

Р_НР_μС...Р°PSC-Р·Р_j РrC-C—, Р"С-С_ТС_†Р° С_ТР_μС_†PsPIPëPSP° С-PSC_ГС_ГР»C-PSC_Г
РiР»Р°С_ТРiC-PSC_Г С" Р°PSP°Р»PsPiPsР_j Р»С_ТРrС_ГС_ТРePsPiPs С-PSC_ГС_ГР»C-PSC_Г
C,С_ТРëPIP°Р»PsC— РrC-C—, C%₀₀Ps PIPëPiPsC,PsPIP»Р_μPSPëР_№ Р·Р° РrPsPiPsР_jPsPiPsС_Т
C,Р_μС...PSPsР»PsPiC-C— С_ТР_μРePsР_jР±C-PSP°PSC,PSPëC... Р"Р_КР_Т Р·
PIPëРePsС_ТРëС_ГР,Р°PSPSC_ГР_j Р_jC-РeС_ТРsPsС_ТРiР°PSC-Р·Р_jС_Г-РiС_ТРsРrС_ГС_†Р_μPSC,С_Г
Escherichia coli.

*PĖP†P“ бĤ“ CĖPIPĖPrPeC-ĆĤC,CH C-PSC,,ĆrP·C-C— PiP»CHPePsP·Pĕ: PIPĖP·PSP°C†P°P»P°ĆĤCĤ CĤPe PeC-P»CHPeC-ĆĤC,CH PIPuPrPuPSPSC— PiP»CHPePsP·Pĕ PrP»CĤ PiC-PrC,CHPĖPjPePĕ PiPsĆĤC,C-PNĖPSPsPiPs CĤC-PIPSCĤ PiP»CHPePsP·Pĕ Ćr PĖP»P°P·PjC- PeCĤPsPIC- (C%oPsPiPsPrPĖPSPSC- ĤĤPuCHPuPrPSC- PĖPsPeP°P·PSPĖPePĕ). P—P°PIPuCHCĖPuPSPSCĤ

РiРµCґC-РsРrCґ CґРiРsCґC,РµCґРµPґPµPSPSCґ PIC-РrP±CґP»PсCґCґ PSP° 36 РiРsРrPёPSC-.

Р РёCґ. 1. РµCґРsC,,C-Р»Cґ Р°РёC,РёPIPSРсCґC,C- PI CґC-PIPSРsPIP°PґPSPРjCґ CґC,Р°PSC-
Cґ C...PIPSCґРёC... PSP° CґCґРёCґРsPIPёPґ РrC-Р°P±РµC, 1 C,РёРiCґ Cґ 36-
РiРsРrPёPSPSPРjCґ РrРsCґP»C-РrPґPµPSPSC- РjРµC,РsРrРsРj C,,C-РёCґP°CґC-C—
РµCґРiP»C-РёРµРjC-CґPSPРiРs CґC,Р°PSCґ.

Р'C-Р»CґCґ CґC-PIPSРРjC-CґPSPµ PIPёPIC-Р»CґPSPµPSPSCґ C-PSCґCґP»C-PSCґ
РiP»P°CґРiC-PSCґ Р· РiCґРµCґPёРiC-C,Р°C,Cґ РiCґРµCґP°CґP°C,Cґ РґРsPґPµРs
РґРsP»РsРґC,Р°Cґ Cґ РiРsCґC-PIPSCґPSPSC- C-Р· C,Р°РёРёРj РiCґРµCґP°CґP°C,Cґ
C-PSCґCґP»C-PSCґ РiP»P°CґРiC-PSCґ 100 РґРr./РjP» РsР±CґРjРsPIP»РµPSPµ
Р·РjРµPSCёРµPSPSCґРj РsР±Cґ™ C”РjCґ C-PSBґ™ C”РёCґC-C— PSP° РrPIC- C,CґРµC,РёPSPё,
C°Рs РiCґРёP·PIPSРrPёC,Cґ РrРs РjРµPSCёРsC— РiP»РsC°C- РiРsPIPµCґC...PSC-
РiCґРµCґPёРiC-C,Р°C,Cґ.

РґPSCґCґP»C-PS РiP»P°CґРiC-PS РjРµC,Р°P±РsР»C-Р·CґC”C,CґCґCґ РrРs 2
Р°РёC,РёPIPSРёC... РjРµC,Р°P±РsР»C-C,C-PI Bґ” Рґ1 C,Р° M2 (РrPёPI. CґРsР·РrC-Р»
B«Р°P°CґРjР°РёРsРёC-PSPµC,РёРёP°B»).

Р—PIBґ™ CґP·CґPIP°PSPSCґ Р· C-PSCґCґP»C-PSPРiPёРj CґРµCґРµРiC,РsCґРsРj.
Р РµP·CґP»CґC,Р°C,Рё РrРsCґP»C-РrPґPµPSCґ *in vitro* CґPIC-РrCґP°C,Cґ РiCґРs C,Рµ, C°Рs
Р°C,,C-PSPSC-CґC,Cґ C-PSCґCґP»C-PSCґ РiP»P°CґРiC-PSCґ C,Р° РґРsРiРs
РjРµC,Р°P±РsР»C-C,C-PI Рґ1 C- M2 РrРs C-PSCґCґP»C-PSPРiРsРiРs CґРµCґРµРiC,РsCґP°
Р»CґРrPёPSPё РiРsРrC-Р±PSP° Р°C,,C-PSPSPсCґC,C- Р»CґРrCґCґРёРsРiРs
C-PSCґCґP»C-PSCґ РrРs CґCґРsРiРs CґРµCґРµРiC,РsCґP°.

