC,PsPj: 1,25 PjPi PSPμP±C-PIPsP»PsP»Cḡ PSP° PḡPsP±Cḡ PjPsP¶PSP° P·P±C-P»CH̄C€PēC,Pē PḡPs 2,5 PjPi PSPμP±C-PIPsP»PsP»Cḡ PSP° PḡPsP±Cḡ, P° PSP°PḡP°P»C- PḡPs 5 PjPi 1 CḡP°P· PSP° PḡPsP±Cḡ, P° PiPsC,C-Pj PḡPs 10 PjPi 1 CḡP°P· PSP° PḡPsP±Cḡ. PḡP°PeCÍPēPjP°P»CH̄PSP° CḡPμPePsPjPμPSPḡPsPIP°PSP° PḡPsP·P° CÍC,P°PSPsPIPēC,CH̄ 10 PjPi PSPμP±C-PIPsP»PsP»Cḡ 1 CḡP°P· PSP° PḡPsP±Cḡ. PḡP° PiPsC†P°C,PeCḡ P»C-PeCḡPIP°PSPSC¶ C,P° PiCḡPē PePsP¶PSPsPjCḡ PiC-PrPIPēC%PμPSPSC- PḡPsP·Pē C...PIPsCḡPēPḡ PiPsPIPēPSPμPS PSPμ PjPμPSC€Pμ 2 PiPsPrPēPS PiPμCḡPμP±CḡPIP°C,Pē PiC-Pr PSP°PiP»C¶PḡPsPj PḡPsCÍPIC-PrC†PμPSPsPiPs P»C-PeP°CḡC¶, C%PsP± CḡPiPμPIPSPēC,PēCÍC¶ PI C,PsPjCḡ, C%Ps PeP»C-PSC-C†PSPēPḡ CÍC,P°PS P·P°P»PēC€P°C"̄C,CH̄CÍC¶ CÍC,P°P±C-P»CH̄PSPēPj (PsCÍPsP±P»PēPIPs C†Pμ CÍC,PsCÍCḡC"̄C,CH̄CÍC¶ P°CḡC,PμCḡC-P°P»CH̄PSPsPiPs C,PēCḡPeCḡ, C†P°CÍC,PsC,Pē CÍPμCḡC†PμPIPēC... CÍPePsCḡPsC†PμPSCḡ, PiPsCḡCḡC€PμPSPSC¶ PiCḡPsPIC-PrPSPsCÍC,C- PjC-PsPeP°CḡPḡP°, P° C,P°PePsP¶ PiPsCÍPēP»PμPSPSC¶ CÍPēPjPiC,PsPjC-PI CÍPμCḡC†PμPIPpsC— PSPμPḡPsCÍC,P°C,PSPsCÍC,C-). PμPsC¶PIP° PiPsP±C-C†PSPēC... C¶PIPēC% PjPsP¶Pμ PiPμCḡPμC€PePsPrPēC,Pē P»C-PeCḡPIP°PSPSCḡ C-P· P·P°CÍC,PsCÍCḡPIP°PSPSC¶Pj PjP°PeCÍPēPjP°P»CH̄PSPs CḡPμPePsPjPμPSPḡPsPIP°PSPsC— PḡPsP·Pē CḡCÍC-Pj PiP°C†C-C"̄PSC,P°Pj. Pj CḡP°P·C- PSPμPsP±C...C-PrPSPsCÍC,C- PIP¶Pμ PḡPsCÍC¶PμPSCḡCḡ, Cḡ PḡPsP·Cḡ PjPsP¶PSP° PiPsPμC,P°PiPSPs P·PSPsPICḡ P·PjPμPSC€PēC,Pē P°P±Ps P·PSPsPICḡ PḡPs PSPμC— PiPsPIPμCḡPSCḡCḡ,PēCÍC¶.

PμCḡPē PiPsCḡPēP»PμPSPSC- CÍPēPjPiC,PsPjC-PI CÍPμCḡC†PμPIPpsC— PSPμPḡPsCÍC,P°C,PSPsCÍC,C- P°P±Ps PiCḡPē PSPμPiPμCḡPμPSPsCÍPēPjPsCÍC,C- P»C-PeP°CḡCÍCḡPēPsPiPs P·P°CÍPsP±Cḡ Cḡ C,,P°P·C- PḡPsPiPs C,PēC,CḡCḡPIP°PSPSC¶ PḡPsP·Cḡ PSPμP±C-PIPsP»PsP»Cḡ CḡPμPePsPjPμPSPḡCḡC,CH̄CÍC¶ CÍPiPsC†P°C,PeCḡ

P·PjPμPSC€PëC,Pë P°P±Ps, Cr CĤP°P·C- PSPμPsP±C...C-PrPSPsCÍC,C-, PSPμPiP°PNëPSPs PIC-PrPjC-PSPëC,Pë P»C-PeP°CĤCÍCHPePëPNë P·P°CÍC-P± (PiCĤPë PiPsCÍPIC- C,CÍP¶PePsC— PiC-PiPsC,PμPSP·C-C—, PiPsCÍPëP»PμPSPSC- CÍPëPjPiC,PsPjC-PI CÍPμCĤC†PμPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C- P· PiPsCÍC,CĤPëPj PSP°P±CĤCÍPePsPj P»PμPiPμPSCĤ, PiCĤPë PiPsCÍPIC- PeP°CĤPrC-PsPiPμPSPSPsPiPs C€PsPeCr, CÍPëPjPiC,PsPjP°C,PëC±PSPsC— P±CĤP°PrPëPeP°CĤPrC-C— P°P±Ps P°C,CĤC-PsPIPμPSC,CĤPëPeC†P»CÍCĤPSPsC— P±P»PsPeP°PrPë).

PİPe PiCĤP°PIPëP»Ps, P»C-PeC†PIP°PSPSCÍ CÍC,P°P±C-P»CHPSPsC— C...CĤPsPSC-C±PSPsC— CÍPμCĤC†PμPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C- PSPμP±C-PIPsP»PsP»PsPj C” PrPsPIPiPsCÍC,CĤPsPePsPIPëPj.

P»C-PeC†PIP°PSPSCÍ PSPμP±C-PIPsP»PsP»PsPj PSPμ CÍP»C-Pr PiCĤPëPiPëPSCÍC,Pë CĤP°PiC,PsPIPs, PsCÍPeC-P»CHPePë C†Pμ PjPsP¶Pμ PiCĤPëP·PIPμCÍC,Pë PrPs C,PëPjC†P°CÍPsPIPsPiPs PiPsCÍPëP»PμPSPSCÍ CÍPμCĤC†PμPIPsC— PSPμPrPsCÍC,P°C,PSPsCÍC,C-. PİPeC%Ps PIC-PrPjC-PSP° P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±C† PSPμPsP±C...C-PrPSP°, C,Ps PrPsP·C† CÍP»C-Pr PiPsPμC,P°PiPSPs P·PjPμPSC€PëC,Pë, P·PjPμPSC€C†CĤC±Pë C—C— PI PrPIP° CĤP°P·Pë P· C-PSC,PμCĤPIP°P»PsPj 1 C,PëP¶PrPμPSCĤ.

*PμP°C†C-C”PSC,Pë P· PSPëCĤPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ.*

PhCÍPeC-P»CHPePë C,PëC,CĤC†PIP°PSPSCÍ PrPsP·Pë PrPs PjP°PeCÍPëPjP°P»CHPSPsC— PiPμCĤPμPSPsCÍPëPjPsC— PIC-PrP±C†PIP°C”C,CHCÍCÍ C-PSPrPëPIC-PrC†P°P»CHPSPs, C—C— PePsCĤPμPeC†C-CÍ PiCĤPë PSPëCĤPePsPIC-PNë PSPμPrPsCÍC,P°C,PSPsCÍC,C- PIC-Pr P»PμPiPePsPiPs PrPs PiPsPjC-CĤPSPsPiPs CÍC,C†PiPμPSCÍ C,CÍP¶PePsCÍC,C- PSPμ PiPsC,CĤC-P±PSP°. P”PsCÍPIC-PrC† P·P°CÍC,PsCÍC†PIP°PSPSCÍ P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±C† C...PIPsCĤPëPj C-P· C,CÍP¶PePsCĤ PSPëCĤPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ (CĤC-PIPμPSCĤ PeCĤPμP°C,PëPSC-PSC† CÍPëCĤPsPIP°C,PePë PeCĤPsPIC- ≥ 250 PjPePjPsP»CH/P») PSPμPjP°C”, C,PsPjC† P·P°CÍC,PsCÍC†PIP°PSPSCÍ PSPμP±C-PIPsP»PsP»C† C,P°PePëPj C...PIPsCĤPëPj PSPμ CĤPμPePsPjPμPSPPrC†C”C,CHCÍCÍ.

*PμP°C†C-C”PSC,Pë P· PiPμC±C-PSPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ.*

P©PsPrPs P·P°CÍC,PsCÍC†PIP°PSPSCÍ P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±C† PiP°C†C-C”PSC,P°Pj C-P· PiPμC±C-PSPePsPIPsCĤ PSPμPrPsCÍC,P°C,PSC-CÍC,CĤ C-CÍPSC†CĤC,CH P»PëC€Pμ PsP±PjPμP¶PμPSC- PrP°PSC-. P— PsPiP»CÍPrC† PSP° C†Pμ P·P°CÍC,PsCÍC†PIP°PSPSCÍ P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±C† PkPμP±C-C,PμPSP· C†PëPj PiP°C†C-C”PSC,P°Pj PiCĤPsC,PëPiPsPeP°P·P°PSPs.

*PμP°C†C-C”PSC,Pë P»C-C,PSCHPsPiPs PIC-PeCé.*

PhCÍPeC-P»CHPePë C,PëC,CĤC†PIP°PSPSCÍ PrPsP·Pë PrPs PjP°PeCÍPëPjP°P»CHPSPsC— PiPμCĤPμPSPsCÍPëPjPsC— P·PrC-PNëCÍPSCĤC”C,CHCÍCÍ C-PSPrPëPIC-PrC†P°P»CHPSPs, PePsCĤPμPiC†PIP°PSPSCÍ PrPsP·Pë PSPμ PiPsC,CĤC-P±PSPμ.

PÿPiPsCÍC-P± P·P°CÍC,PsCÍC†PIP°PSPSCÍ.

PμPμCĤPsCĤP°P»CHPSPμ P·P°CÍC,PsCÍC†PIP°PSPSCÍ.

PÿP°P±P»PμC,PePë PjPsP¶PSP° P·P°CÍC,PsCÍPsPIC†PIP°C,Pë CĤP°P·PsPj P· C—P¶PμCĤ.

P" C-C, Pë.

P•C,, PμPeC, PëPIPSC-CÍC, ЧН C, P° P±PμP·PìPμPeP° P·P°CÍC, PsCÍCfPIP°PSPSCÍ  
P»C-PeP°CЧCÍЧНPePsPiPs P·P°CÍPsP±Cf PkPμP±C-C, PμPSP· PrC-C, CÍPj C, P°  
PìC-PrP»C-C, PeP°Pj (PIC-PePsPj PrPsB B B B B B B B B 18 ЧНPsPeC-PI) PSPμ  
PrPsCÍP»C-PrP¶CfPIP°P»PëCÍЧН. P" P°PSC- PSPμPrPsCÍC, CÍPìPSC-. PhC, P¶Pμ,  
P·P°CÍC, PsCÍCfPIP°PSPSCÍ PrC-C, CÍPj C, P° PìC-PrP»C-C, PeP°Pj (PIC-PePsPj PrPs 18  
ЧНPsPeC-PI) PSPμ ЧНPμPePsPjPμPSPPrCfC" C, ЧНCÍCÍ.

**PμPμCЧPμPrPsP·CzPIP°PSPSCÍ.**

PμCЧPë PìPμCЧPμPrPsP·CfPIP°PSPSC- β-P°PrCЧPμPSPsP±P»PsPeP°C, PsCЧC-PI  
CÍPìPsCÍC, PμCЧC-PìP°CЧC, ЧНCÍCÍ: P±CЧP°PrPëPeP°CЧPrC-CÍ, P°CЧC, PμCЧC-P°P»ЧНPSP°  
PìC-PìPsC, PμPSP·C-CÍ, P±CЧPsPSC...PsCÍPìP°P·Pj, PìPsCÍC, CЧP° CÍPμCЧC†PμPIP°  
PSPμPrPsCÍC, P°C, PSC-CÍC, ЧН. P>C-PeCfPIP°PSPSCÍ PìPμCЧPμPrPsP·CfPIP°PSPSCÍ:  
PìCЧPsPjPëPIP°PSPSCÍ C€P»CfPSPeP°, PìCЧPëP·PSP°C†PμPSPSCÍ P°PeC, PëPIPsPIP°PSPsPiPs  
PICfPìC-P»P»CÍ C, P° PìCЧPsPSPsCÍPSPëC... P·P°CÍPsP±C-PI. PëC, CÍC†PSP°  
PIPμPSC, PëP»CÍC†C-CÍ P»PμPìPμPSCЧ C, P°PePsP¶ PjPsP¶Pμ P±CfC, Pë PìPsC, CЧC-P±PSP°.  
P PμPePsPjPμPSPPrCfC" C, ЧНCÍCÍ PePsPSC, CЧPsP»ЧН P·P° CЧC-PIPSPμPj PìP»ЧНPePsP·Pë PI  
PeCЧPsPIC-. Pj CЧP°P·C- PSPμPsP±C...C-PrPSPsCÍC, C- PìCЧPsPIPsPrPëC, ЧНCÍCÍ  
C-PSC, PμPSCÍPëPIPSP° C, PμCЧP°PìC-CÍ PI CfPjPsPIP°C... CÍC, P°C†C-PsPSP°CЧCf: PìCЧPë  
P±CЧP°PrPëPeP°CЧPrC-C— C, P° PìC-PrPIPëC%PμPSC-PNë PIP°PìPsC, PsPSC-C— бН"  
PIPIPμPrPμPSPSCÍ P°C, CЧPsPìC-PSCf P°P±Ps PjPμC, PëP»P°C, CЧPsPìC-PSCf, PìCЧPë  
PìC-PìPsC, PμPSP·C-C— C, P° C€PsPeCf бН" PIPSCfC, CЧC-C€PSCЧPsPIPμPSPSPμ  
PIPIPμPrPμPSPSCÍ PìP»P°P·PjPsP·P°PjC-PSPSPëPeC-PI C, P° PeP°C, PμC...PsP»P°PjC-PSC-PI.  
P'PμC, P°-P±P»PsPeCfCЧC†Cf PrC-Ч PjPsP¶PSP° PìCЧPëPìPëPSPëC, Pë C€P»CÍC...PsPj  
PìPsPIC-P»ЧНPSPsPiPs PIPSCfC, CЧC-C€PSCЧPsPIPμPSPSPsPiPs PIPIPμPrPμPSPSCÍ  
C-P·PsPìCЧPμPSP°P»C-PSCf PìC-PrCЧPsC...P»PsCЧPëPrCf, PìPsC†PëPSP°CЧC†Pë P· PrPsP·Pë 5  
PjPePi/C...PI, P°P±Ps PrPsP±CfC, P°PjC-PSCf, PìPsC†PëPSP°CЧC†Pë P· PrPsP·Pë 2,5 PjPePi/C...PI,  
PrPs PrPsCÍCÍPIPSPμPSPSCÍ PsC†C-PeCfPIP°PSPsPiPs PμC,, PμPeC, CÍ. Pj  
CЧPμP·PëCÍC, PμPSC, PSPëC... PIPëPìP°PrPeP°C... C-P·PsPìCЧPμPSP°P»C-PS PjPsP¶PSP°  
PePsPjP±C-PSCfPIP°C, Pë P· PrPsPìP°PjC-PSPsPj. B PìPeC%Ps PIPëC%PμP·P°P·PSP°C†PμPSC-  
P·P°C...PsPrPë PSPμ PrPsPìPsPjP°PìP°CЧC, ЧН, CÍP»C-Pr PìCЧPëP·PSP°C†P°C, Pë  
PìP»ЧНPeP°PìPsPS C-P· CЧPsP·CЧP°C...CfPSPeCfB B B B B 50-100 PjPePi/PePi, CÍPeC%Ps  
PìPsC, CЧC-P±PSPs бН" C-PSбН™ C"PeC†C-Ч PjPsP¶PSP° PìPsPIC, PsCЧPëC, Pë PìCЧPsC, CÍPìPsPj  
PìPsPrPëPSPë C, P° CÍ CЧP°P·C- PSPμPsP±C...C-PrPSPsCÍC, C-, PìCЧPsPIPμCÍC, Pë  
PIPSCfC, CЧC-C€PSCЧPsPIPμPSPSCf C-PSC,, CÍP·C-Ч PìP»ЧНPeP°PìPsPSCf C-P·  
CЧPsP·CЧP°C...CfPSPeCf 70 PjPePi/PePi/PìPsPr. P' PμPeCÍC, CЧPμPjP°P»ЧНPSPëC...  
PIPëPìP°PrPeP°C... CЧPμP·PëCÍC, PμPSC, PSPsC— PrPs C, PμCЧP°PìC-C—  
P±CЧP°PrPëPeP°CЧPrC-C—B PjPsP¶PSP° PìC-PrPeP»ЧНC†P°C, Pë C€C, CÍC†PSPsPiPs PìPsPrC-CÍ  
CЧPëC, PjCf.