Р—PIBґ™ CґP·CґPIP°PSPSCґ Р· CґРµCґРµРiC,РsCґРsРj РґР°Р -1
(C-PSCґCґP»C-PSPРiРsРrC-Р±PSPРiРs C,,Р°РёC,РsCґP° CґРсCґC,Cґ 1).
РґC,,C-PSPSC-CґC,Cґ C-PSCґCґP»C-PSCґ РiP»P°CґРiC-PSCґ РrРs CґРµCґРµРiC,РsCґP°
РґР°Р -1 Р»CґРrPёPSPё РiCґРёP±P»РёP·PSPс Cґ 5Bґ”8 CґР°P·C-PI PIPёC°Р° Р·Р°
Р°C,,C-PSPSC-CґC,Cґ Р»CґРrCґCґРёРёРsРiРs C-PSCґCґP»C-PSCґ (Р°P»Рµ РiCґРёP±P»РёP·PSPс
Cґ 70Bґ”80 CґР°P·C-PI PSPёPґCґP°, PSC-Рґ Р°C,,C-PSPSC-CґC,Cґ РґР°Р -1 РrРs CґCґРsРiРs
CґРµCґРµРiC,РsCґP°), C,РsРrC- CґРё РjРµC,Р°P±РsР»C-C,Рё Рґ1 C- M2
Р·PIBґ™ CґP·CґCґC,CґCґCґ Р· CґРµCґРµРiC,РsCґРsРj РґР°Р -1 Р· Р°C,,C-PSPSC-CґC,Cґ,
РrРµC°Рs PSPёPґCґРс Р·Р° Р°C,,C-PSPSC-CґC,Cґ Р»CґРrCґCґРёРёРsРiРs
C-PSCґCґP»C-PSCґ.

Р—Р°РiР°P»CґPSP° C,РµCґP°РiРµPIC,РёCґPSP° РёРsPSCґРµPSC,CґP°CґC-Cґ
C-PSCґCґP»C-PSCґ (C-PSCґCґP»C-PSCґ РiP»P°CґРiC-PSCґ C,Р° РґРsРiРs
РjРµC,Р°P±РsР»C-C,C-PI), C°Рs PIPёP·PSP°CґP°P»P°CґCґ Cґ РiР°CґC-C”PSC,C-PI Р·
CґCґРёCґРsPIPёРj РrC-Р°P±РµC,РsРj 1 C,РёРiCґ, Р±CґP»P° Р·PSP°CґPSPс PSPёPґCґРс Р·Р°
C,Cґ, CґРёP° Р±CґP»P° Р± PSPµРsР±C...C-РrPSPс РrP»Cґ
PSP°РiC-PIРjР°РёCґРёРjР°P»CґPSPРiРs Р·PIBґ™ CґP·CґPIP°PSPSCґ Р· CґРµCґРµРiC,РsCґРsРj
РґР°Р -1 C,Р° РrP»Cґ РiРsРrP°P»CґCґРс— Р°РёC,РёPIP°CґC-C— РjC-C,РsРiРµPSPSPс-
РiCґРsР»C-C,,РµCґP°C,РёPIPSРРiРs РjРµC...P°PSC-Р·РjCґ, CґРёРёPґ
Р·Р°РiCґCґРёР°C”C,CґCґCґ CґРµCґРµРiC,РsCґРsРj РґР°Р -1. Р·PSPРsРiРµPSPSPёPґ
CґРµCґРµРiC,РsCґ РґР°Р -1 Cґ C,,C-Р·C-РsР»РsРiC-CґPSPёC... РёРsPSCґРµPSC,CґP°CґC-CґC...
РjРsPґPµ Р°РёC,РёPICґPIP°C,Рё РjC-C,РsРiРµPSPSPс-РiCґРsР»C-C,,РµCґP°C,РёPIPSРёPґ

PjPμC...P°PSC-P·Pj; PiCḡPsC,Pμ C,PμCḡP°PiPμPIC,PëC±PSC- PePsPSC†PμPSC,CḡP°C†C-C—
C-PSC†C†P»C-PSC†, C‡PeC- PIPëPePsCḡPëC†C,PSPIC†CḡC,CHC†C‡C PiCḡPë
C-PSC†C†P»C-PSPsC,PμCḡP°PiC-C—, PI C,PSPjC† C±PëC†P»C- PiCḡPë C,PμCḡP°PiC-C—
PiCḡPμPiP°CḡP°C,PSPj PŸPsP¶PμPs PŸPsP»PsPŸC,P°Cḡ, P·PSP°C±PSPs PSPëP¶C±C- P·P°
C,,P°CḡPjP°PePsP»PsPiC-C±PSC- PePsPSC†PμPSC,CḡP°C†C-C—, PSPμPsP±C...C-PrPSC- PrP»C‡
P°PeC,PëPIP°C†C-C— P†PαP -1-PsPiPsC†PμCḡPμPrPePsPIP°PSPsPiPs PjPμC...P°PSC-P·PjC†.

PJ PrPsC†P»C-PrP¶PμPSPSC- PeP»C-PSC-C±PSPsC— C,,P°CḡPjP°PePsP»PsPiC-C— P±C†P»Ps
PiPsPeP°P·P°PSPs, C%Ps C-PSC†C†P»C-PS PiP»P°CḡPiC-PS C,P° P»CḡPrC†CḡPePëPNë
C-PSC†C†P»C-PS PiCḡPë PIPSC†C,CḡC-CëPSCḡPsPIPμPSPSPsPjC† PIPiPμPrPμPSPSC- C”
PμPePIC-PiPsC,PμPSC,PSPëPjPë PiCḡPë P·P°C†C,PSC†C†PIP°PSPSC- C† PsPrPSP°PePsPIPëC...
PrPsP·P°C....

PiPe C- PiCḡPë P·P°C†C,PSC†C†PIP°PSPSC- P±C†PrCḡ-C‡PePëC... C-PSC†C†P»C-PSC-PI, PSP°
PrPëPSP°PjC-PeC† PrC-C— C-PSC†C†P»C-PSC† PiP»P°CḡPiC-PSC† PjPsP¶C†C,CH
PIPiP»PëPIP°C,Pë C,,C-P·PëC±PSP° P°PeC,PëPIPSC-C†C,CH C,P° C-PSCëC- C±PëPSPSPëPePë.