**PμPsP±C-C†PSC- CЧPμP°PeC†C-C—.**

PμPsP±C-C†PSC- CЧPμP°PeC†C-C— PìCЧPë PμCÍPμPSC†C-P°P»ЧНPSC-PNë  
P°CЧC, PμCЧC-P°P»ЧНPSC-PNë PìC-PìPμCЧC, PμPSP·C-C— C, P° PìCЧPë C...CЧPsPSC-C†PSC-PNë

СГРµСГСГРµPIC-Р№ PSPµPrPsСГС,Р°С,PSPsСГС,С-В PSP°PIРµPrРµPSC- PsPeСГРµPjPsB  
 С±РµСГРµP· PIC-PrPjC-PSPSPsСГС,С- PiP°С,PsP»PsPiC-С±PSPёC... PiСГРµСГРµСГС-PI, СЦPeC-  
 P»РµP¶P°С,СН PI PsСГPSPsPIC- С±PёC... P·P°С...PIPsСГСГРµPIP°PSCН.В

Р·СГРµPSCГС-Р°P»СНPSP° P°СГС,РµСГС-Р°P»СНPSP° PiC-PiРµСГС,РµPSP·C-СЦ.

РҮРёСГС,РµPjP° PsСГРµP°PSC-PI	РSP°СГС,Ps (° 1/100 PrPs </10)	P†PSPsPrC- (° 1/1000 PrPs </100)	P°СГP¶Pµ СГС-PrPePs (° 1/10000)	РSP°СГС,PsC,Р° PSPµPIC-PrPsPjP°
P- P±PsPeCf C-PjCfPSPSPsC- СГРёСГС,РµPjPё				РҮPSPiC-PsPSPµPICГРµС,РёC±PSPёP№ PSP°P±СГСЦPe, PiC-PiРµСГСГ±CfC,Р»PёPIC-СГС,СН
P- P±PsPeCf PiСГРёC...C-РёPё		РкC-С±PSC- P¶P°С...C-С,С,СЦ, PrРµPiСГРµСГС-СЦ		
P- P±PsPeCf PSPµСГРµPjPsC- СГРёСГС,РµPjPё	P°PsP»PsPIPSPёP№ P±C-P»СН, P·P°PiP°PjPsСГРµС±PµPSPSCЦ, PiP°СГРµСГС,РµP·C-С-		РҮPёPSPePsPiРµ	
P- P±PsPeCf PsСГРµP°PSC-PI P·PsСГСf		РµPsСГСfCёPµPSPSCЦ P·PsСГСf		
P- P±PsPeCf СГРµСГСГСЦ		P°СГP°PrPёPёP°СГPrC-СЦ, СГРµСГСГРµPjP° PSPµPrPsСГС,Р°С,PS-СГС,СН, CfPiPsPIC-Р»СНPSPµPSPSCЦ PҮP' PiСГРµPIC-PrPSPsСГС,С-/PҮP' P±P»PsPeP°PrP°		
P- P±PsPeCf СГCfPrPёPS		РҮСГС,РµСГС-Р°P»СНPSP° PiC-PIPsC,РµPSP·C-СЦ, PiPsСГРёP»PµPSPSCЦ PiРµСГРµPjC-P¶PSPsC- PёCfP»СНPiP°PIPsСГС,С-		
P- P±PsPeCf PrPёC...P°P»СНPSPёC... СёP»СЦC...C-PI	P-Р°PrPёCёPёP°	P°СГРµPSPSC...PsСГPiP°P·Pj		
P- P±PsPeCf C,СГP°PIPsPjPs C,СГP°PeC,Cf	P-Р°PiPsСГ, PSCfPrPsC,Р°, PrC-Р°СГРµPµЦ	P°PёСГPiРµPiСГС-СЦ, PjPµC,РµPsСГРёP·Pj, P±P»СНPiP°PSPSCЦ		
P- P±PsPeCf CёPёC-СГPё C,Р° PiC-PrCёPёC-СГPSPёC... C,PeP°PSPёPS		РҮPiРµСГP±C-P¶, PµСГРёC,РµPjP°С,PsP·PSPµ CёPёC-СГPSPµ PiPёСГРёP°PSPSCЦ	РµPsСГРёP»PµPSPSCЦ PiСГP°СГС-Р°P·Cf	РµСГРµPiPёPiP°PSP° СЦPSPeP°
P- P±PsPeCf СГС,Р°С,РµPjPёC... PsСГРµP°PSC-PI		P†PjPiPsC,РµPSCГС-СЦ		
P PsP·P»P°PrPё P·P°PiP°P»СНPSPiPs С...P°СГP°PeC,РµСГСf	РµC-PrPiPёC°PµPSP° PIC,PsPjP»СНPiP°PSC-СГС,СН, PSP°P±СГСЦPePё			

РµСГС-Рj СГСНPsPiPs, PiPsPIC-PrPsPjP»СЦP»Pё PiСГРµС C,Р°PeC- PiPsP±C-С±PSC-  
 СГРµP°PeCГС-С—, СГPiСГРёC±PёPSPµPSC- PrРµСЦPePёPjPё β-  
 P°PrСГРµPSPsP±P»PsPeP°С,PsСГP°PjPё: PiP°P»СНСГPёPSP°СГС-С—, PiСГРёC...PsP·Pё,  
 СГPiP»CfC,Р°PSC-СГС,СН СГPIC-PrPsPjPsСГС,С-, PiPsC...PsP»PsPrP°PSPSCЦ/СГС-Р°PSPsP·  
 PeC-PSCГС-PIPsPe, СГPёPSPrСГРµPj P РµP№PSPs, СГCfC...C-СГС,СН PsС±PµP№ C,Р°  
 PsPeCfP»Ps-PjCfPePsPeCfC,Р°PSPSP° C,PsPeСГРёC±PSC-СГС,СН P·P°  
 PiСГP°PeC,PsP»PsP»PsPiPёPj C,PёPiPsPj.

РГСГРµPSPSC-С±PSP° СГРµСГСГРµPIP° PSPµPrPsСГС,Р°С,PS-СГС,СН.

P°C-PrPsPjPsСГС,С- PiСГРµС PiPsP±C-С±PSC- СГРµP°PeCГС-С— СГ С...PIPsСГРёC... PSP°  
 СГРµСГСГРµPICr PSPµPrPsСГС,Р°С,PS-СГС,СН P±CfP»Pё PsC,СГРёPjP°PSC- PiC-Pr C±P°СГ  
 PiP»P°СГРµP±Ps-PePsPSC,СГРµP»СНPsPiP°PSPёC... PeP»C-PSC-С±PSPёC...  
 PrPsСГP»C-PrP¶PµPSCН. PкP°P№C±P°СГС,С-СёPёPjPё PiPsP±C-С±PSPёPjPё  
 СГРµP°PeCГС-СЦPjPё, PiСГРµС ЦPeC- PiPsPIC-PrPsPjP»СЦP»Pё PiP°СГС-С°PSC,Pё, СЦPeC-  
 P·P°СГС,PsСГP°PICrPiP°P»Pё PSPµP±C-PIPsP»PsP», P±CfP»Pё P±СГP°PrPёPёP°СГPrC-СЦ C,Р°

P·P°PjP°PjPsCḡPsC±PμPSPSCЦ. PμPsPIC-PrPsPjP»CЦP»PsCГЧḡ PḡCḡPs  
PSPëP¶C±PμP·P°P·PSP°C±PμPSC- PḡPsP±C-C±PSC- CḡPμP°PeC†C-C—, C%Ps C...PsC±P° P±  
PḡPsC,PμPSC†C-PMḡPSPs P±CfP»Pë PḡPsPIḡḡ™ CЦP·P°PSC- C-P· P·P°CГC,PsCГCfPIP°PSPSCЦPj  
P»C-PeP°CḡCГЧḡPePsPiPs P·P°CГPsP±Cf, C,P° CḡPsP·PiP»CЦPPrP°P»PëCГCЦ CЦPe  
C...P°CḡP°PeC,PμCḡPSC- C,P° P·PSP°C±CfC%C- PḡCḡPë P»C-PeCfPIP°PSPSC-  
C...CḡPsPSC-C±PSPsC— CГPμCḡC†PμPIPsC— PSPμPrPsCГC,P°C,PSPsCГC,C-;

- PḡPsCГPëP»PμPSPSCЦ CГPμCḡC†PμPIPsC— PSPμPrPsCГC,P°C,PSPsCГC,C-;
- PsCḡC,PsCГC,P°C,PëC±PSP° PiC-PḡPsC,PμPSP·C-CЦ;
- PSPμPḡPμCḡPμPSPsCГPëPjC-CГC,Чḡ P»C-PeP°CḡCГЧḡPePsPiPs P·P°CГPsP±Cf;
- PḡP'·P±P»PsPeP°PrP° P† CГC,CfPḡPμPSCЦ;
- PSP°P±CḡCЦPePë PSPëP¶PSC-C... PeC-PSC†C-PIPsPe.

*PμPsPIC-PrPsPjP»PμPSPSCЦ PḡCḡPs PḡC-PrPsP·CḡCḡPIP°PSC- PḡPsP±C-C±PSC-  
CḡPμP°PeC†C-C—*

PμPsPIC-PrPsPjP»PμPSPSCЦ PḡCḡPs PḡC-PrPsP·CḡCḡPIP°PSC- PḡPsP±C-C±PSC-  
CḡPμP°PeC†C-C— Cḡ PḡC-CГP»CЦCḡPμC”CГC,CḡP°C†C-PMḡPSPëPMḡ PḡPμCḡC-PsPr  
P»C-PeP°CḡCГЧḡPePsPiPs P·P°CГPsP±Cf C” PIP°P¶P»PëPIPëPj. PḡPμ PrP°C” P·PjPsPiCf  
PḡCḡPsPrPsPIP¶CfPIP°C,Pë CГPḡPsCГC,PμCḡPμP¶PμPSPSCЦ P·P°  
CГPḡC-PIPIC-PrPSPsC€PμPSPSCЦPj PePsCḡPëCГC,Чḡ/CḡPëP·PëPe P»C-PeP°CḡCГЧḡPePsPiPs  
P·P°CГPsP±Cf. PμCḡP°C†C-PIPSPëPePë PsC...PsCḡPsPSPë P·PrPsCḡPsPIḡḡ™ CЦ  
PḡCḡPsCГCЦC,Чḡ PḡPsPIC-PrPsPjP»CЦC,Pë PḡCḡPs P±CfPrCḡ-CЦPeC-  
PḡC-PrPsP·CḡCḡPIP°PSC- PḡPsP±C-C±PSC- CḡPμP°PeC†C-C—.

**PḡPμCḡPjC-PS PḡCḡPëPrP°C,PSPsCГC,C-.** 3 CḡPsPePë.

**PjPjPsPIPë P·P±PμCḡC-PiP°PSPSCЦ.** PḡPḡPμC†C-P°P»ЧḡPSC- CḡPjPsPIPë  
P·P±PμCḡC-PiP°PSPSCЦ PSPμ PIPëPjP°PiP°CḡC,ЧḡCГCЦ.

P—P±PμCḡC-PiP°C,Pë Cḡ PSPμPrPsCГC,CfPḡPSPsPjCf PrP»CЦ PrC-C,PμPMḡ PjC-CГC†C-.

**PjPḡP°PePsPIPeP°.** PμPs 10 C,P°P±P»PμC,PsPe Cḡ P±P»C-CГC,PμCḡC-, 3 P±P»C-CГC,PμCḡPë PI  
PeP°CḡC,PsPSPSC-PMḡ PePsCḡPsP±C†C-.

**PḡP°C,PμPiPsCḡC-CЦ PIC-PrPiCfCГPeCf.** P—P° CḡPμC†PμPḡC,PsPj.

**P’PëCḡPsP±PSPëPe.**

P'P°P»PeP°PSC,,P°CḡPjP° - P"ĆrPīPSPëC†Cḡ PḡP".

**PḡC-CġC†PμP·PSP°C...PsPrP¶PμPSPSCḡ PIPëCḡPsP±PSPëPeP° C,P° PNëPsPiPs  
P°PrCḡPμCġP° PjC-CġC†Cḡ PiCḡPsPIP°PrP¶PμPSPSCḡ PrC-CḡP»CḡPSPsCġC,C-**

PICġP». PŸP°PjPsPePsPICġCḡPePμ PĒPsCġPμ 3, P"ĆrPīPSPëC†Cḡ, 2600, P'PsP»PiP°CḡC-Cḡ.