PμP»C-PSC-C±PSP° PμC,,PμPeC,PëPIPSC-C†C,CH C,P° P±PμP·PiPμPeP°. PJ PIC-PrPeCḡPëC,PëC...
CḡP°PSPPrPsPjC-P·PsPIP°PSPëC... PIPëPiCḡPsP±C†PIP°PSPSC‡C... PI
PiP°CḡP°P»PμP»CHPSPëC... PiCḡC†PiP°C... P· P°PeC,PëPIPSPëPj PePsPSC,CḡPsP»PμPj
C,CḡPëPIP°P»C-C†C,Cḡ PrPs 26 C,PëP¶PSC-PI PiPsCḡC-PIPSCḡPIP°P»Pë P·P°PiP°P»CHPSC†B
B PμC,,PμPeC,PëPIPSC-C†C,CH B B C,P° B B P±PμP·PiPμPeC† B B PiCḡPμPiP°CḡP°C,C†
B B PŸPsP¶PμPs B B PŸPsP»PsPŸC,P°Cḡ B B (C-PSC†C†P»C-PSB B PiP»P°CḡPiC-PS

300 PhPr./PjP») PiCḡPë PIPiPμPrPμPSPSC- 1 CḡP°P· PSP° PrPsP±C† C%PsPrPs
PiP»C-PePμPjC-C±PSPsPiPs PePsPSC,CḡPsP»Cḡ C† PiPsCḡC-PIPSC‡PSPSC- P· C†PëPjPë
PiPsPeP°P·PSPëPeP°PjPë C-PSC†C†P»C-PSC† PiP»P°CḡPiC-PSC† 100 PhPr./PjP» PiCḡPë
PIPiPμPrPμPSPSC- 1 CḡP°P· PSP° PrPsP±C† C† 546 PiP°C†C-C”PSC,C-PI P· C†C†PeCḡPsPIPëPj
PrC-P°P±PμC,PSPj 1 C,PëPiC† C- 2474 PiP°C†C-C”PSC,C-PI P· C†C†PeCḡPsPIPëPj
PrC-P°P±PμC,PSPj 2 C,PëPiC† (PrPëPI. C,P°P±P»PëC†C- 1 C- 2). P PμP·C†P»CHC,P°C,Pë
PIC†C-C... PeP»C-PSC-C±PSPëC... PrPsC†P»C-PrP¶PμPSCḡ PiCḡPμPiP°CḡP°C,C† PŸPsP¶PμPs
PŸPsP»PsPŸC,P°Cḡ PiPsPeP°P·P°P»Pë, C%Ps P·PSPëP¶PμPSPSC‡ PIPjC-C†C,C† HbA1c P·
PiPsC±P°C,PeC† PrPs P·P°PIPμCḡCëPμPSPSC‡ PrPsC†P»C-PrP¶PμPSCḡ P±C†P»Ps
PiCḡPëPSP°PNëPjPSC- PSPμ PiC-CḡCëPμ P·P° P·PjC-PSC† C†CHPsPiPs PiPsPeP°P·PSPëPeP°,
PsC,CḡPëPjP°PSC† PiCḡPë P·P°C†C,PSC†C†PIP°PSPSC- C-PSC†C†P»C-PSC† PiP»P°CḡPiC-PSC†
100 PhPr./PjP». P C-PIPSC- P·PSPëP¶PμPSPSC‡ PePsPSC†PμPSC,CḡP°C†C-C— PiP»CḡPePsP·Pë
PI PeC-PSC†C- PIPëPiCḡPsP±C†PIP°PSPSC‡ PiCḡPμPiP°CḡP°C,C-PI PŸPsP¶PμPs
PŸPsP»PsPŸC,P°Cḡ C- C-PSC†C†P»C-PSC† PiP»P°CḡPiC-PSC† 100 PhPr./PjP» P±C†P»Pë
PiPsPrC-P±PSPëPjPë, P±C-P»CHCë PiPsPIC-P»CHPSPëPj P±C†P»Ps P·PSPëP¶PμPSPSC‡ PiC-Pr
C±P°C† PiPμCḡC-PsPrC† C,PëC,CḡC†PIP°PSPSC‡ PrPsP·Pë PiCḡPμPiP°CḡP°C,C† PŸPsP¶PμPs
PŸPsP»PsPŸC,P°Cḡ.

P·C,,PμPeC,PëPIPSC-C†C,CH PiP»C-PePμPjC-C±PSPsPiPs PePsPSC,CḡPsP»Cḡ PiCḡPë
P·P°C†C,PSC†C†PIP°PSPSC- PiCḡPμPiP°CḡP°C,C† PŸPsP¶PμPs PŸPsP»PsPŸC,P°Cḡ PsPrPëPS
CḡP°P· PSP° PrPsP±C† PICḡP°PSC†C- P°P±Ps PIPiPμC±PμCḡC- P±C†P»P° C†C...PsP¶PsCḡ. PkP°
PiPsPeCḡP°C%PμPSPSC‡ PiPsPeP°P·PSPëPeC-PI HbA1c PSPμ PIPiP»PëPIP°P»Pë C†C,P°C,CH,
PμC,PSC-C±PSP° PSP°P»PμP¶PSC-C†C,CH C,P° PIC-Pe PiP°C†C-C”PSC,P°,
C,CḡPëPIP°P»C-C†C,CH P·P°C...PIPsCḡCḡPIP°PSPSC‡ PSP° C†C†PeCḡPsPIPëPNë PrC-P°P±PμC,
(< 10 C- ≥ 10 CḡPsPeC-PI), PePsPSC†PμPSC,CḡP°C†C-C‡ HbA1c PrPs P»C-PeC†PIP°PSPSC‡ (< 8
P°P±Ps ≥ 8 %) C±Pë PiPsC±P°C,PePsPIPëPNë C-PSPPrPμPeC† PjP°C†Pë C,C-P»P° (P†PḡPŸ)
C...PIPsCḡPsPiPs.

PJ PeC-PSC†C- C†PëC... PrPsC†P»C-PrP¶PµPSCĤ, PI C†PePëC... PrPsP·Pë PiCĤPµPïP°CĤP°C,C-PI C,PëC,CĤC†PIP°P»Pë PrPs PrPsC†C†PiPSPµPSPSC† C†C-P»CHPsPIPëC... CĤC-PIPSC-PI PiP»C-PePµPjC-C—, PI PiCĤC†PiC- PiCĤPµPïP°CĤP°C,C† PŷPsP¶PµPs PŷPsP»PsPŸC,P°CĤ PIPiPsPrPëP»PëC†C† PrPsP·Pë, PSP° 10вĤ“18 % (P·P°P»PµP¶PSPs PIC-Pr PiC-PrPiCĤC†PiPë PiP°C†C-C”PSC,C-PI C,P° C†C†PiC†C,PSCĤPsC— C,PµCĤP°PiC-C—) PIPëC‰C- P·P° PrPsP·Pë, C†PeC- PIPiPsPrPëP»PëC†C† PI PiCĤC†PiC- PiCĤPµPïP°CĤP°C,C† PiPsCĤC-PIPSC†PSPSC† (PrPëPI. C,P°P±P»PëC†C- 1 C- 2).

P”P»C† C...PIPsCĤPëC... PSP° C†C†PeCĤPsPIPëPNë PrC-P°P±PµC, 2 C,PëPiC†, C†PeC- PsC,CĤPëPjC†PIP°P»Pë PrPsC†P»C-PrP¶C†PIP°PSC- PiCĤPµPïP°CĤP°C,Pë C† PePsPjP±C-PSP°C†C-C— P°P±Ps P· PSPµC-PSC†C†P»C-PSPsPIPëPj PiCĤPsC,PëPrC-P°P±PµC,PëC†PSPëPj PiCĤPµPïP°CĤP°C,PsPj, P°P±Ps P· PiCĤP°PSPrC-P°P»CHPsPëPj C-PSC†C†P»C-PSPsPj, CĤPµP·C†P»CHC,P°C,Pë PeP»C-PSC-C†PSPëC... PIPëPiCĤPsP±C†PIP°PSCĤ PiPsPeP°P·P°P»Pë, C‰Ps C†P°C†C,PsC,P° PIPëPSPëPePSPµPSPSC† PiC-PrC,PIPµCĤPrP¶PµPSPëC... PIPëPiP°PrPeC-PI PiC-PiPsPiP»C-PePµPjC-C— (C† P±C†PrCH-C†PePëPNë C†P°C† PrPsP±Pë C,P° PSC-C†PSPëC...) P±C†P»P° PSPëP¶C†PsCĤ C† PiP°C†C-C”PSC,C-PI, C†PeC- PsC,CĤPëPjC†PIP°P»Pë PiCĤPµPïP°CĤP°C, PŷPsP¶PµPs PŷPsP»PsPŸC,P°CĤ, C† PiPsCĤC-PIPSC†PSPSC- P· PiP°C†C-C”PSC,P°PjPë, C†PeC- PsC,CĤPëPjC†PIP°P»Pë C-PSC†C†P»C-PS PiP»P°CĤPiC-PS 100 PhPr./PjP». PµPµCĤPµPIP°PiP° PiCĤPµPïP°CĤP°C,C† PŷPsP¶PµPs PŷPsP»PsPŸC,P°CĤ PSP°Pr C-PSC†C†P»C-PSPsPj PiP»P°CĤPiC-PSPsPj 100 PhPr./PjP» C‰PsPrPs P·PSPëP¶PµPSPSC† CĤPëP·PëPeC† PIPëPSPëPePSPµPSPSC† PiC-PrC,PIPµCĤPrP¶PµPSPsC— PSC-C†PSPsC— PiC-PiPsPiP»C-PePµPjC-C— PiPsPeP°P·P°PSP° C† PiP°C†C-C”PSC,C-PI P· C†C†PeCĤPsPIPëPj PrC-P°P±PµC,PsPj 2 C,PëPiC†, C†PePëC... P»C-PeC†PIP°P»Pë P±P°P·P°P»CHPsPëPj C-PSC†C†P»C-PSPsPj C† PePsPjP±C-PSP°C†C-C— P· PSPµC-PSC†C†P»C-PSPsPIPëPjPë PiCĤPsC,PëPrC-P°P±PµC,PëC†PSPëPjPë P»C-PeP°CĤC†CHPePëPjPë P·P°C†PsP±P°PjPë (P·PSPëP¶PµPSPSC† CĤPëP·PëPeC† PSP° 18 %) P°P±Ps PiCĤP°PSPrC-P°P»CHPsPëPj C-PSC†C†P»C-PSPsPj (P·PSPëP¶PµPSPSC† CĤPëP·PëPeC† PSP° 21 %) PiCĤPsC,C†PiPsPj PiPµCĤC-PsPrC† P»C-PeC†PIP°PSPSC† P· 9-PiPs C,PëP¶PSC† PrPs P·P°PIPµCĤCëPµPSPSC† PrPsC†P»C-PrP¶PµPSPSC†. P—P°PiP°P»PsPj C†C- PµC,,PµPeC,Pë P·PSPëP¶PµPSPSC† CĤPëP·PëPeC† PiC-PiPsPiP»C-PePµPjC-C— C†C,P°P±C-P»CHPsPs C†PiPsC†C,PµCĤC-PiP°P»PëC†C† PSPµP·P°P»PµP¶PSPs PIC-Pr PIC-PeC†, C†C,P°C,C-, P†PĤPŷ, C,CĤPëPIP°P»PsC†C,C- P·P°C...PIPsCĤCHPIP°PSPSC† PSP° C†C†PeCĤPsPIPëPNë PrC-P°P±PµC, (< 10 C- ≥ 10 CĤPsPeC-PI) C† PiP°C†C-C”PSC,C-PI, C†PeC- P»C-PeC†PIP°P»PëC†C† PiCĤPµPïP°CĤP°C,PsPj PŷPsP¶PµPs PŷPsP»PsPŸC,P°CĤ, C† PiPsCĤC-PIPSC†PSPSC- P· PiP°C†C-C”PSC,P°PjPë, C†PeC- PsC,CĤPëPjC†PIP°P»Pë C-PSC†C†P»C-PS PiP»P°CĤPiC-PS 100 PhPr./PjP».

PJ C...PIPsCĤPëC... PSP° C†C†PeCĤPsPIPëPNë PrC-P°P±PµC, 1 C,PëPiC† C†P°C†C,PsC,P° PIPëPSPëPePSPµPSPSC† PiC-PiPsPiP»C-PePµPjC-C— P±C†P»P° PiPsPrC-P±PSPsCĤ PiCĤPë P·P°C†C,PsC†C†PIP°PSPSC- PiCĤPµPïP°CĤP°C,C-PI PŷPsP¶PµPs PŷPsP»PsPŸC,P°CĤ C-PSC†C†P»C-PS PiP»P°CĤPiC-PS 100 PhPr./PjP» (PrPëPI. C,P°P±P»PëC†CĤ 3).