**P†PġPŸPŸP PjPḡP;P†PĪ**

**PrP»Cḡ PjPμPrPëC†PSPsPiPs P·P°CġC,PsCġCġPIP°PSPSCḡ P»C-PeP°CḡCġCḡPePsPiPs  
P·P°CġPsP±Cġ**

**PġP·P'P†PŸP·PġP—**

**(NEBITENS)**

**PŸPeP»P°Pr:**

PrC-CḡC†P° CḡPμC†PsPIPëPSP°: PSPμP±C-PIPsP»PsP»;

1 C,P°P±P»PμC,PeP° PjC-CġC,PëC,Cḡ PSPμP±C-PIPsP»PsP»Cġ PiC-PrCḡPsC...P»PsCḡPëPrCġ  
5,45 PjPi, C%Ps PIC-PrPīPsPIC-PrP°C" 5 PjPi PSPμP±C-PIPsP»PsP»Cġ;

PrPsPiPsPjC-P¶PSC- CḡPμC†PsPIPëPSPë: P»P°PeC,PsP·Pë PjPsPSPsPiC-PrCḡP°C,,  
PjP°PeCḡPsPiPsP» 6000, PSP°C,CḡC-Cḡ PeCḡPsCġPeP°CḡPjPμP»PsP·P°, PjP°PiPSC-Cḡ  
CġC,PμP°CḡP°C,, PeCḡPμPjPSC-Cḡ PrC-PsPeCġPëPr PePsP»PsC—PrPSPëPNë  
P±PμP·PIPsPrPSPëPNë.

**P»C-PeP°CḡCġCḡPeP° C,,PsCḡPjP°.** PŸP°P±P»PμC,PePë.

PḡCġPSPsPIPSC- C,,C-P·PëPePs-C...C-PjC-C†PSC- PIP»P°CġC,PëPIPsCġC,C-: C,P°P±P»PμC,PePë  
PeCḡCġPiP»PsC— C,,PsCḡPjPë P· PrPIPsPsPīCġPeP»PsCḡ PīPsPIPμCḡC...PSPμCḡ P±C-P»PsPiPs  
PePsP»CḡPsCḡCġ, P· C...CḡPμCġC,PsPīPsPrC-P±PSPsCḡ CḡPëCġPePsCḡ PrP»Cḡ PīPsPrC-P»Cġ  
C,P°P±P»PμC,PePë P· PsPrPSPsPiPs P±PsPeCġ, P· PjP°CḡPeCġPIP°PSPSCḡPj B«N5B» P·  
C-PSC€PsPiPs P±PsPeCġ.



СҗPµP°PeC†C-ЦI P·PSPëP¶PµPSP°.

P'С-PrPsPjPs, C%Ps Cr PïP»P°C†PµP±Ps-PePsPSC,СҗPsP»СҗPsPIP°PSPëC... PrPsC†P»C-PrP¶PµPSPSCЦI... P»PµC,P°P»СҗPSPsC†C,C--P·P°C...PIPsСҗСҗPIP°PSPsC†C,C- P·C- C†C,P°P±C-P»СҗPSPsСҗ C...СҗPsPSC-C†PSPsСҗ C†PµСҗC†PµPIPsСҗ PSPµPrPsC†C,P°C,PSC-C†C,Сҗ, ЦIPeC- C,СҗPëPIP°P»Pë Cr C†PµСҗPµPrPSCСҗPsPjCr 20 PjC-C†CЦI†C-PI, PSPµP±C-PIPsP»PsP» C¶Pe PsC†PSPsPIPsPëP№ P»C-PeP°СҗC†СҗСҗPëPëP№ P·P°C†C-P± Cr C†PeP»P°PrC- C†C,P°PSPrP°СҗC,PSPsC— C,PµСҗP°PïC-C— C†C†C,C,C"PIPs PïСҗPsPrPsPIP¶C†PIP°PI C†P°C† PrPs PSP°C†C,P°PSPSCЦI P»PµC,P°P»СҗPSPsPiPs PSP°C†P»C-PrPeCr P°P±Ps PiPsC†PïC-C,P°P»C-P·P°C†C-C— C†PµСҗPµP· C†PµСҗC†PµPIPs- C†C†PrPëPSPSC† PïP°C,PsP»PsPiC-Сҗ (PeC-PSC†PµPIP° C,PsC†PeP° PïPµСҗPIPëPSPSPsC— PµC,,PµPeC,PëPIPsPSPsC†C,C-). P'PïP»PëPI PSPµP±C-PIPsP»PsP»Cr PSPµ P·P°P»PµP¶P°PI PIC-Pr PIC-PeCr, C†C,P°C,C- P°P±Ps PiPsPeP°P·PSPëPeP° C,,СҗP°PeC†C-C— PIPëPePëPrCr P»C-PIPsPiPs C€P»C†PSPsC†PeP° PI C†C†P°C†PSPëPeC-PI PrPsC†P»C-PrP¶PµPSPSCЦI. P№PsСҗPëC†C,Сҗ C†C,PsC†PsPIPsPs PiPsPïPµСҗPµPrP¶PµPSPSCЦI CrC†C-C... PïСҗPëC†PëPs P»PµC,P°P»СҗPSPsC†C,C- PiPsСҗC-PIPsC¶PSPs P· PïP»P°C†PµP±Ps PSPµ PrPsC†C¶PiP»P° C†C,P°C,PëC†C,PëC†PSPsC— P·PSP°C†C†C%PsC†C,C-. PJ PïP°C†C-C"PSC,C-PI, ЦIPeC- P»C-PeC†PIP°P»PëC†C¶ PSPµP±C-PIPsP»PsP»PsPj, C†PïPsC†C,PµСҗC-PiP°P»PsC†C¶ P·PSPëP¶PµPSPSCЦI C†P°C†C,PsC,Pë P»PµC,P°P»СҗPSPëC... PIPëPïP°PrPeC-PI. P·PeC†PïPµСҗPëPjPµPSC,Pë *in vitro* C,P° *in vivo* PSP° C,PIP°СҗPëPSP°C... PiPsPeP°P·P°P»Pë, C%Ps PSPµP±C-PIPsP»PsP» PSPµ PjP°C" PIP»P°C†PSPsC— C†PëPjPïP°C,PsPjC-PjPµC,PëC†PSPsC— P°PeC,PëPIPsPSPsC†C,C-. P·PeC†PïPµСҗPëPjPµPSC,Pë *in vitro* C,P° *in vivo* PSP° C,PIP°СҗPëPSP°C... PiPsPeP°P·P°P»Pë, C%Ps PSPµP±C-PIPsP»PsP» Cr C,,P°СҗPjP°PePsP»PsPiC-C†PSPëC... PrPsP·P°C... PSPµ PjP°C" C†C,P°P±C-P»C-P·C†СҗC†PsPiPs PIPïP»PëPIC† PSP° PjPµPjP±СҗP°PSPë. PJ P·PrPsСҗPsPIPëC... PrPsP±СҗPsPIPsP»СҗC†C-PI PSPµP±C-PIPsP»PsP» PSPµ PjP°C" C†C†C,C,C"PIPsPiPs PIPïP»PëPIC† PSP° PïPµСҗPµPSPsC†PëPjC-C†C,Сҗ PjP°PeC†PëPjP°P»СҗPSPsPiPs PSP°PIP°PSC,P°P¶PµPSPSCЦI P°P±Ps PSP° PIPëC,СҗPëPIP°P»C-C†C,Сҗ.

B PαP°СҗPjP°PePsPeC-PSPµC,PëPeP°.

PµC-C†P»C¶ PïPµСҗPsСҗP°P»СҗPSPsPiPs PïСҗPëP№PsPjCr PIC-PrP±C†PIP°C"С,СҗC†C¶ C€PIPëPrPePµ PIC†PjPsPeC,C†PIP°PSPSCЦI PsP±PsC... PµPSP°PSC,C-PsPjPµСҗC-PI PSPµP±C-PIPsP»PsP»Cr. PкP° PIC†PjPsPeC,C†PIP°PSPSCЦI PSPµP±C-PIPsP»PsP»Cr C—P¶P° PSPµ PIPïP»PëPIP°C", C,PsPjCr P№PsPiPs PjPsP¶PSP° PïСҗPëP№PjP°C,Pë P· C—P¶PµСҗ P°P±Ps P±PµP· C—P¶C-.

PкPµP±C-PIPsP»PsP» PiPsPIPsC-C†C,Сҗ PjPµC,P°P±PsP»C-P·C†C"С,СҗC†C¶, C†P°C†C,PePsPIPs P· CrC,PIPsСҗPµPSPSCЦI Pj P°PeC,PëPIPsPëC... PiC-PrСҗPsPeC†PëPjPµC,P°P±PsP»C-C,C-PI. P№PµC,P°P±PsP»C-P·Pj PSPµP±C-PIPsP»PsP»Cr PIC-PrP±C†PIP°C"С,СҗC†C¶ C€P»C¶C...PsPj P°C†PëPeP»C-C†PSPsPiPs P°P±Ps P°СҗPsPjP°C,PëC†PSPsPiPs PiC-PrСҗPsPeC†PëP»СҗPIP°PSPSCЦI,B B B B B B B B B B B B N-PrPµP°P»PeC-P»C†PIP°PSPSCЦI C,P° PïP»СҗPeC†СҗPsPSC†PIP°PSPSCЦI; PeСҗC-Pj C,PsPiPs, CrC,PIPsСҗСҗСҗC,СҗC†C¶ PiP»СҗPeC†СҗPsPSC-PrPë PiC-PrСҗPsPeC†PëPjPµC,P°P±PsP»C-C,C-PI. P№PµC,P°P±PsP»C-P·Pj PSPµP±C-PIPsP»PsP»Cr C€P»C¶C...PsPj PiC-PrСҗPsPeC†PëP»СҗPIP°PSPSCЦI PiC-PrPrP°C"С,СҗC†C¶ PiPµPSPµC,PëC†PSPsPjCr PsPePëC†P»СҗPIP°P»СҗPSPsPjCr PiPsP»C-PjPsСҗC,,C-P·PjCr, C%Ps P·P°P»PµP¶PëC,Сҗ PIC-Pr CYP2D6. P'С-PsPrPsC†C,C†PïPSC-C†C,Сҗ PïPµСҗPsСҗP°P»СҗPSPs P·P°C†C,PsC†PsPIP°PSPsPiPs PSPµP±C-PIPsP»PsP»Cr C†C,P°PSPsPIPëC,Сҗ 12 % PI PsC†C-P± P·C- C€PIPëPrPePëPj PjPµC,P°P±PsP»C-P·PjPsPj C,P° C" PjP°P№P¶Pµ PïPsPIPsPSPsСҗ PI PsC†C-P± P· PïPsPIC-P»СҗPSPëPj PjPµC,P°P±PsP»C-P·PjPsPj. PµСҗPë PrPsC†C¶PiPSPµPSPSC- C†C,C-P№PePsPiPs C†C,P°PSC† (steady-state) C,P° PïСҗPë PsPrPSP°PePsPIC-P№ PrPsP·C-

PjP°PeCÍPëPjP°P»CHBSPSP° PePsPSC†PµPSC,CḤP°C†C-CḶ Cr PīP»P°P·PjC-  
PSPµP·PjC-PSPµPSPsPiPs PSPµP±C-PIPsP»PsP»Cr PI PsCÍC-P± P· PīPsPIC-P»CHBSPSPëPj  
PjPµC,P°P±PsP»C-P·PjPsPj PīCḤPëP±P»PëP·PSPs PI 23 CḤP°P·Pë PIPëC%°P°, PSC-P¶ PI PsCÍC-P±  
P·C- C€PIPëPrPePëPj PjPµC,P°P±PsP»C-P·PjPsPj. PīPeC%°Ps PICḤP°C...PsPIC†PIP°C,Pë CÍC†PjC†  
PSPµP·PjC-PSPSPsPiPs P»C-PeP°CḤCÍCḤPePsPiPs P·P°CÍPsP±Cr C,P° PNëPsPiPs  
P°PeC,PëPIPSPëC... PjPµC,P°P±PsP»C-C,C-PI, C,Ps CḤC-P·PSPëC†CḶ  
PjP°PeCÍPëPjP°P»CHBSPSPsC— PePsPSC†PµPSC,CḤP°C†C-C— Cr PīP»P°P·PjC- PeCḤPsPIC-  
CÍC,P°PSPsPIPëC,CḤ PIC-Pr 1,3 PrPs 1,4 CḤP°P·Pë. P— PsPiP»CḶPrCr PSP°  
PIC-PrPjC-PSPSPsCÍC,C- Cr CÍC,C†PīPµPSCḶC... PjPµC,P°P±PsP»C-P·PjC†, PrPsP·Cr  
P»C-PeP°CḤCÍCḤPePsPiPs P·P°CÍPsP±Cr PkµPµ±C-C,PµPSP· CÍP»C-Pr PePsCḤPµPiC†PIP°C,Pë  
P·P°PIP¶PrPë P·P°P»PµP¶PSPs PIC-Pr C-PSPPrPëPIC-PrCrP°P»CHBSPSPëC... PīPsC,CḤPµP±  
PīP°C†C-C”PSC,P°: C,PsPjC† PsCÍPsP±P°Pj P· PīPsPIC-P»CHBSPSPëPj PjPµC,P°P±PsP»C-P·PjPsPj  
PjPsP¶C†C,CḤ P±C†C,Pë PīPsC,CḤC-P±PSC- PSPëP¶C†C- PrPsP·Pë.

P' PsCÍC-P± P·C- C€PIPëPrPePëPj PjPµC,P°P±PsP»C-P·PjPsPj P·PSP°C†PµPSPSCḶ  
PīPµCḤC-PsPrCr PSP°PīC-PIPIPëPIPµPrPµPSPSCḶ PµPSP°PSC,C-PsPjPµCḤC-PI  
PSPµP±C-PIPsP»PsP»Cr CÍC,P°PSPsPIP»CḶC,CḤ Cr CÍPµCḤPµPrPSCḤPsPjC† 10 PiPsPrPëPS. P'  
PsCÍC-P± P· PīPsPIC-P»CHBSPSPëPj PjPµC,P°P±PsP»C-P·PjPsPj C†Pµ P·PSP°C†PµPSPSCḶ PI 3BḤ”5  
CḤP°P·C-PI PIPëC%°Pµ. P' PsCÍC-P± P·C- C€PIPëPrPePëPj PjPµC,P°P±PsP»C-P·PjPsPj  
PePsPSC†PµPSC,CḤP°C†C-CḶ Rsss-PµPSP°PSC,C-PsPjPµCḤP° PrPµC%°Ps PIPëC%°P°, PSC-P¶  
PePsPSC†PµPSC,CḤP°C†C-CḶ SRRR-PµPSP°PSC,C-PsPjPµCḤP°. P' PsCÍC-P± P·  
PīPsPIC-P»CHBSPSPëPj PjPµC,P°P±PsP»C-P·PjPsPj C†CḶ CḤC-P·PSPëC†CḶ P±C-P»CHBCEP°.