PŷP°P±P»PëC†C† 1

P PµP·C†P»CHC,P°C,Pë PeP»C-PSC-C†PSPëC... PrPsC†P»C-PrP¶PµPSCĤ P·P° C†C†P°C†C,CĤ PiP°C†C-C”PSC,C-PI P· C†C†PeCĤPsPIPëPj PrC-P°P±PµC,PsPj 1 C,PëPiC†

26 C,PëP¶PSC-PI P»C-PeC†PIP°PSPSC†

	PyPsP¶PµPs PŸPsP»PsPŸC,P°CŦ	P†P“P»P°CŦ
P>C-PeCřPIP°PSPSCŬ Cř PePsPjP±C-PSP°C†C-C— P·	P°PSP°P»PsPiPsPj PiCŦP°PSPřC-P°P»CHßPSPsPiPs C-PSCřCřP»C-PSCř	
PЉC-P»CHßPeC-CřC,CHß PiP°C†C-C”PSC,C-PI, CŬPeC- PsC,CŦPëPjP°P»Pë P»C-PeCřPIP°PSPSCŬ (mITT ^a)	273	273
P C-PIPµPSCĤ HbA_{1c} PŸPµCŦPµPrPSC-PN _ë PIPëC...C-PrPSPëPN _ë CŦC-PIPµPSCĤ	8,13	8,12
PŸPµCŦPµPrPSCŬ P·PjC-PSP° PIC-Pr PIPëC...C-PrPSPsPiPs CŦC-PIPSCŬ P· PiPsPiCŦP°PIPeP°PjPë	-0,40	-0,44
PŸPµCŦPµPrPSCŬ CŦC-P·PSPëC†CŬ P· PiPsPiCŦP°PIPeP°PjPë ^b	0,04 [PIC-Pr -0,098 PrPs 0,185]	
P“PsP·P° P±P°P·P°P»CHßPSPsPiPs C-PSCřCřP»C-PSCř^c (PhPr/PePi) PŸPµCŦPµPrPSC-PN _ë PIPëC...C-PrPSPëPN _ë CŦC-PIPµPSCĤ	0,32	0,32
PŸPµCŦPµPrPSCŬ P·PjC-PSP° PIC-Pr PIPëC...C-PrPSPsPiPs CŦC-PIPSCŬ	0,15	0,09
PĤP°CřP° C,C-P»P^d (PePi) PŸPµCŦPµPrPSC-PN _ë PIPëC...C-PrPSPëPN _ë CŦC-PIPµPSCĤ	81,89	81,80
PŸPµCŦPµPrPSCŬ P·PjC-PSP° PIC-Pr PIPëC...C-PrPSPsPiPs CŦC-PIPSCŬ	0,46	1,02

P†P“P»P°CŦ бŦ” C-PSCřCřP»C-PS PiP»P°CŦPiC-PS 100 PsPrPëPSPëC†CHß/PjP».

^amITT бŦ” PjPsPrPëC,,C-PePsPIP°PSP° PiPsPiCřP»CŬC†C-CŬ CřCřC-C...
CŦP°PSPřPsPjC-P·PsPIP°PSPëC... PiP°C†C-C”PSC,C-PI (intention-to-treat) .

^bP C-P·PSPëC†CŬ PjC-P¶ PiCŦCřPiP°PjPë P»C-PeCřPIP°PSPSCŬ PIPëP·PSP°C‡P°P»P°CřCŬ
C€P»CŬC...PsPj PIC-PrPSC-PjP°PSPSCŬ P·PSP°C‡PµPSCĤ, PsC,CŦPëPjP°PSPëC... PI PiCŦCřPiC-
PiCŦPëPN_ëPsPjCř PiCŦPµPiP°CŦP°C,Cř PyPsP¶PµPs PŸPsP»PsPŸC,P°CŦ, PIC-Pr
P·PSP°C‡PµPSCĤ, PsC,CŦPëPjP°PSPëC... PI PiCŦCřPiC- PiCŦPëPN_ëPsPjCř C-PSCřCřP»C-PSCř
PiP»P°CŦPiC-PSCř 100 PsPrPëPSPëC†CHß/PjP»; [95% PrPsPIC-CŦC‡PëPN_ë C-PSC,PµCŦPIP°P»] .

^cP—PjC-PSP° P· PIPëC...C-PrPSPsPiPs CŦC-PIPSCŬ PrPs PĤC-CřCŬC†CŬ 6 (PsC†C-PSPeP°
CřPiPsCřC,PµCŦPµP¶CřPIP°PSPëC... PIPëPiP°PrPeC-PI).

^dP—PjC-PSP° P· PIPëC...C-PrPSPsPiPs CŦC-PIPSCŬ PrPs PsCřC,P°PSPSCĤPsPiPs
P·PSP°C‡PµPSPSCŬ, PsC,CŦPëPjP°PSPsPiPs PiCŦPsC,CŬPiPsPj PsCřPSPsPIPSsPiPs 6-
PjC-CřCŬC‡PSPsPiPs PiPµCŦC-PsPrCř P»C-PeCřPIP°PSPSCŬ.

^dP—PjC-PSP° P· PIPëC...C-PrPSPsPiPs CḡC-PIPSCḡ PrPs PsCḡC,P°PSPSCHsPiPs
P·PSP°CḡPμPSPSCḡ, PsC,CḡPëPjP°PSPsPiPs PiCḡPsC,CḡPiPsPj PsCḡPSPsPIPSPsPiPs 6-
PjC-CḡCḡCḡPSPsPiPs PiPμCḡC-PsPrCḡ P»C-PeCḡPIP°PSPSCḡ.

PŷP°P±P»PëCḡCḡ 3

P—PIPμPrPμPSC- PrP°PSC- PiCḡPs CḡP°CḡC,PsC,Cḡ PμPiC-P·PsPrC-PI
PiC-PiPsPiP»C-PePμPjC-C— Cḡ PeP»C-PSC-CḡPSPsPjCḡ PrPsCḡP»C-PrPḡPμPSPSC- P·P°
CḡCḡP°CḡC,Cḡ PiP°CḡC-C°PSC,C-PI P· CḡCḡPeCḡPsPIPëPj PrC-P°P±PμC,PsPj 1 C- 2 C,PëPiCḡ