P' PsCÍC-P± P·C- C€PIPëPrPePëPj PjPµC,P°P±PsP»C-P·PjPsPj P·PSP°C†PµPSPSCḶ  
PīPµCḤC-PsPrCr PSP°PīC-PIPIPëPIPµPrPµPSPSCḶ PiC-PrCḤPsPeCÍPëPjPµC,P°P±PsP»C-C,C-PI  
PsP±PsC... PµPSP°PSC,C-PsPjPµCḤC-PI CÍC,P°PSPsPIP»CḶC,CḤ Cr CÍPµCḤPµPrPSCḤPsPjC† 24  
PiPsPrPëPSPë, P° PI PsCÍC-P± P· PīPsPIC-P»CHBSPSPëPj PjPµC,P°P±PsP»C-P·PjPsPj C†C-  
P·PSP°C†PµPSPSCḶ PīCḤPëP±P»PëP·PSPs Cr 2 CḤP°P·Pë P±C-P»CHBCEC-.

PŸC,C-PNëPePëPNë CḤC-PIPµPSCḤ Cr PīP»P°P·PjC- PeCḤPsPIC- Cr P±C-P»CHBCEPsCÍC,C-  
PīP°C†C-C”PSC,C-PI P·C- C€PIPëPrPePëPj PjPµC,P°P±PsP»C-P·PjPsPj PrPsCÍCḶPiP°C”C,CḤCÍCḶ  
PīCḤPsC,CḶPiPsPj 24 PiPsPrPëPS, PrP»CḶ PiC-PrCḤPsPeCÍPëPjPµC,P°P±PsP»C-C,C-PI BḤ”  
PīCḤPsC,CḶPiPsPj PrPµPeC-P»CHBPePsC... PrPSC-PI.

PḷPsPSC†PµPSC,CḤP°C†C-CḶ Cr PīP»P°P·PjC- PeCḤPsPIC-, CḶPeP° CÍC,P°PSPsPIPëC,CḤ  
PIC-Pr 1 PrPs 30 PjPi PSPµP±C-PIPsP»PsP»Cr, PīCḤPsPiPsCḤC†C-PNëPSP° PrPs PrPsP·Pë. P' C-Pe  
P»CḤPrPëPSPë PSP° C,,P°CḤPjP°PePsPeC-PSPµC,PëPeC† PSPµP±C-PIPsP»PsP»Cr PSPµ  
PIPīP»PëPIP°C”.

PJ PīP»P°P·PjC- PeCḤPsPIC- PsP±PëPrPIP° PµPSP°PSC,C-PsPjPµCḤPë PīPµCḤPµPIP°P¶PSPs  
P·PIBḤ™ CḶP·P°PSC- P· P°P»CHBPr±C†PjC-PSPsPj. P—PIBḤ™ CḶP·C†PIP°PSPSCḶ P·  
P±C-P»PeP°PjPë PīP»P°P·PjPë PrP»CḶ SRRR-PSPµP±C-PIPsP»PsP»Cr CÍC,P°PSPsPIPëC,CḤ 98,1  
%, P° PrP»CḶ Rsss-PSPµP±C-PIPsP»PsP»Cr BḤ” 97,9 %.

PŞPµCḤPµP· C,PëP¶PrPµPSCḤ PiC-C†P»CḶ P·P°CÍC,PsCÍC†PIP°PSPSCḶ 38 % PrPsP·Pë  
PIPëPIPsPrPëC,CḤCÍCḶ P· CÍPµC†PµCḤ C- 48 % BḤ” P· PeP°P»PsPj. P'PëPIPµPrPµPSPSCḶ  
PSPµP·PjC-PSPµPSPsPiPs PSPµP±C-PIPsP»PsP»Cr PSPëCḤPeP°PjPë CÍC,P°PSPsPIPëC,CḤ  
PjPµPSC€Pµ 0,5 % PrPsP·Pë.





СІРР С,Р°С...С-Рер°СЧРРС-СІ С,Р° РІРсСІРРер»РμРSPРμ СІРμСЧС†РμР±Рер,С,СІ;  
РсРРРSPС†Р°СІРSPРμ Р·Р°СІС,РсСІСІРРІР°РSPSCІ Р±РμС,Р°·Р±Р»РсРер°С,РсСЧС-РІ С-Р·  
РІРсС...С-РРРSPерРјРер СІСІР»СЧС,,РсРSC-Р»СІРμС†РсРІРерSPер РіС-РРРІРер°С†С” СЧРер·РерР  
СЧРРсР·РІРер,Рер С,СІР¶РерРсС— РіС-РІРсРІР»С-РерРμРјС-С— (РРерРІ. СЧРРсР·РРС-Р»  
В«РсСІРсР±Р»РерРІРсСІС,С- Р·Р°СІС,РсСІСІРРІР°РSPSCІВ»);

Рі) Р· Р±Р°Рер»РсС,,РμРSPРсРј (Р°РSC,РерСІРІР°СІС,РерС†РSPерРμ Р·Р°СІС-Р±),  
Р°РјС-С,,РсСІС,РерSPРсРј (РРРсРРР°С,РерРсРІРерРμ РіСЧРсС,РерРіСІС...Р»РерSPSPерРμ  
Р·Р°СІС-Р±) в” РсРРРSPС†Р°СІРSPРμ С—С... Р·Р°СІС,РсСІСІРРІР°РSPSCІ Р·  
Р°РSC,РерРіС-РІРμСЧС,РμРSP·РерРІРSPерРјРер Р·Р°СІРсР±Р°РјРер РјРсР¶Рμ РіСЧРер·РІРμСІС,Рер  
РРРс Р·РSP°С†РSPРсРІРс Р·РSPерР¶РμРSPSCІ Р°СЧС,РμСЧС-Р°Р»СЧРSPРсРІРс С,РерСІРерС,  
С,РсРјСІ РРРсР·СІ Р°РSC,РерРіС-РІРμСЧС,РμРSP·РерРІРSPер... Р·Р°СІРсР±С-РІ  
РІРсС,СЧС-Р±РSPРс РІС-РРРІРсРІС-РРРSPРс РІС-РРРерРсСЧРерРіСІРР°С,Рер.

РμСЧРер РсРРРSPС†Р°СІРSPРсРјСІ Р·Р°СІС,РсСІСІРРІР°РSPSC- СІР»С-РР  
РІСЧР°С...РсРІСІРР°С,Рер:

Р°) РІР»С-РерРсР·РерРРер РіСЧСІРІРер РSP°РІРμСЧСІС,СІРSPерРер в”  
СІРІРсРІС-Р»СЧРSPСЧС”С,СЧСІСІ Рер’-РіСЧРсРІС-РРРSC-СІС,СЧ, РсРРРSP°Рер  
Рер»С-РSC-С†РSC- РРРсСІР»С-РРР¶РμРSPSCІ РІРер°С-РІРсРер С%РсРРРс С†С-С”С—  
РІР·Р°С”РјРсРРС-С— РSPРμ РРР°Р»Рер. РќРμР±С-РІРсР»РсР» РSPРμ РІРІР»РерРІР°С” РSP°  
Рер-РSPРμС,РерРерСІ РРерРІРсРерСІРерSPСІ;

Р±) Р°РSC,Р°РІРсРSC-СІС,Рер Рер°Р»СЧС†С-СЧ С,РерРіСІ РРерРіС-РРСЧРсРІС-СЧРерРРерSPСІ  
(Р°РјР»РсРРерРіС-Рс, С,,РμР»РсРРерРіС-Рс, Р»Р°С†РерРерРіС-Рс, РSC-С,,РμРРерРіС-Рс,  
РSC-Рер°СЧРРерРіС-Рс, РSC-РјРсРРерРіС-Рс, РSC-С,СЧРμРSPРерРіС-Рс) в”  
РіС-РРРІРер°С†С”С,СЧСІСІ СЧРер·РерРер Р°СЧС,РμСЧС-Р°Р»СЧРSPРсС—  
РіС-РІРсС,РμРSP·С—, Р° СІ С...РІРсСЧРер... С-Р· СІРμСЧС†РμРІРсСЧ  
РSPРμРРсСІС,Р°С,РSC-СІС,СЧ РјРсР¶Рμ РІРсРІС-СЧСРерРер,РерСІСІ РSP°СІРсСІРSP°  
С,,СІРSPерС†С-СІ СРер»СІРSPРс†РерС-РІ;

РІ) Р°РSC,РерРіСІРер...РсС,РерС†РSC-, Р°РSC,РерРРμРіСЧРμСІР°РSC,Рер  
(С,СЧРерС†РерРер»С-С†РSC- Р°РSC,РерРРμРіСЧРμСІР°РSC,Рер, Р±Р°СЧРР±С-С,СІСЧР°С,Рер,  
РІРсС...С-РРРSC- С,,РμРSPРсС,С-Р°Р·РерSPСІ) в” РјРсР¶Рμ РіС-РРРІРер°С†СІРР°С,РерСІСЧ  
Р°РSC,РерРіС-РІРμСЧС,РμРSP·РерРІРSP° РРС-СІ (РіСЧРерSPС†РерРі РРРсРРР°РІР°РSPSCІ  
РμС,,РμРерС,С-РІ);

Рі) РSPРμСІС,РμСЧРсС—РРРSC- РіСЧРсС,РерР·Р°РІР°Р»СЧРSPС- Р·Р°СІРсР±Рер в” РSPРμ  
РІРІР»РерРІР°СЧС,СЧ РSP° Р°РSC,РерРіС-РІРμСЧС,РμРSP·РерРІРSPСІ РРС-СЧ  
РќРμР±С-С,РμРSP·СІ;

РР) СІРерРјРІР°С,РсРјС-РјРμС,РерРер в” РјРсР¶РμСІС,СЧ РіСЧРсС,РерРРС-СІС,Рер  
Р°РSC,РерРіС-РІРμСЧС,РμРSP·РерРІРSPС-Рμ РРС-С— β-Р°РРСЧРμРSPРсР±Р»РсРер°С,РсСЧС-РІ.  
Р”С-СЧС†С- СЧРμС†РсРІРерSPер Р· β-Р°РРСЧРμРSPРμСЧРіС-С†РSPРсСЧ РРС-С”СЧ РјРсР¶РμСІС,СЧ  
РіСЧРер·РІРμСІС,Рер РРРс Р±РμР·РІРμСЧРμСРерРсРРSPРсС— α-Р°РРСЧРμРSPРμСЧРіС-С†РSPРсС—  
Р°Рер,РерРІРSPСІС,С- СІРерРјРІР°С,РсРјС-РјРμС,РерРер-РІ Р· РSP°СІРІРSC-СІС,СЧ СІРер α-,  
С,Р°Рер С- β-Р°РРСЧРμРSPРμСЧРіС-С†РSPер... РμС,,РμРерС,С-РІ (РSPРμР±РμР·РІРμРер°  
СЧРРсР·РІРер,РерСІ Р°СЧС,РμСЧС-Р°Р»СЧРSPРсС— РіС-РІРμСЧС,РμРSP·С—, С,СІР¶РерРсС—  
Р±СЧРРерРерРер°СЧРРРС-С— С,Р° СІРμСЧС†РμРІРсС— Р±Р»РсРер°РРер).

P·P·P·C”PjPsPrC—, P·CfPjPsPIP»PμPSC- C,,P°CḡPjP°PePsPeC-PSPμC,PëPePsCḡ  
PīCḡPμPīP°CḡP°C,Cf:

вḡ“ PsCfPeC-P»CḡPePë Cr PīCḡPsCfPμCfC- PjPμC,P°P±PsP»C-P·PjCf  
PSPμP±C-PIPsP»PsP»Cf P±PμCḡPμ CfCfP°CfC,Cḡ C-P·PsC,,PμCḡPjPμPSC, CYP2D6, C,Ps  
CfPīC-P»CḡPSPμ P·P°CfC,PsCfCfPIP°PSPSCf PīCḡPμPīP°CḡP°C,C-PI, C%Ps  
PīCḡPëPīPSC-CfCfCḡ,Cḡ CfPμPNë C,,PμCḡPjPμPSC, (PīP°CḡPsPeCfPμC,PëPS,  
C,,P»CfPsPeCfPμC,PëPS, C,C-PsCḡPëPrP°P·PëPS, C...C-PSC-PrPëPS), PīC-PrPIPëC%CrC”  
CḡC-PIPμPSCḡ PSPμP±C-PIPsP»PsP»Cf Cr PīP»P°P·PjC- PeCḡPsPIC- C- C,P°PePëPj CfPëPSPsPj  
PīC-PrPIPëC%CrC” CḡPëP·PëPe PIPëPSPëPePSPμPSPSCf PSP°PrPjC-CḡPSPsC—  
P±CḡP°PrPëPeP°CḡPrC-C— C,P° C-PSC€PëC... PīPsP±C-CfPSPëC... CḡPμP°PeCfC-PNë;

вḡ“ CfPëPjPμC,PëPrPëPS PīC-PrPIPëC%CrC” CḡC-PIPμPSCḡ PSPμP±C-PIPsP»PsP»Cf Cr  
PīP»P°P·PjC- PeCḡPsPIC-, P°P»Pμ P±PμP· P·PjC-PSPë PeP»C-PSC-CfPSPsC—  
PμC,,PμPeC,PëPIPSPsCfC,C-. P P°PSC-C,PëPrPëPS PSPμ PIPīP»PëPIP°C” PSP°  
C,,P°CḡPjP°PePsPeC-PSPμC,PëPeCf PSPμP±C-PIPsP»PsP»Cf;

вḡ“ P·P° CfPjPsPIPë, C%Ps PkPμP±C-C,PμPSP· CfP»C-Pr P·P°CfC,PsCfPsPICfPIP°C,Pë  
PīC-Pr CfP°Cf C—P¶Pë, P° P°PSC,P°CfPëPrPSPëPNë P·P°CfC-P± вḡ“ PjC-P¶ PīCḡPëPNëPsPjP°PjPë  
C—P¶C-, CfC- PīCḡPμPīP°CḡP°C,Pë PjPsP¶PSP° PīCḡPëP·PSP°CfP°C,Pë CḡP°P·PsPj;

вḡ“ PīCḡPë PePsPjP±C-PSPsPIP°PSPsPjCf P·P°CfC,PsCfCfPIP°PSPSC-  
PSPμP±C-PIPsP»PsP»Cf P· PSC-PeP°CḡPrPëPīC-PSPsPj PrPμC%Ps  
PīC-PrPIPëC%CrPIP°P»PëCfCf CḡC-PIPSC- PePsPSCfPμPSC,CḡP°CfC-PNë PsP±PsC...  
P»C-PeP°CḡCfCḡPePëC... P·P°CfPsP±C-PI Cf PīP»P°P·PjC- P±PμP· P·PjC-PSPë  
PeP»C-PSC-CfPSPsC— PμC,,PμPeC,PëPIPSPsCfC,C-;

вḡ“ PsPrPSPsCfP°CfPSPμ P·P°CfC,PsCfCfPIP°PSPSCf P°P»PePsPiPsP»Cḡ,  
C,,CfCḡPsCfPμPjC-PrCf P°P±Ps PīC-PrCḡPsC...P»PsCḡPsC,C-P°P·PëPrCf PSPμ PIPīP»PëPIP°C”  
PSP° C,,P°CḡPjP°PePsPeC-PSPμC,PëPeCf PSPμP±C-PIPsP»PsP»Cf;

вḡ“ PSPμP±C-PIPsP»PsP» PSPμ PIPīP»PëPIP°C” PSP° C,,P°CḡPjP°PePsPrPëPSP°PjC-PeCf C,P°  
C,,P°CḡPjP°PePsPeC-PSPμC,PëPeCf PIP°CḡC,,P°CḡPëPSCf.

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

P—P°PīP°P»CḡPSPëPjPë PrP»Cf β-P°PrCḡPμPSPsP±P»PsPeP°C,PsCḡC-PI C”  
PSPëP¶CfPμP·P°P·PSP°CfPμPSC- PīPsPīPμCḡPμPrP¶PμPSPSCf C- P·P°CfC,PμCḡPμP¶PSC-  
P·P°C...PsPrPë.

*PḡPSPμCfC,PμP·C-Cf.*

PμCḡPsPrPsPIP¶PμPSPSCf β-P±P»PsPeP°PrPë P·PjPμPSC€CfC” CḡPëP·PëPe PīPsCḡCfC€PμPSCḡ  
CfPμCḡCfPμPIPSPiPs CḡPëC,PjCf PīC-Pr CfP°Cf PIPIPμPrPμPSPSCf Cf PSP°CḡPePsP· C,P°  
C-PSC,CfP±P°CfC-C—. PīPeC%Ps PīCḡPë PīC-PrPīPsC,PsPICfC- PrPs  
C...C-CḡCfCḡPīC-CfPSPsPiPs PIC,CḡCfCfP°PSPSCf β-P±P»PsPeP°PrCf CfP»C-Pr  
PīPμCḡPμCḡPIP°C,Pë, C,Ps P±P»PsPeP°C,PsCḡPëB B B B B B B B β-  
P°PrCḡPμPSPsCḡPμCfPμPīC,PsCḡC-PI CfP»C-Pr PIC-PrPjC-PSPëC,Pë PSPμ PjPμPSC€Pμ PSC-P¶  
P·P° 24 PīPsPrPëPSPë PrPs CfCḡPsPiPs.

P—P°CГC,PsCГCрPIP°PSPSCЦ PsPeCГPμPjPëC... P°PSPμCГC,PμC,PëPeC-PI, CЦPeC-  
CГPиCГPëC±PëPSCЦCГC,ЧБ PиCГPëPиPSC-C±PμPSPSCЦ PjC-PsPeP°CГPPrP°, PиPsC,CГPμP±CрC”  
PsP±PμCГPμP¶PSPScГC,C-. PμPsCЦPICр PIP°PиCрCГPSPëC... CГPμP°PeC†C-PNë Cр  
PиP°C†C-C”PSC,P° PjPsP¶PSP° PиPsPиPμCГPμPrPëC,Pë P·P° PrPsPиPsPjPsPиPsCГ  
PIPSCрC,CГC-CëPSCГБPsPIPμPSPSPsPiPs PИPиPμPrPμPSPSCЦ P°C,CГPμPиC-PSCр.

*PŸPμCГC†PμPIPs-CГCзPrPëPSPSP° CГPëCГC,PμPjP°.*

PиPe PиCГP°PIPëP»Ps, PиP°C†C-C”PSC,P°Pj C-P·PSPμP»C-PePsPIP°PSPsCГ  
C...CГPμPSC-C±PSPsCГ CГPμCГC†PμPIPsCГ PSPμPrPsCГC,P°C,PSC-CГC,CГ (PГPŸPк)  
P±P»PsPeP°C,PsCГPë

β-P°PrCГPμPSPsCГPμC†PμPиC,PsCГC-PI PSPμ CГP»C-Pr PиCГPëP·PSP°C±P°C,Pë, PиPsPePë C—C...  
CГC,P°PS PSPμ CГC,P°PSPμ CГC,P°P±C-P»ЧБPSPëPj.

PμCГPëPиPëPSCЦC,Pë C,PμCГP°PиC-CГ β-P°PrCГPμPSPsP±P»PsPeP°C,PsCГP°PjPë  
PиP°C†C-C”PSC,P°Pj, CЦPeC- PjP°CГC,ЧБ C-CëPμPjC-C±PSCр C...PIPscГPμP±Cр CГPμCГC†CЦ,  
CГP»C-Pr PиPsCГC,CрPиPsPIPs, C,PsP±C,Ps PиCГPμC,CЦPиPsPj 1БГ”2 C,PëP¶PSC-PI. Pj CГP°P·C-  
PSPμPsP±C...C-PrPSPsCГC,C-, C%PsP± P·P°PиPsP±C-PиC,Pë P·P°PиPsCГC,CГPμPSPSCГ  
CГC,PμPSPsPeP°CГPPrC-C—, CГPμPePsPjPμPSPPrCрC”C,ЧБCГCЦ PsPrPSPsC±P°CГPSPs  
PиPsC±P°C,Pë P·P°PjC-CГPSCр C,PμCГP°PиC-CГ.

P’P»PsPeP°C,PsCГPë β-P°PrCГPμPSPsCГPμC†PμPиC,PsCГC-PI PjPsP¶CрC,ЧБ  
CГPиCГPëC±PëPSCЦC,Pë P±CГP°PrPëPeP°CГPPrC-CГ. PиPeC%Ps PиCрP»ЧБCГ Cр CГC,P°PSC-  
CГPиPsPePsCГ P·PSPëP¶CрC”C,ЧБCГCЦ PrPs 50БГ”55 CрPrP°CГC-PI P·P° C...PIPëP»PëPSCр  
C,P°/P°P±Ps Cр PиP°C†C-C”PSC,P° CГPμP·PIPëPIP°CГC,ЧБCГCЦ CГPëPjPиC,PsPjPë, CЦPeC-  
PIPeP°P·CрCГC,ЧБ PSP° P±CГP°PrPëPeP°CГPPrC-CГ, C,Ps PrPsP·Cр  
CГPμPePsPjPμPSPPrCрC”C,ЧБCГCЦ P·PjPμPSCëPëC,Pë.

P’P»PsPeP°C,PsCГPë β-P°PrCГPμPSPsCГPμC†PμPиC,PsCГC-PI CГP»C-Pr  
P·P°CГC,PsCГPsPICрPIP°C,Pë P· PsP±PμCГPμP¶PSC-CГC,CГ PиCГPë P»C-PeCрPIP°PSPSC-:

P°) PиP°C†C-C”PSC,C-PI P· PиPsCГCрCëPμPSPSCЦPjPë PиPμCГPëC,,PμCГPëC±PSPsPiPs  
PeCГPμPIPμPsP±C-PиCр (C...PIPscГPμP±P° P°P±Ps CГPëPSPPrCГPμPj P PμPNëPSPs,  
PиPμCГPμPjC-P¶PSP° PeCрP»ЧБPиP°PIC-CГC,ЧБ), PsCГPeC-P»ЧБPePë PjPsP¶Pμ  
CГPμP·PIPëPSCрC,PëCГCЦ P·P°PиPsCГC,CГPμPSPSCЦ P·P°P·PSP°C±PμPSPëC...  
P·P°C...PIPscГCГPиP°PSCГ;

P±) PиP°C†C-C”PSC,C-PI P· P°C,CГC-PsPIPμPSC,CГPëPeCрP»CЦCГPSPsCГ P±P»PsPeP°PrPsCГ  
P† CГC,CрPиPμPSCЦ Cр P·PиBГ”™ CЦP·PeCр P· PSPμPиP°C,PëPIPSPëPj PИPиP»PëPIPμPj  
P±P»PsPeP°C,PsCГC-PIB B B B B β-P°PrCГPμPSPsCГPμC†PμPиC,PsCГC-PI PSP°  
CГPμCГC†PμPICр PиCГPμPIC-PrPSC-CГC,ЧБ;

PI) C...PIPscГPëC... PSP° CГC,PμPSPsPeP°CГPPrC-CГ PμCГPëPSC†PjPμC,P°P»P°  
PIPSP°CГP»C-PrPsPe P±PμP·PиPμCГPμCëPePsPrPSPsC— PIP°P·PsPePsPSCГC,CГPëPeC†C-C—  
PePsCГPμPSP°CГPSPëC... P°CГC,PμCГC-PNë, PsPиPsCГPμCГPμPrPePsPIP°PSPsC— C±PμCГPμP· a-  
P°PrCГPμPSPsCГPμC†PμPиC,PsCГPë: P±P»PsPeP°C,PsCГPë β-  
P°PrCГPμPSPsCГPμC†PμPиC,PsCГC-PI PjPsP¶CрC,ЧБ P·P±C-P»ЧБCëCрPIP°C,Pë  
C±P°CГC,PsC,Cр C- C,CГPëPIP°P»C-CГC,ЧБ PSP°PиP°PrC-PI CГC,PμPSPsPeP°CГPPrC-C—.

PμPsPjP±C-PSP°C†C-CЦ PSPμP±C-PIPsP»PsP»Cр P· P°PSC,P°PиPsPSC-CГC,P°PjPë  
PeP°P»ЧБC†C-CГ C,PëPиCр PИPμCГP°PиP°PjC-P»Cр C,P° PrPëP»C,C-P°P·PμPjCр, P·  
P°PSC,PëP°CГPëC,PjC-C±PSPëPjPë P·P°CГPsP±P°PjPë P† PиCГCрPиPë, P° C,P°PePsP¶ P·

PiC-PiPsC, PμPSP·PëPIPSPëPjPë P·P°CÍPsP±P°PjPë C†PμPSC, CĤP°P»CHPSPsC— PrC-C— PSPμ  
CĤPμPePsPjPμPSPPrCíCĤC, CHCÍCÍCĬ PIP·P°PiP°P»C- (PrPμC, P°P»CHPSCÍ  
C-PSC,, PsCĤPjP°C†C-CĤ PrPëPI. Cí CĤPsP·PrC-P»C- B«P'P·P°C" PjPsPrC-CĬ P· C-PSC€PëPjPë  
P»C-PeP°CĤCÍCĤPePëPjPë P·P°CÍPsP±P°PjPë C, P° C-PSC€C- PIPëPrPë PIP·P°C" PjPsPrC-PMëB»).

*PĥP±PjC-PS CĤPμC†PsPIPëPS C, P° PμPSPPrPsPeCĤPëPSPSP° CÍPëCÍC, PμPjP°.*

PĥPμP±C-C, PμPSP· PSPμ PIPiP»PëPIP°C" PSP° CĤC-PIPμPSCĤ PiP»CĤPePsP·Pë PI PeCĤPsPIC-  
Cí C...PIPsCĤPëC... PSP° C†CíPeCĤPsPIPëPMë PrC-P°P±PμC,, PĥPμP·PIP°P¶P°CĤC†Pë PSP° C†Pμ,  
PSPμPsP±C...C-PrPSPs P±CíC, Pë PsP±PμCĤPμP¶PSPëPj PíCĤPë PMëPsPiPs  
P·P°CÍC, PsCÍCíPIP°PSPSC- C...PIPsCĤPëPj C†C-C" C— PeP°C, PμPiPsCĤC-C—,  
PsCÍPeC-P»CHPePë PSPμP±C-PIPsP»PsP» PjPsP¶Pμ PjP°CÍPeCíPIP°C, Pë PrPμCĬPeC-  
CÍPëPjPíC, PsPjPë PiC-PiPsPiP»C-PePμPjC-C— (C, P°C...C-PeP°CĤPrC-CĬ, PiPsCÍPëP»PμPSPμ  
CÍPμCĤC†PμP±PëC, C, CĬ). P'PμC, P°-P±P»PsPeP°C, PsCĤPë PjPsP¶CíC, CH PrPsPrP°C, PePsPIPs  
PíC-PrPIPëC%PëC, Pë CĤPëP·PëPe C, CĬP¶PePsC— PiC-PiPsPiP»C-PePμPjC-C— Cí CĤP°P·C-  
PsPrPSPsC†P°CÍPSPsPiPs P·P°CÍC, PsCÍCíPIP°PSPSCĬ P· PiPsC...C-PrPSPëPjPë  
CÍCíP»CHC,, PsPSC-P»CÍPμC†PsPIPëPSPë. PμP°C†C-C" PSC, P°Pj C-P· C†CíPeCĤPsPIPëPj  
PrC-P°P±PμC, PsPj CÍP»C-Pr CĤPμPePsPjPμPSPPrCíPIP°C, Pë CĤPμC, PμP»CHPSPs  
PePsPSC, CĤPsP»CĤPIP°C, Pë CĤC-PIPμPSCĤ PiP»CĤPePsP·Pë PI PeCĤPsPIC- (PrPëPI.  
CĤPsP·PrC-P» B«P'P·P°C" PjPsPrC-CĬ P· C-PSC€PëPjPë P»C-PeP°CĤCÍCĤPePëPjPë  
P·P°CÍPsP±P°PjPë C, P° C-PSC€C- PIPëPrPë PIP·P°C" PjPsPrC-PMëB»). B P'P»PsPeP°C, PsCĤPë b-  
P°PrCĤPμPSPsCĤPμC†PμPíC, PsCĤC-PI PjPsP¶CíC, CH PjP°CÍPeCíPIP°C, Pë CÍPëPjPíC, PsPjPë  
C, P°C...C-PeP°CĤPrC-C— PíCĤPë PiC-PiPμCĤC,, CíPSPeC†C-C— C%PëC, PsPIPëPrPSPsC—  
P·P°P»PsP·Pë. P P°PíC, PsPIPμ PíCĤPëPíPëPSPμPSPSCĬ C, PμCĤP°PíC-C— PjPsP¶Pμ  
PiPsCÍPëP»PëC, Pë C†C- CÍPëPjPíC, PsPjPë.

*P" PëC...P°P»CHPSP° CÍPëCÍC, PμPjP°.*

PμP°C†C-C" PSC, P°Pj P· C...CĤPsPSC-C†PSPëPjPë PsP±CÍC, CĤCíPeC, PëPIPSPëPjPë  
P·P°C...PIPsCĤCĤPIP°PSPSCĬPjPë PrPëC...P°P»CHPSPëC... C€P»CĬC...C-PI β-  
P°PrCĤPμPSPsP±P»PsPeP°C, PsCĤPë CÍP»C-Pr P·P°CÍC, PsCÍPsPICíPIP°C, Pë P·  
PsP±PμCĤPμP¶PSC-CÍC, CĤ, PsCÍPeC-P»CHPePë PjPsP¶Pμ PiPsCÍPëP»PëC, PëCÍCĬ  
P·PICíP¶PμPSPSCĬ PrPëC...P°P»CHPSPëC... C€P»CĬC...C-PI.

*P†PSC€Pμ.*

PÍPIPsCĤPëPj PSP° PíCÍPsCĤC-P°P· PI P°PSP°PjPSPμP·C- PíCĤPëP·PSP°C†P°C, Pë β-  
P°PrCĤPμPSPsP±P»PsPeP°C, PsCĤPë CÍP»C-Pr C, C-P»CHPePë PíC-CÍP»CĬ  
CĤPμC, PμP»CHPSPsPiPs PIPëPIP°P¶PμPSPSCĬ.