PμPsPiCḡP»CḡCḡC-Cḡ PiP°CḡC-C°PSC,C-PI P· CḡCḡPeCḡPsPIPëPj PrC-P°P±PμC,PsPj	PiCḡPeCḡPsPIPëPNḡ PrC-P°P±PμC, 1 C,PëPiCḡ PμP°CḡC-C°PSC,Pë, CḡPeC- CḡP°PSC-CḡPμ PsC,CḡPëPjCḡPIP°P»Pë P±P°P·P°P»CḡPSPëPNḡ C-PSCḡCḡP»C-PS		PiCḡPeCḡPsPIPëPNḡ PrC-P°P±PμC, 2 C,PëPiCḡ PμP°CḡC-C°PSC,Pë, CḡPeC- CḡP°PSC-CḡPμ PsC,CḡPëPjCḡPIP°P»Pë P±P°P·P°P»CḡPSPëPNḡ C-PSCḡCḡP»C-PS		PiCḡPeCḡPsPIPëPNḡ PrC-P°P±PμC, 2 C,PëPiCḡ PμP°CḡC-C°PSC,Pë, CḡPeC- CḡP°PSC-CḡPμ PSPμ PsC,CḡPëPjCḡPIP°P»Pë C-PSCḡCḡP»C-PS P°P±Ps PsC,CḡPëPjCḡPIP°P»Pë P±P°P·P°P»CḡPSPëPNḡ C-PSCḡCḡP»C-PS	
	PŷPsPḡPμPs PŷPsP»PsPŷC,P°Cḡ P±P°P»P°Cḡ	PŷPsPḡPμPs PŷPsP»PsPŷC,P°Cḡ P±P°P»P°Cḡ	PŷPsPḡPμPs PŷPsP»PsPŷC,P°Cḡ P±P°P»P°Cḡ	PŷPsPḡPμPs PŷPsP»PsPŷC,P°Cḡ P±P°P»P°Cḡ	PŷPsPḡPμPs PŷPsP»PsPŷC,P°Cḡ P±P°P»P°Cḡ	PŷPsPḡPμPs PŷPsP»PsPŷC,P°Cḡ P±P°P»P°Cḡ
P·C-PeCḡPIP°PSPSCḡ Cḡ PePsPjP±C-PSP°CḡC-C— P·	P°PSP°P»PsPiPsPj PiCḡP°PSPPrC-P°P»CḡPSPsPiPs C-PSCḡCḡP»C-PSCḡ	P°PSP°P»PsPiPsPj PiCḡP°PSPPrC-P°P»CḡPSPsPiPs C-PSCḡCḡP»C-PSCḡ B± PjPμC,C,,PsCḡPjC-PS	P°PSP°P»PsPiPsPj PiCḡP°PSPPrC-P°P»CḡPSPsPiPs C-PSCḡCḡP»C-PSCḡ	P°PSP°P»PsPiPsPj PiCḡP°PSPPrC-P°P»CḡPSPsPiPs C-PSCḡCḡP»C-PSCḡ	PSPμC-PSCḡCḡP»C-PSPsPIPëPjPë PiCḡPsC,PëPrC-P°P±PμC,PëCḡPSPëPjPë PiCḡPμPiP°CḡP°C,P°PjPë	
PŷP°CḡC,PsC,P° (%) PμPiC-P·PsPrC-PI C,CḡPḡPePsC—^a PiC-PiPsPiP»C-PePμPjC-C— (n/P·P°PiP°P»CḡPSP° N)	6,6 93,1 (18/274) P·P * 0,69 [0,39;1,23]	9,5 93,5 (26/275) P·P 0,87 [0,48;1,55]	5,0 81,9 (20/404) P·P 0,87 [0,48;1,55]	5,7 87,8 (23/402) P·P 0,82 [0,33;2,00]	1,0 57,6 (8/838) P·P 0,82 [0,33;2,00]	1,2 64,5 (10/844) P·P 0,82 [0,33;2,00]
PŷP°CḡC,PsC,P° (%) PμPiC-P·PsPrC-PI PiC-PrC,PIPμCḡPrPḡPμPSPsC—^b PiC-PiPsPiP»C-PePμPjC-C— (n/P·P°PiP°P»CḡPSP° N)	93,1 (255/274) P·P 1,00 [0,95;1,04]	93,5 (257/275) P·P 0,93 [0,88; 0,99]	81,9 (331/404) P·P 0,93 [0,88; 0,99]	87,8 (353/402) P·P 0,89 [0,83; 0,96]	57,6 (483/838) P·P 0,89 [0,83; 0,96]	64,5 (544/844) P·P 0,89 [0,83; 0,96]
PŷP°CḡC,PsC,P° (%) PμPiC-P·PsPrC-PI PiC-PrC,PIPμCḡPrPḡPμPSPsC— PSC-CḡPSPsC—^c PiC-PiPsPiP»C-PePμPjC-C— (n/P·P°PiP°P»CḡPSP° N)	59,3 (162/273) P— C,PëPḡPSCḡ 9 PrPs PeC-PSCḡCḡ PrPsCḡP»C-PrPḡPμPSPSCḡ P·P 1,06 [0,92;1,23]	56,0 (153/273) P·P 0,79 [0,67;0,93]	36,1 (146/404) (184/400) P·P 0,82 [0,68;0,99]	46,0 (184/400) P·P 0,82 [0,68;0,99]	18,4 (154/835) P·P 0,82 [0,68;0,99]	22,5 (188/835) P·P 0,82 [0,68;0,99]

P±P°P»P°CḡCḡ C-PSCḡCḡP»C-PS PiP»P°CḡPiC-PS 100 PsPrPëPSPëCḡCḡ/PjP».

^aPŷCḡPḡPeP° PiC-PiPsPiP»C-PePμPjC-CḡCḡ PμPiC-P·PsPr, C%oPs PiPsC,CḡPμP±CḡC”
PrPsPiPsPjPsPiPë C-PSCḡPsC— PsCḡPsP±Pë PrP»Cḡ P°PeC,PëPIPSPsPiPs PIPμPrPμPSPSCḡ
PICḡPiP»PμPIPsPrC-PI, PiP»CḡPeP°PiPsPSCḡ P°P±Ps C-PSCḡPëC...
CḡPμP°PSC-PjP°CḡC-PNḡPSPëC... P·P°C...PsPrC-PI.

^bPμC-PrC,PIPμCḡPrPḡPμPSP° PiC-PiPsPiP»C-PePμPjC-CḡCḡ P±CḡPrCḡCḡCḡPePëPNḡ
PμPiC-P·PsPr C,CḡPḡPePsC— PiC-PiPsPiP»C-PePμPjC-C— C,P°/P°P±Ps
PiC-PiPsPiP»C-PePμPjC-C—, PiC-PrC,PIPμCḡPrPḡPμPSPsC— PIPëP·PSP°CḡPμPSPSCḡPj
CḡC-PIPSCḡ PiP»CḡPePsP·Pë PI PiP»P°P·PjC- PeCḡPsPIC- ≤ 3,9 PjPjPsP»CḡCḡ/P».

^cPḡC-CḡPSP° PiC-PiPsPiP»C-PePμPjC-CḡCḡ PμPiC-P·PsPr, C%oPs PIPëPSPëPeP°C” Cḡ
PiCḡPsPjC-PḡPeCḡ P· 00:00 PrPs 05:59 PiPsPrPëPs.

^d6-PjC-CḡCḡCḡPSPëPNḡ PiPμCḡC-PsPr P»C-PeCḡPIP°PSPSCḡ.

*P·P CḡCḡCḡCḡP°C...CḡPSPePsPIPμ PIC-PrPSPsCḡPμPSPSCḡ CḡPëP·PëPeC-PI; [95%
PrPsPIC-CḡCḡPëPNḡ C-PSC,PμCḡPIP°P»] .

P“PSCrC#PeC-CrC,CH C#P°CrC PIPiPμPrPμPSPSCi PīCḡPμPīP°CḡP°C,Cr. P’CrP»Ps
PīCḡPsPiPμPrPμPSPs PrPiP° CḡP°PSPrPsPjC-P·PsPiP°PSC- PIC-PrPeCḡPēC,C-
PeP»C-PSC-C#PSC- PIPēPīCḡPsP±CrPiP°PSPSCi C,CḡPēPiP°P»C-CrC,CH 3 PjC-CrCḡC†C- P·P°
CrC#P°CrC,CH PīP°C†C-C”PSC,C-PI P· C†CrPeCḡPsPiPēPj PrC-P°P±PμC,PsPj 2 C,PēPīCr (n=194),
CḡPeC- PsC,CḡPēPjCrPiP°P»Pē PīCḡPμPīP°CḡP°C, PIPiPμC#PμCḡC- 1 CḡP°P· PSP° PrPsP±Cr
P°P±Ps Cr PsPrPēPS C- C,PsPNē PḡPμ C#P°Cr PIPrPμPSCḡ (C,,C-PeCrPsPiP°PSPēPNē C#P°Cr
PIPiPμPrPμPSPSCi) C#Pē PI PjPμPḡP°C... 3 PiPsPrPēPS PrPs P°P±Ps PīC-CrP»Cḡ
P·PiPēC#P°PNēPSPsPiPs C#P°CrC P·P°CrC,PsCrC†PiP°PSPSCi (PiPSCrC#PePēPNē C#P°Cr
PIPiPμPrPμPSPSCi). P-P°CrC,PsCrC†PiP°PSPSCi PīCḡPμPīP°CḡP°C,Cr P·
PiPēPePsCḡPēCrC,P°PSPSCiPj PiPSCrC#PePsPiPs C#P°CrC PIPiPμPrPμPSPSCi PSPμ
PiPīP»PēPiP°P»Ps PSP° PePsPSC,CḡPsP»CH PiP»C-PePμPjC-C— C- PSP° C#P°CrC,PsC,Cr
CḡPsP·PiPēC,PeCr PiC-PiPsPiP»C-PePμPjC-PNē.

PḡPSC,PēC,C-P»P°. P PμP·CrP»CHC,P°C,Pē PrPsCrP»C-PrPḡPμPSCḡ, PI CḡPePēC...
PiPsCḡC-PIPSCḡPiP°P»Pē PīCḡPμPīP°CḡP°C,Pē PḡPsPḡPμPs PḡPsP»PsPḡC,P°Cḡ C,P°
C-PSCrC†P»C-PS PiP»P°CḡPiC-PSB 100 PhPr./PjP», PSPμ PiPeP°P·CrCḡC,CH PSP° PḡPsPrPSC-
PIC-PrPjC-PSPSPsCrC,C- PjC-Pḡ C†PēPjPē PīCḡPμPīP°CḡP°C,P°PjPē P·P° C#P°CrC,PsC,PsCḡ
CrC,PIPsCḡPμPSPSCi P°PSC,PēC,C-P» PrPs C-PSCrC†P»C-PSCr P· PsPiP»CḡPrCr PSP°
PμC,,PμPeC,PēPiPSC-CrC,CH, P±PμP·PiPμC#PSC-CrC,CH P°P±Ps PrPsP·Cr
P±P°P·P°P»CHPSPsPiPs C-PSCrC†P»C-PSCr.

PḡP°CrP° C,C-P»P°. Pj PīP°C†C-C”PSC,C-PI, CḡPeC- PsC,CḡPēPjCrPiP°P»Pē PīCḡPμPīP°CḡP°C,
PḡPsPḡPμPs PḡPsP»PsPḡC,P°Cḡ, CrPμCḡPμPrPSCi P·PjC-PSP° PjP°CrPē C,C-P»P° PSP°
PeC-PSPμC†CH 6-PjC-CrCḡC#PSPsPiPs PiPμCḡC-PsPrCr P»C-PeCrPiP°PSPSCi
CrC,P°PSPsPiPēP»P° PjPμPSC€ PSC-Pḡ 1 PePi.

P PμP·CrP»CHC,P°C,Pē PrPsCrP»C-PrPḡPμPSPSCi PIPīP»PēPiCr P»C-PeCrPiP°PSPSCi PSP°
PīCḡPsPiCḡPμCrC†PiP°PSPSCi PrC-P°P±PμC,PēC#PSPsC— CḡPμC,PēPSPsPiP°C,C-C—.
P’PiP»PēPI C-PSCrC†P»C-PSCr PiP»P°CḡPiC-PSCr 100 PhPr./PjP» (PIPiPsPrPēPiCrCḡ PsPrPēPS
CḡP°P· PSP° PrPsP±Cr) PSP° PīPμCḡPμP±C-Pi PrC-P°P±PμC,PēC#PSPsC—
CḡPμC,PēPSPsPiP°C,C-C— PsC†C-PSCḡPiP°PiCrCḡ PīC-Pr C#P°Cr PIC-PrPeCḡPēC,PsPiPs 5-
CḡC-C#PSPsPiPs PrPsCrP»C-PrPḡPμPSPSCi P·P° CrC#P°CrC,CH 1024 PīP°C†C-C”PSC,C-PI P·
C†CrPeCḡPsPiPēPj PrC-P°P±PμC,PsPj 2 C,PēPīCr, PI CḡPePsPjCr CḡPe PīCḡPμPīP°CḡP°C,
PePsPSC,CḡPsP»CH PIPēPePsCḡPēCrC,PsPiCrPiP°PiCrCḡ PkPμPḡ-C-PSCrC†P»C-PS
(PIPiPsPrPēPiCrCḡ PrPiP° CḡP°P·Pē PSP° PrPsP±Cr) C,P° Cr CḡP°PjPeP°C... CḡPePsPiPs P·P°
PrPsPiPsPjPsPiPsCḡ C,,PsC,PsPiCḡP°C,,CrPiP°PSPSCi PsC#PSPsPiPs PrPSP°
PsC†C-PSCḡPiP°P»PsCrCḡ PīCḡPsPiCḡPμCrC†PiP°PSPSCi CḡPμC,PēPSPsPiP°C,C-C— PSP° 3
C,P° P±C-P»CHC€Pμ PīCrPSPeC,Pē P·P° C€PeP°P»PsCḡ ETDRS (Early Treatment Diabetic
Retinopathy Study, PrPsCrP»C-PrPḡPμPSPSCi CḡP°PSPSCHsPiPs P»C-PeCrPiP°PSPSCi
PrC-P°P±PμC,PēC#PSPsC— CḡPμC,PēPSPsPiP°C,C-C—). P-P° CḡPμP·CrP»CHC,P°C,P°PjPē
PīPsCḡC-PIPSCiPSPSCi C-PSCrC†P»C-PSCr PiP»P°CḡPiC-PSCr 100 PhPr./PjP» P· PkPμPḡ-
C-PSCrC†P»C-PSPsPj PSPμ P±CrP»Ps PIPēCḡPiP»PμPSPs CrC,P°C,PēCrC,PēC#PSPs
P·PSP°C†CrC%PēC... PIC-PrPjC-PSPSPsCrC,PμPNē PjC-Pḡ C†PēPjPē PīCḡPμPīP°CḡP°C,P°PjPē
C%PsPrPs PIPīP»PēPiCr PSP° PīCḡPsPiCḡPμCrC†PiP°PSPSCi PrC-P°P±PμC,PēC#PSPsC—
CḡPμC,PēPSPsPiP°C,C-C—.