P'P»PsPeP°C, PsCĤPë β-P°PrCĤPμPSPsCĤPμC†PμPíC, PsCĤC-PI PjPsP¶CíC, CH  
PíC-PrPIPëC%CíPIP°C, Pë C†CíC, P»PëPIC-CÍC, CH PrPs P°P»PμCĤPiPμPSC-PI C-  
CÍC, CíPíC-PSCĤ C, CĬP¶PePsCÍC, C- P°PSP°C,, C-P»P°PeC, PëC†PSPëC... CĤPμP°PeC†C-PMë.

PĥP° PiPsC†P°C, PeCí P»C-PeCíPIP°PSPSCĬ C...CĤPsPSC-C†PSPsC— CÍPμCĤC†PμPIPsC—  
PSPμPrPsCÍC, P°C, PSPsCÍC, C- PSPμP±C-PIPsP»PsP»PsPj PSPμPsP±C...C-PrPSPëPMë  
CĤPμPiCíP»CĬCĤPSPëPMë PjPsPSC-C, PsCĤPëPSPi P·P° CÍC, P°PSPsPj C...PIPsCĤPsPiPs.  
P†PSC,, PsCĤPjP°C†C-CĤ PíCĤPs CÍPíPsCÍC-P± P·P°CÍC, PsCÍCíPIP°PSPSCĬ C, P° PrPsP·Pë  
PrPëPI. Cí CĤPsP·PrC-P»C- B«P'PíPsCÍC-P± P·P°CÍC, PsCÍCíPIP°PSPSCĬ C, P° PrPsP·PëB».

P'PμP· PSP°PiP°P»CHPSPsC— PiPsC, CĤPμP±Pë PSPμ CÍP»C-Pr CĤC-P·PePs  
PíCĤPëPíPëPSCĬC, Pë P»C-PeCíPIP°PSPSCĬ (PrPëPI. CĤPsP·PrC-P» B«P'PíPsCÍC-P±

P·P°CÍC,PsCÍCfPIP°PSPSCÍ C,P° PrPsP·PëB»).

P>C-PeP°CĤCÍCHPePëPNë P·P°CÍC-P± PjC-CÍC,PëC,CH P»P°PeC,PsP·Cf.  
P>C-PeP°CĤCÍCHPePëPNë P·P°CÍC-P± PkPµP±C-C,PµPSP·PSPµ CÍP»C-Pr  
P·P°CÍC,PsCÍPsPICfPIP°C,Pë C...PIPsCĤPëPj P·C- CÍPiP°PrPePsPIPsCĤ  
PSPµPiPµCĤPµPSPsCÍPëPjC-CÍC,CH PiP°P»P°PeC,PsP·Pë, PrPµC,,C-C†PëC,PsPj P»P°PeC,P°P·Pë  
P°P±Ps CÍPëPSPrCĤPsPjPsPj PjP°P»CHP°P±CÍPsCĤP±C†C-C— PiP»CĤPePsP·Pë-  
PiP°P»P°PeC,PsP·Pë.

*P—P°CÍC,PsCÍCzPIP°PSPSCÍ Cz PiPµCĤC-PsPr PIP°PiC-C,PSPsCÍC,C- P°P±Ps  
PiPsPrCzPIP°PSPSCÍ PiCĤCzPrPrCĤ.*

*P'P°PiC-C,PSC-CÍC,CH*

PkPµP±C-PIPsP»PsP» PjP°C” C,,P°CĤPjP°PePsP»PsPiC-C†PSC- PµC,,PµPeC,Pë, CÍPeC-  
PSPµPiP°C,PëPIPsPs PIPiP»PëPIP°CĤC,CH PSP° PIP°PiC-C,PSC-CÍC,CH C,P°/P°P±Ps PSP°  
PiP»C-Pr/PSPµPjPsPIP»CÍ. P—P°PiP°P»PsPj, β-P°PrCĤPµPSPsP±P»PsPeP°C,PsCĤPë  
P·PjPµPSC€CfCĤC,CH PeCĤPsPIPsPsP±C-Pi PI PiP»P°C†PµPSC,C-, P· C†PëPj  
PiPsPiBĤ™ CÍP·CfCĤC,CH P·P°C,CĤPëPjPeCf CĤPsCÍC,Cf,  
PIPsCfC,CĤC-C€PSCĤPsCfC,CĤPsP±PSCf CÍPjPµCĤC,CH, PIPëPePëPrPµPSCĤ C,P°  
PiPµCĤPµPrC†P°CÍPSC- PiPsP»PsPiPë. PµPsP±C-C†PSC- PµC,,PµPeC,Pë (PSP°PiCĤPëPeP»P°Pr  
PiC-PiPsPiP»C-PePµPjC-CÍ C,P° P±CĤP°PrPëPeP°CĤPrC-CÍ) PjPsP¶CfC,CH  
PIPëPSPëPePSCfC,Pë Cf PiP»PsPrP° C,P° PSPsPIPsPSP°CĤPsPrP¶PµPSPsPiPs. PiPëC%Ps  
P»C-PeCfPIP°PSPSCÍ β-P±P»PsPeP°C,PsCĤP°PjPë C” PSPµPsP±C...C-PrPSPëPj, C,Ps  
PeCĤP°C%Pµ PSP°PrP°C,Pë PiPµCĤPµPIP°PiCf β<sub>1</sub>-CÍPµP»PµPeC,PëPIPsPëPj β-  
P°PrCĤPµPSPsP±P»PsPeP°C,PsCĤP°Pj.

PkPµP±C-PIPsP»PsP» PSPµ PjPsP¶PSP° P·P°CÍC,PsCÍPsPICfPIP°C,Pë Cf PiPµCĤC-PsPr  
PIP°PiC-C,PSPsCÍC,C-, C,C-P»CHPePë CÍPeC%Ps PI C†CHPsPjCf C” P±PµP·CÍCfPjPSC-PIPsP°  
PSPµPsP±C...C-PrPSC-CÍC,CH. PiPëC%Ps P»C-PeCfPIP°PSPSCÍ PSPµP±C-PIPsP»PsP»PsPj  
PIPIP°P¶P°C”,CHCÍCÍ PSPµPsP±C...C-PrPSPëPj, CÍP»C-Pr CÍPiPsCÍC,PµCĤC-PiP°C,Pë P·P°B  
PjP°C,PePsPIPs-PiP»P°C†PµPSC,P°CĤPSPëPj PeCĤPsPIPsPsP±C-PiPsPj C,P° CĤPsCÍC,PsPj  
PiP»PsPrP°. PµCĤPë PIPëCÍPIP»PµPSPSC- C€PeC-PrP»PëPIPsPiPs PIPiP»PëPICf PSP°  
PIP°PiC-C,PSC-CÍC,CH C†Pë PSP° PiP»C-Pr CÍP»C-Pr CĤPsP·PiP»CÍPSCfC,Pë PiPëC,P°PSPSCÍ  
PiCĤPs P°P»CHC,PµCĤPSP°C,PëPIPsPµ P»C-PeCfPIP°PSPSCÍ. P—P°  
PSPsPIPsPSP°CĤPsPrP¶PµPSPëPj PSPµPjPsPIP»CÍPj PiPsC,CĤC-P±PSPs CĤPµC,PµP»CHPSPs  
CÍPiPsCÍC,PµCĤC-PiP°C,Pë. PŸPëPjPiC,PsPjPë PiC-PiPsPiP»C-PePµPjC-C— C,P°  
P±CĤP°PrPëPeP°CĤPrC-C— P·P°PiP°P»PsPj PjPsP¶PSP° PsC†C-PeCfPIP°C,Pë PiCĤPsC,CÍPiPsPj  
PiPµCĤC€PëC... C,CĤCHPsC... PrPSC-PI.

*PµPµCĤC-PsPr PiPsPrCzPIP°PSPSCÍ PiCĤCzPrPrCĤ.*

P”PsCÍP»C-PrP¶PµPSPSCÍ PSP° C,PIP°CĤPëPSP°C... PiPsPeP°P·P°P»Pë, C%Ps  
PSPµP±C-PIPsP»PsP» PiCĤPsPSPëPeP°C” Cf PiCĤCfPrPSPµ PjPsP»PsPePs. PkPµPIC-PrPsPjPs,  
C†Pë C†CÍ CĤPµC†PsPIPëPSP° PiCĤPsPSPëPeP°C” Cf PiCĤCfPrPSPµ PjPsP»PsPePs  
P»CĤPrPëPSPë. P·C-P»CHC€C-CÍC,CH β-P±P»PsPeP°C,PsCĤC-PI, P° CÍP°PjPµ  
P»C-PiPsC,,C-P»CHPSC- CÍPiPsP»CfPePë BĤ” C,P°PeC- CÍPe PSPµP±C-PIPsP»PsP» C,P°  
PNëPsPiPs P°PeC,PëPIPsC- PjPµC,P°P±PsP»C-C,Pë BĤ” PiCĤPsPSPëPeP°CĤC,CH, C...PsC†P°  
CĤC-P·PSPsCĤ PjC-CĤPsCĤ, Cf PiCĤCfPrPSPµ PjPsP»PsPePs. PŸPsPjCf PiPsPrCfPIP°PSPSCÍ  
PiCĤCfPrPrCĤ PiC-Pr C†P°CÍ P·P°CÍC,PsCÍCfPIP°PSPSCÍ PSPµP±C-PIPsP»PsP»Cf PSPµ

СҫPμPεPσPjPμPSPPrCfC”C,CHCГCЦ.

P—PrP° C, PSC—CГC, CH PIPiP»PëPIP° C, Pë PSP° C€PIPëPrPeC—CГC, CH CҫPμP°PeC†C—C— PïCҫPë PePμCҫCзPIP°PSPSC— P°PIC, PsC, CҫP°PSCГPïPsCҫC, PsPj P°P±Ps C—PSC€PëPjPë PjPμC...P°PSC—P·PjP°PjPë.

P”PsCГP»C—PrP¶PμPSPSCЦ C%PsPrPs PIPiP»PëPICr PSP° C€PIPëPrPeC—CГC, CH CҫPμP°PeC†C—C— PïCҫPë PePμCҫCзPIP°PSPSC— P°PIC, PsC, CҫP°PSCГPïPsCҫC, PsPj P°P±Ps C—PSC€PëPjPë PjPμC...P°PSC—P·PjP°PjPë PSPμ PïCҫPσPIPsPrPëP»Pë. P”PsCГP»C—PrP¶PμPSPSCЦ P·C,,P°CҫPjP°PePsPrPëPSP°PjC—PePë PïPsPeP°P·P°P»Pë, C%Ps PkPμP±C—C, PμPSP· Cr PrPsP·C— 5 PjPi PSPμ PIPiP»PëPIP° C” PSP° PïCГPëC...PsPjPsC, PsCҫPSCr C,,CГPSPeC†C—Cҫ. PhPrPSP°Pe, B C—PSPsPrC— PjPsP¶P»PëPIPμ PIPëPSPëPePSPμPSPSCЦ P·P°PïP°PjPsCҫPsC†PμPSPSCЦ C, P° PIC—PrC†CfC, C, CЦ PIC, PsPjPë, C%PsB CГP»C—Pr PICҫP°C...PsPICrPIP° C, Pë PïC—Pr C†P°CГ PePμCҫCзPIP°PSPSCЦ P°PIC, PsC, CҫP°PSCГPïPsCҫC, PsPj P°P±Ps C—PSC€PëPjPë PjPμC...P°PSC—P·PjP°PjPë.

**PŸPïPsCГC—P± P·P°CГC, PsCГCзPIP°PSPSCЦ C, P° PrPsP·Pë.**

P PμP¶PëPj PrPsP·CfPIP°PSPSCЦ

P·CГPμPSC†C—P°P»CHPSP° P°CҫC, PμCҫC—P°P»CHPSP° PïC—PïPμCҫC, PμPSP·C—CЦ.

P”PsCҫPsCГP»C—:

P”PsP·P° CГC, P°PSPsPIPëC, CH 1 C, P°P±P»PμC, PeCГ (5 PjPi PSPμP±C—PIPsP»PsP»CГ) PSP° PrPsP±CГ; P±P°P¶P°PSPs P·P°CГC, PsCГPsPICrPIP° C, Pë C—C— P·P°PIP¶PrPë PI PsPrPëPS C—C, PsPNë CГP°PjPëPNë C†P°CГ PrPsP±Pë. P”C—PïPsC, PμPSP·PëPIPSPëPNë PμC,, PμPeC, CГC, P°C” CЦPIPSPëPj C†PμCҫPμP· 1вҫ”2 C, PëP¶PSC— P»C—PeCfPIP°PSPSCЦ, P°P»Pμ C—PSPsPrC—PsPiC, PëPjP°P»CHPSP° PrC—CЦ CГPïPsCГC, PμCҫC—PïP°C”C, CHCГCЦ P»PëC€Pμ C†PμCҫPμP· 4 C, PëP¶PSC—.

*PлPsPjP±C—PSP°C†C—CЦ P· C—PSC€PëPjPë P°PSC, PëPiC—PïPμCҫC, PμPSP·PëPIPSPëPjPë P·P°CГPsP±P°PjPë.*

β—P±P»PsPeP° C, PsCҫPë PjPsP¶PSP° P·P°CГC, PsCГPsPICrPIP° C, Pë CЦPe PrP»CЦ PjPsPSPsC, PμCҫP°PïC—C—, C, P°Pe C— PI PePsPjP±C—PSP°C†C—C— P· C—PSC€PëPjPë P°PSC, PëPiC—PïPμCҫC, PμPSP·PëPIPSPëPjPë P»C—PeP°CҫCГCHPePëPjPë P·P°CГPsP±P°PjPë. P”Ps C†CHPsPiPs C†P°CГCГ PrPsPrP° C, PePsPIPëPNë P°PSC, PëPiC—PïPμCҫC, PμPSP·PëPIPSPëPNë PμC,, PμPeC, CГPïPsCГC, PμCҫC—PïP°PICГCЦ C, C—P»CHPePë PïCҫPë PePsPjP±C—PSP°C†C—C— P»C—PeP°CҫCГCHPePsPiPs P·P°CГPsP±CГ PkPμP±C—C, PμPSP· 5 PjPi P· 12, 5вҫ”25 PjPi PïC—PrCҫPsC...P»PsCҫPsC, C—P°P·PëPrCГ.

*PμP°C†C—C”PSC, Pë P· PSPëCҫPePsPIPsCҫ PSPμPrPsCГC, P°C, PSC—CГC, CH.*

P”P»CЦ PïP°C†C—C”PSC, C—PI C—P· PSPëCҫPePsPIPsCҫ PSPμPrPsCГC, P°C, PSC—CГC, CH CҫPμPePsPjPμPSPPrPsPIP°PSP° PïPsC†P° C, PePsPIP° PrPsP·P° CГC, P°PSPsPIPëC, CH 2, 5 PjPi PSP° PrPsP±CГ. Pj CҫP°P·C— PSPμPsP±C...C—PrPSPsCГC, C— PrPsP±PsPICr PrPsP·CГ PjPsP¶PSP° P·P±C—P»CHC€PëC, Pë PrPs 5 PjPi.

*PuP°C†C-C" PSC, Pë P· PiPµC†C-PSPePsPIPsCĤ PSPµPrPsC†C, P°C, PSC-C†C, CĤ.*

P"°PSC- PiCĤPs P·P°C†C, PsC†C†PIP°PSPSCĬ P»C-PeP°CĤC†CĤPePsPiPs P·P°C†PsP±C†  
PiP°C†C-C" PSC, P°Pj P· PiPµC†C-PSPePsPIPsCĤ PSPµPrPsC†C, P°C, PSC-C†C, CĤ P°P±Ps  
PiPsCĤC†C€PµPSPSCĬPj C,, C†PSPeC†C-C— PiPµC†C-PSPePë PsP±PjPµP¶PµPSC-. PÿPsPjC†  
P·P°C†C, PsC†C†PIP°PSPSCĬ PkPµP±C-C, PµPSP· C, P°PePëPj PiP°C†C-C" PSC, P°Pj  
PiCĤPsC, PëPiPsPeP°P·P°PSPs.

*PuP°C†C-C" PSC, Pë P»C-C, PSCHbPsPiPs PIC-PeCž.*

P"°P»CĬ PiP°C†C-C" PSC, C-PI PIC-PePsPj PiPsPSP°Pr 65 CĤPsPeC-PI  
CĤPµPePsPjPµPSPPrPsPIP°PSP° PiPsC†P°C, PePsPIP° PrPsP·P° C†C, P°PSPsPIPëC, CĤ 2,5 PjPi PSP°  
PrPsP±C†. Pj CĤP°P·C- PSPµPsP±C...C-PrPSPsC†C, C- C—C— PjPsP¶PSP° P·P±C-P»CĤC€PëC, Pë  
PrPs 5 PjPi. PhPrPSP°Pe C†PµCĤPµP· PSPµPrPsC†C, P°C, PSC-PNë PrPsC†PIC-Pr  
P·P°C†C, PsC†C†PIP°PSPSCĬ P»C-PeP°CĤC†CĤPePsPiPs P·P°C†PsP±C† C...PIPsCĤPëPjPë  
PIC-PePsPj PiPsPSP°Pr 75 CĤPsPeC-PI PNëPsPiPs P·P°C†C, PsC†C†PIP°PSPSCĬ PIPëPjP°PiP°C"  
PsP±PµCĤPµP¶PSPsC†C, C- C, P° CĤPµC, PµP»CĤPSPsPiPs PSP°PiP»CĬPrC† P·P° C, P°PePëPjPë  
PiP°C†C-C" PSC, P°PjPë.

*P†CĤPsPSC-C†PSP° C†PµCĤC†PµPIP° PSPµPrPsC†C, P°C, PSC-C†C, CĤ.*

P»C-PeC†PIP°PSPSCĬ C...CĤPsPSC-C†PSPsC— C†PµCĤC†PµPIPsC—  
PSPµPrPsC†C, P°C, PSPsC†C, C- C†P»C-Pr CĤPsP·PiPsC†PëPSP°C, Pë P· PiPsPIC-P»CĤPSPsPiPs  
C, PëC, CĤC†PIP°PSPSCĬ PrPsP·Pë PrPs PrPsC†CĬPiPSPµPSPSCĬ  
C-PSPPrPëPIC-PrC†P°P»CĤPSPsC— PsPiC, PëPjP°P»CĤPSPsC— PiC-PrC, CĤPëPjC†CĤC†PsC—  
PrPsP·Pë. PÿP°PePëPj PiP°C†C-C" PSC, P°Pj C†P»C-Pr PiCĤPëP·PSP°C†P°C, Pë  
P»C-PeP°CĤC†CĤPePëPNë P·P°C†C-P± C† CĤP°P·C-, CĬPeC%Ps C† PSPëC...  
C†PiPsC†C, PµCĤC-PiP°C"C, CĤC†CĬ C...CĤPsPSC-C†PSP° C†PµCĤC†PµPIP°  
PSPµPrPsC†C, P°C, PSC-C†C, CĤ P±PµP· PµPiC-P·PsPrC-PI C—C— PiPsC†C, CĤPsC—  
PrPµPePsPjPiPµPSC†P°C†C— PiCĤPsC, CĬPiPsPj PsC†C, P°PSPSC-C... 6 C, PëP¶PSC-PI.  
P PµPePsPjPµPSPPrC†C"C, CĤC†CĬ, C%PsP± P»C-PeP°CĤ PjP°PI PrPsC†PIC-Pr C†  
P»C-PeC†PIP°PSPSC- C...CĤPsPSC-C†PSPsC— C†PµCĤC†PµPIPsC—  
PSPµPrPsC†C, P°C, PSPsC†C, C-. PµP°C†C-C" PSC, Pë, CĬPeC- P·P°C†C, PsC†PsPIC†CĤC, CĤ  
C-PSC€C- C†PµCĤC†PµPIPs-C†C†PrPëPSPSC- P·P°C†PsP±Pë, PIPeP»CĤC†P°CĤC†Pë  
PrC-C†CĤPµC, PëPePë C, P°/P°P±Ps PrPëPiPsPeC†PëPS C, P°/P°P±Ps C-PSPiC-P±C-C, PsCĤPë  
P°PSPiC-PsC, PµPSP·PëPSPiPµCĤPµC, PIPsCĤCĤPIP°P»CĤPSPsPiPs C,, PµCĤPjPµPSC, C† (PĥPµPα),  
C, P°/P°P±Ps P°PSC, P°PiPsPSC-C†C, Pë CĤPµC†PµPiC, PsCĤC-PI P°PSPiC-PsC, PµPSP·PëPSC† P†P†,  
PiPsPIPëPSPSC- PjP°C, Pë PIP¶Pµ PiC-PrC-P±CĤP°PSC† PrPsP·C† C†PëC... P»C-PeC-PI  
PiCĤPsC, CĬPiPsPj PsC†C, P°PSPSC-C... 2 C, PëP¶PSC-PI PrPs PiPsC†P°C, PeC† C, PµCĤP°PiC-C—  
P»C-PeP°CĤC†CĤPePëPj P·P°C†PsP±PsPj PkPµP±C-C, PµPSP·.

PµPsC†P°C, PePsPIPµ C, PëC, CĤC†PIP°PSPSCĬ PrPsP·Pë C†P»C-Pr PiCĤPsPIPsPrPëC, Pë P·P°  
PSPëP¶C†PµPSP°PIPµPrPµPSPsCĤ C†C...PµPjPsCĤ, PIPëC, CĤPëPjC†CĤC†Pë PiCĤPë C†CĤPsPjC†  
C-PSC, PµCĤPIP°P»Pë PIC-Pr 1 PrPs 2 C, PëP¶PSC-PI C, P° PsCĤC-C" PSC, C†CĤC†PëC†CĤ PSP°  
PiPµCĤPµPSPsC†PëPjC-C†C, CĤ PrPsP·Pë PiP°C†C-C" PSC, PsPj: 1,25 PjPi PSPµP±C-PIPsP»PsP»C†  
PSP° PrPsP±C† PjPsP¶PSP° P·P±C-P»CĤC€PëC, Pë PrPs 2,5 PjPi PSPµP±C-PIPsP»PsP»C† PSP°  
PrPsP±C†, P° PSP°PrP°P»C- PrPs 5 PjPi 1 CĤP°P· PSP° PrPsP±C†, P° PiPsC, C-Pj PrPs 10 PjPi 1  
CĤP°P· PSP° PrPsP±C†. PĥP°PeC†PëPjP°P»CĤPSP° CĤPµPePsPjPµPSPPrPsPIP°PSP° PrPsP·P°  
C†C, P°PSPsPIPëC, CĤ 10 PjPi PSPµP±C-PIPsP»PsP»C† 1 CĤP°P· PSP° PrPsP±C†. PkP°  
PiPsC†P°C, PeC† P»C-PeC†PIP°PSPSCĬ C, P° PiCĤPë PePsP¶PSPsPjC† PiC-PrPIPëC%PµPSPSC-  
PrPsP·Pë C...PIPsCĤPëPNë PiPsPIPëPSPµPS PSPµ PjPµPSC€Pµ 2 PiPsPrPëPS  
PiPµCĤPµP±C†PIP°C, Pë PiC-Pr PSP°PiP»CĬPrPsPj PrPsC†PIC-PrC†PµPSPsPiPs P»C-PeP°CĤCĬ,

C%PsP± CíPíPµPIPSPëC,PëCíC¼ PI C,PsPjCí, C%Ps PeP»C-PSC-C±PSPëPNë CíC,P°PS P·P°P»PëCëP°C”C,CHCíC¼ CíC,P°P±C-P»CHPSPëPj (PsCíPsP±P»PëPIPs C+Pµ CíC,PsCíCíC”C,CHCíC¼ P°CḡC,PµCḡC-P°P»CHPSPsPiPs C,PëCíPeCí, C±P°CíC,PsC,Pë CíPµCḡC+PµPIPëC... CíPePsCḡPsC±PµPSCḡ, PiPsCḡCíCëPµPSPSC¼ PiCḡPsPIC-PrPSPsCíC,C- PjC-PsPeP°CḡPrP°, P° C,P°PePsP¶ PiPsCíPëP»PµPSPSC¼ CíPëPjPiC,PsPjC-PI CíPµCḡC+PµPIPsC— PSPµPrPsCíC,P°C,PSPsCíC,C-). PµPsC¼PIP° PiPsP±C-C±PSPëC... C¼PIPëC% PjPsP¶Pµ PiPµCḡPµCëPePsPrPëC,Pë P»C-PeCíPIP°PSPSCḡ C-P· P·P°CíC,PsCíCíPIP°PSPSC¼Pj PjP°PeCíPëPjP°P»CHPSPs CḡPµPePsPjPµPSPrPsPIP°PSPsC— PrPsP·Pë CíCíC-Pj PiP°C+C-C”PSC,P°Pj. Pj CḡP°P·C- PSPµPsP±C...C-PrPSPsCíC,C- PIP¶Pµ PrPsCíC¼PiPSCíC,Cí PrPsP·Cí PjPsP¶PSP° PiPsPµC,P°PiPSPs P·PSPsPICí P·PjPµPSCëPëC,Pë P°P±Ps P·PSPsPICí PrPs PSPµC— PiPsPIPµCḡPSCíC,PëCíC¼.

PµCḡPë PiPsCíPëP»PµPSPSC- CíPëPjPiC,PsPjC-PI CíPµCḡC+PµPIPsC— PSPµPrPsCíC,P°C,PSPsCíC,C- P°P±Ps PiCḡPë PSPµPiPµCḡPµPSPsCíPëPjPsCíC,C- P»C-PeP°CḡCíCHPePsPiPs P·P°CíPsP±Cí Cí C,,P°P·C- PNëPsPiPs C,PëC,CḡCíPIP°PSPSC¼ PrPsP·Cí PSPµP±C-PIPsP»PsP»Cí CḡPµPePsPjPµPSPrCíC”C,CHCíC¼ CíPiPsC±P°C,PeCí P·PjPµPSCëPëC,Pë P°P±Ps, Cí CḡP°P·C- PSPµPsP±C...C-PrPSPsCíC,C-, PSPµPiP°PNëPSPs PIC-PrPjC-PSPëC,Pë P»C-PeP°CḡCíCHPePëPNë P·P°CíC-P± (PiCḡPë PiPsC¼PIC- C,C¼P¶PePsC— PiC-PiPsC,PµPSP·C-C—, PiPsCíPëP»PµPSPSC- CíPëPjPiC,PsPjC-PI CíPµCḡC+PµPIPsC— PSPµPrPsCíC,P°C,PSPsCíC,C- P· PiPsCíC,CḡPëPj PSP°P±CḡC¼PePsPj P»PµPiPµPSCḡ, PiCḡPë PiPsC¼PIC- PeP°CḡPrC-PsPiPµPSPSPsPiPs CëPsPeCí, CíPëPjPiC,PsPjP°C,PëC±PSPsC— P±CḡP°PrPëPeP°CḡPrC-C— P°P±Ps P°C,CḡC-PsPIPµPSC,CḡPëPeCíP»C¼CḡPSPsC— P±P»PsPeP°PrPë).

PíPe PiCḡP°PIPëP»Ps, P»C-PeCíPIP°PSPSC¼ CíC,P°P±C-P»CHPSPsC— C...CḡPsPSC-C±PSPsC— CíPµCḡC+PµPIPsC— PSPµPrPsCíC,P°C,PSPsCíC,C- PSPµP±C-PIPsP»PsP»PsPj C” PrPsPIPiPsCíC,CḡPsPePsPIPëPj.

P»C-PeCíPIP°PSPSC¼ PSPµP±C-PIPsP»PsP»PsPj PSPµ CíP»C-Pr PiCḡPëPiPëPSC¼C,Pë CḡP°PiC,PsPIPs, PsCíPeC-P»CHPePë C+Pµ PjPsP¶Pµ PiCḡPëP·PIPµCíC,Pë PrPs C,PëPjC±P°CíPsPIPsPiPs PiPsCíPëP»PµPSPSC¼ CíPµCḡC+PµPIPsC— PSPµPrPsCíC,P°C,PSPsCíC,C-. PíPeC%Ps PIC-PrPjC-PSP° P»C-PeP°CḡCíCHPePsPiPs P·P°CíPsP±Cí PSPµPsP±C...C-PrPSP°, C,Ps PrPsP·Cí CíP»C-Pr PiPsPµC,P°PiPSPs P·PjPµPSCëPëC,Pë, P·PjPµPSCëCíCḡC±Pë C—C— PI PrPIP° CḡP°P·Pë P· C-PSC,PµCḡPIP°P»PsPj 1 C,PëP¶PrPµPSCḡ.

*PµP°C+C-C”PSC,Pë P· PSPëCḡPePsPIPsCḡ PSPµPrPsCíC,P°C,PSC-CíC,Cḡ.*

PḡCíPeC-P»CHPePë C,PëC,CḡCíPIP°PSPSC¼ PrPsP·Pë PrPs PjP°PeCíPëPjP°P»CHPSPsC— PiPµCḡPµPSPsCíPëPjPsC— PIC-PrP±CíPIP°C”C,CHCíC¼ C-PSPrPëPIC-PrCíP°P»CHPSPs, C—C— PePsCḡPµPeC+C-¼ PiCḡPë PSPëCḡPePsPIC-PNë PSPµPrPsCíC,P°C,PSPsCíC,C- PIC-Pr P»PµPiPePsPiPs PrPs PiPsPjC-CḡPSPsPiPs CíC,CíPiPµPSC¼ C,C¼P¶PePsCíC,C- PSPµ PiPsC,CḡC-P±PSP°. P”PsCíPIC-PrCí P·P°CíC,PsCíCíPIP°PSPSC¼ P»C-PeP°CḡCíCHPePsPiPs P·P°CíPsP±Cí C...PIPsCḡPëPj C-P· C,C¼P¶PePsCḡ PSPëCḡPePsPIPsCḡ PSPµPrPsCíC,P°C,PSC-CíC,Cḡ (CḡC-PIPµPSCḡ PeCḡPµP°C,PëPSC-PSCí CíPëCḡPsPIP°C,PePë PeCḡPsPIC- ≥ 250 PjPePjPsP»CH/P») PSPµPjP°C”, C,PsPjCí P·P°CíC,PsCíCíPIP°PSPSC¼ PSPµP±C-PIPsP»PsP»Cí C,P°PePëPj C...PIPsCḡPëPj PSPµ CḡPµPePsPjPµPSPrCíC”C,CHCíC¼.

*PµP°C+C-C”PSC,Pë P· PiPµC±C-PSPePsPIPsCḡ PSPµPrPsCíC,P°C,PSC-CíC,Cḡ.*

P©PsPrPs P·P°CíC,PsCíCíPIP°PSPSC¼ P»C-PeP°CḡCíCHPePsPiPs P·P°CíPsP±Cí PiP°C+C-C”PSC,P°Pj C-P· PiPµC±C-PSPePsPIPsCḡ PSPµPrPsCíC,P°C,PSC-CíC,Cḡ

C-ГІPSCГЧС,СН P»PëC€Pµ PsP±PjPµP¶PµPSC- PrP°PSC-. P— PsPiP»CІPPrCГ PSP° C†Pµ P·P°CГC,PsCГCГPIP°PSPSCІ P»C-PeP°CГCГЧНPePsPiPs P·P°CГPsP±CГ PkPµP±C-C,PµPSP· C†PëPj PiP°C†C-C”PSC,P°Pj PiCГPsC,PëPiPsPeP°P·P°PSPs.

*PµP°C†C-C”PSC,Pë P»C-C,PSCHbPsPiPs PIC-PeCз.*

PhCГPeC-P»CHbPePë C,PëC,CГCГPIP°PSPSCІ PrPsP·Pë PrPs PjP°PeCГPëPjP°P»CHbPSPsC— PiPµCГPµPSPsCГPëPjPsC— P·PrC-PNëCГPSCГC”C,CHbCГCІ C-PSPrPëPIC-PrCГP°P»CHbPSPs, PePsCГPµPiCГPIP°PSPSCІ PrPsP·Pë PSPµ PiPsC,CГC-P±PSPµ.

PŸPiPsCГC-P± P·P°CГC,PsCГCГPIP°PSPSCІ.

PµPµCГPsCГP°P»CHbPSPµ P·P°CГC,PsCГCГPIP°PSPSCІ.

PŸP°P±P»PµC,PePë PjPsP¶PSP° P·P°CГC,PsCГCГPICГPIP°C,Pë CГP°P·PsPj P· C—P¶PµCГ.

*P”C-C,Pë.*

P·C,,PµPeC,PëPIPSC-CГC,СН C,P° P±PµP·PiPµPeP° P·P°CГC,PsCГCГPIP°PSPSCІ P»C-PeP°CГCГЧНPePsPiPs P·P°CГPsP±CГ PkPµP±C-C,PµPSP· PrC-C,CІPj C,P° PiC-PrP»C-C,PeP°Pj (PIC-PePsPj PrPsB B B B B B B B B 18 CГPsPeC-PI) PSPµ PrPsCГP»C-PrP¶CГPIP°P»PëCГЧН. P”P°PSC- PSPµPrPsCГC,СГPiPSC-. PhC,P¶Pµ, P·P°CГC,PsCГCГPIP°PSPSCІ PrC-C,CІPj C,P° PiC-PrP»C-C,PeP°Pj (PIC-PePsPj PrPs 18 CГPsPeC-PI) PSPµ CГPµPePsPjPµPSPrCГC”C,CHbCГCІ.

***PµPµCГPµPrPsP·CзPIP°PSPSCІ.***

PµCГPë PiPµCГPµPrPsP·CГPIP°PSPSC- β-P°PrCГPµPSPsP±P»PsPeP°C,PsCГC-PI CГPiPsCГC,PµCГC-PiP°CГC,CHbCГCІ: P±CГP°PrPëPeP°CГPrC-CІ, P°CГC,PµCГC-P°P»CHbPSP° PiC-PiPsC,PµPSP·C-CІ, P±CГPsPSC...PsCГPiP°P·Pj, PiPsCГC,CГP° CГPµCГC†PµPIP° PSPµPrPsCГC,P°C,PSC-CГC,СН. P>C-PeCГPIP°PSPSCІ PiPµCГPµPrPsP·CГPIP°PSPSCІ: PiCГPsPjPëPIP°PSPSCІ C€P»CГPSPeP°, PiCГPëP·PSP°C†PµPSPSCІ P°PeC,PëPIPsPIP°PSPsPiPs PICГPiC-P»P»CІ C,P° PiCГPsPSPsCГPSPëC... P·P°CГPsP±C-PI. PëC,CГC†PSP° PIPµPSC,PëP»CІC†C-CІ P»PµPiPµPSCH C,P°PePsP¶ PjPsP¶Pµ P±CГC,Pë PiPsC,CГC-P±PSP°. P PµPePsPjPµPSPrCГC”C,CHbCГCІ PePsPSC,CГPsP»CH P·P° CГC-PIPSPµPj PiP»CГPePsP·Pë PI PeCГPsPIC-. Pj CГP°P·C- PSPµPsP±C...C-PrPSPsCГC,C- PiCГPsPiPsPrPëC,CHbCГCІ C-PSC,PµPSCГPëPIPSP° C,PµCГP°PiC-CІ PI CГPjPsPIP°C... CГC,P°C†C-PsPSP°CГCГ: PiCГPë P±CГP°PrPëPeP°CГPrC-C— C,P° PiC-PrPIPëC%PµPSC-PNë PIP°PiPsC,PsPSC-C— бГ” PIPµPrPµPSPSCІ P°C,CГPsPiC-PSCГ P°P±Ps PjPµC,PëP»P°C,CГPsPiC-PSCГ, PiCГPë PiC-PiPsC,PµPSP·C-C— C,P° C€PsPeCГ бГ” PIPSCГC,CГC-C€PSCHbPsPIPµPSPSPµ PIPµPrPµPSPSCІ PiP»P°P·PjPsP·P°PjC-PSPSPëPeC-PI C,P° PeP°C,PµC...PsP»P°PjC-PSC-PI. P’PµC,P°-P±P»PsPeCГCГC†CГ PrC-CГ PjPsP¶PSP° PiCГPëPiPëPSPëC,Pë C€P»CІC...PsPj PiPsPIC-P»CHbPSPsPiPs PIPSCГC,CГC-C€PSCHbPsPIPµPSPSPµ PIPµPrPµPSPSCІ C-P·PsPiCГPµPSP°P»C-PSCГ PiC-PrCГPsC...P»PsCГPëPrCГ, PiPsC†PëPSP°CГC†Pë P· PrPsP·Pë 5 PjPePi/C...PI, P°P±Ps PrPsP±CГC,P°PjC-PSCГ, PiPsC†PëPSP°CГC†Pë P· PrPsP·Pë 2,5 PjPePi/C...PI, PrPs PrPsCГCІPiPSPµPSPSCІ PsC†C-PeCГPIP°PSPsPiPs PµC,,PµPeC,CГ. Pj CГPµP·PëCГC,PµPSC,PSPëC... PIPëPiP°PrPeP°C... C-P·PsPiCГPµPSP°P»C-PS PjPsP¶PSP°

PePsPjP±C-PSCfPIP°C,Pe P· PrPsPiP°PjC-PSPsPj. B PiPeC%Ps PIPeC%PμP·P°P·PSP°C±PμPSC-  
P·P°C...PsPrPe PSPμ PrPsPiPsPjP°PiP°CfC,CH, CfP»C-Pr PiCfPpP·PSP°C±P°C,Pe  
PiP»CfPeP°PiPsPS C-P· CfPSP·CfP°C...CfPSPeCfB B B B B 50-100 PjPePi/PePi, CfPeC%Ps  
PiPsC,CfC-P±PSPs Bf” C-PSBf™C”PeCfC-Cf PjPsP¶PSP° PiPsPIC,PsCfPpC,Pe  
PiCfPpC,CfPiPsPj PiPsPrPePSPe C,P°, Cf CfP°P·C- PSPμPsP±C...C-PrPSPScfC,C-,  
PiCfPpPiPμCfC,Pe PIPScfC,CfC-CfPSCfPsPiPμPSPScf C-PSC,,CfP·C-Cf PiP»CfPeP°PiPsPSCf  
C-P· CfPpP·CfP°C...CfPSPeCf 70 PjPePi/PePi/PiPsPr. P’ PμPeCfC,CfPμPjP°P»CHPSPeC...  
PIPpPiP°PrPeP°C... CfPμP·PeCfC,PμPSC,PSPsC— PrPs C,PμCfP°PiC-C—  
P±CfP°PrPePeP°CfPrC-C—B PjPsP¶PSP° PiC-PrPeP»CfC±P°C,Pe CcC,CfC±PSPsPiPs  
PIPpPrC-Cf CfPpC,PjCf.

**PμPsP±C-C±PSC- CfPμP°PeCfC-C—.**

PμPsP±C-C±PSC- CfPμP°PeCfC-C— PiCfPp PμCfPμPSCfC-P°P»CHPSC-PNε  
P°CfC,PμCfC-P°P»CHPSC-PNε PiC-PiPμCfC,PμPSP·C-C— C,P° PiCfPp C...CfPpPSC-C±PSC-PNε  
CfPμCfCfPμPIC-PNε PSPμPrPsCfC,P°C,PSPsCfC,C-B PSP°PiPμPrPμPSC- PsPeCfPμPjPsB  
C±PμCfPμP· PIC-PrPjC-PSPSPsCfC,C- PiP°C,PsP»PsPiC-C±PSPeC... PiCfPpCfPμCfC-PI, CfPeC-  
P»PμP¶P°C,CH PI PsCfPSPsPIC- CfPpC... P·P°C...PIPscfCfPiP°PSCfB.B

**P·CfPμPSCfC-P°P»CHPSP° P°CfC,PμCfC-P°P»CHPSP° PiC-PiPμCfC,PμPSP·C-Cf.**

PfPpCfC,PμPjP° PsCfPiP°PSC-PI	PfP°CfC,Ps (ε 1/100 PrPs </10)	PfPSPsPrC- (ε 1/1000 PrPs </100)	P”CfP¶Pμ CfC-PrPePs (ε 1/10000)	PfP°CfC,PsC,P° PSPμPIC-PrPsPjP° PfPSPiC-PsPSPμPICfPpC,PeC±PSPePNε PSP°P±CfCfPe, PiC-PiPμCfCfCfC,P»PePIC-CfC,CH
P— P±PsPeCf C-PjCfPSPSPsC— CfPpCfC,PμPjPp				
P— P±PsPeCf PiCfPpC...C-PePp		PkC-C±PSC- P¶P°C...C-C,C,Cf, PrPμPiCfPμCfC-Cf		
P— P±PsPeCf PSPμCfPiPsPiPsC— CfPpCfC,PμPjPp	P”PsP»PsPiPSPePNε P±C-P»CH, P·P°PiP°PjPsCfPpC±PμPSPSCf, PiP°CfPμCfC,PμP·C-C—		PfPpPSPePsPiPμ	
P— P±PsPeCf PsCfPiP°PSC-PI P·PsCfCf		PμPsCfCfCfPμPSPSCf P·PsCfCf		
P— P±PsPeCf CfPμCfCfCf		P°CfP°PrPePeP°CfPrC-Cf, CfPμCfCfPμPiP° PSPμPrPsCfC,P°C,PSC-CfC,CH, CfPiPsPIC-P»CHPSPμPSPSCf PpP’ PiCfPpPIC-PrPSPsCfC,C-/PpP’ P±P»PsPeP°PrP°		
P— P±PsPeCf CfCfPrPePs		PfCfC,PμCfC-P°P»CHPSP° PiC-PiPsC,PμPSP·C-Cf, PiPsCfPpP»PμPSPSCf PiPμCfPμPjC-P¶PSPsC— PeCfP»CHPiP°PiPsCfC,C-		
P— P±PsPeCf PrPeC...P°P»CHPSPeC... CfP»CfC...C-PI	P—P°PrPeCfPeP°	P°CfPpPSC...PsCfPiP°P·Pj		
P— P±PsPeCf C,CfP°PiPSPsPiPs C,CfP°PeC,Cf	P—P°PiPsCf, PSCfPrPsC,P°, PrC-P°CfPμCf	P”PeCfPiPμPiCfC-Cf, PjPμC,PμPsCfPpP·Pj, P±P»CfPiP°PSPSCf		
P— P±PsPeCf CfPeC-CfPp C,P° PiC-PrCfPeC-CfPSPeC... C,PeP°PSPePS		PfPiPμCfP±C-P¶, PμCfPpC,PμPjP°C,PsP·PSPμ CfPeC-CfPSPμ PiPpCfPpPiP°PSPSCf	PμPsCfPpP»PμPSPSCf PiCfPsCfC-P°P·Cf	PμCfPpPiPpBf™CfPSPeP°
P— P±PsPeCf CfC,P°C,PμPiPpC... PsCfPiP°PSC-PI		PfPjPiPsC,PμPSCfC-Cf		
P PsP·P»P°PrPe P·P°PiP°P»CHPSPsPiPs C...P°CfP°PeC,PμCfCf	PμC-PrPiPpC%PμPSP° PIC,PsPjP»CfPiP°PSC-CfC,CH, PSP°P±CfCfPePp			



**PJPjPsPIPë P·P±PμCḡC-PiP°PSPSCİ.** PŸPïPμC†C-P°P»CHḡPSC- C†PjPsPIPë  
P·P±PμCḡC-PiP°PSPSCİ PSPμ PIPëPjP°PiP°CḡC,CHḡC†Cİ.

P—P±PμCḡC-PiP°C,Pë C† PSPμPrPsC†C,C†PïPSPsPjC† PrP»Cİ PrC-C,PμPNë PjC-C†C†C-.

**PJPïP°PePsPIPëP°.** PμPs 10 C,P°P±P»PμC,PsPe C† P±P»C-C†C,PμCḡC-, 3 P±P»C-C†C,PμCḡPë PI  
PeP°CḡC,PsPSPSC-PNë PePsCḡPsP±C†C-.

**PḡP°C,PμPiPsCḡC-Cİ PIC-PrPiC†C†PeC†.** P—P° CḡPμC†PμPiC,PsPj.

**P’PëCḡPsP±PSPëPe.**

PḡPeC,P°PIC-C† P>C,Pr.

**PḡC-C†C†PμP·PSP°C...PsPrP¶PμPSPSCİ PIPëCḡPsP±PSPëPeP° C,P° PNëPsPiPs  
P°PrCḡPμC†P° PjC-C†C†Cİ PiCḡPsPIP°PrP¶PμPSPSCİ PrC-CİP»CHḡPSPsC†C,C-.**

P’P>P’015-016, PμCḡPsPjPëC†P»PsPIP° P·PsPSP° P’CḡP»PμP±PμP»CHḡ, P—PμPNëC,C†PS,  
ZTN3000, PḡP°P»CHḡC,P°.