P”PsCrP»C-PrPḡPμPSPSCi PīPsPeP°P·PSPēPeC-PI PrPsPiPiPsCrC,CḡPsPePsPiPsC—
PμC,,PμPeC,PēPiPSPsCrC,C- C- P±PμP·PiPμC#PSPsCrC,C-. P”PsCrP»C-PrPḡPμPSPSCi ORIGIN
(Outcome Reduction with Initial Glargine INtervention, B«P—PSPēPḡPμPSPSCi CḡPēP·PēPeCr
PSPμCrPīCḡPēCḡC,P»PēPiPēC... PeP»C-PSC-C#PSPēC... PSP°CrP»C-PrPeC-PI PīCḡPē
PīPμCḡPiPēPSPSPsPjCr PīCḡPēP·PSP°C#PμPSPSC- PiP»P°CḡPiC-PSCrB») P±CrP»Ps
P±P°PiP°C,PsC†PμPSC,CḡPsPiPēPj CḡP°PSPrPsPjC-P·PsPiP°PSPēPj PrPsCrP»C-PrPḡPμPSPSCiPj

P·C,,P°PeC,PsC₇C-P°P»CH₃PSPëPj PrPëP·P°PN₂PSPsPj 2 × 2, C%oPs P_iC₇PsPIPsPrPëP»PsC₇C₇
P·P° CrC₄P°C₇C, C₇ 12 537 P_iP°C₇C-C"PS₂C, C-PI P· PIPëC₇PsPePëPj C₇P_uC₇C₇P_uPIPs-
C₇C₇PrPëPSPSPëPj (P₇P₇) C₇PëP·PëPePsPj, Cr C₇PePëC... C₇P_iPsC₇C, P_uC₇C-PiP°P»P°C₇C₇
P_iPsC₇C₇C₇PeP_uPSP° PiP»C-PeP_uPjC-C₇ PSP°C, C%oP_u (P_uP"Pk) P°P±Ps P_iPsC₇C₇C₇PeP_uPSP°
C, PsP»P_uC₇P°PSC, PSC-C₇C, CH₃ PrPs PiP»C₇PePsP·Pë (P_uP₇P") (12 % CrC₄P°C₇PSPëPeC-PI)
C₄Pë C₇C₇PeC₇PsPIPëPN₂ PrC-P°P±P_uC, 2 C, PëPiC₇, P· PiC₇PëPIPsPrC₇ C₇PePsPiPs PIPsPSPë
PsC, C₇PëPjC₇PiP°P»Pë ≤ 1 PiP_uC₇PsC₇P°P»CH₃PSPëPN₂ PiC₇PsC, PëPrC-P°P±P_uC, PëC₄PSPëPN₂
PiC₇P_uPiP°C₇P°C, (88 % CrC₄P°C₇PSPëPeC-PI). PjC₄P°C₇PSPëPePë PrPsC₇P»C-PrP₇P_uPSPSC₇
P±C₇P»Pë C₇P°PSPPrPsPjC-P·PsPIP°PSC- (1:1) PrP»C₇ PsC, C₇PëPjP°PSPSC₇ P°P±Ps
C-PSC₇C₇P»C-PSC₇ PiP»P°C₇PiC-PSC₇ 100 P_hPr./PjP»B B B B (n = 6264), PrPsP·P° C₇PePsPiPs
C, PëC, C₇C₇PiP°P»P°C₇C₇ PrPs PrPsC₇C₇PiPSP_uPSPSC₇ C₇C-PiPSC₇ P"PrPk ≤ 95 PjPi/PrP»
(5,3 PjP_h), P°P±Ps C₇C, P°PSPPrP°C₇C, PSPsC— C, P_uC₇P°PiC-C— (n = 6273).

P_uP_uC₇C₇PePëPj P_iPsPeP°P·PSPëPePsPj Cr C₇PeP»P°PrC- PePsPjP±C-PSPsPIP°PSPsC—
PiP_uC₇PIPëPSPSPsC— PeC-PSC₇P_uPIPsC— C, PsC₄PePë P±C₇PI C₄P°C₇ PrPs PiP_uC₇C₇PePsPiPs
PSP°C₇C, P°PSPSC₇ P₇P₇ C₇PjP_uC₇C, C-, PSP_uC,, P°C, P°P»CH₃PSPsPiPs C-PSC,, P°C₇PeC, Cr
PjC-PsPeP°C₇PrP° (P₇P_h) P°P±Ps PSP_uC,, P°C, P°P»CH₃PSPsPiPs C-PSC₇C₇P»CH₃C, Cr, P°
PrC₇C₇PiPëPj P_iPsPeP°P·PSPëPePsPj Cr C₇PeP»P°PrC- PePsPjP±C-PSPsPIP°PSPsC—
PiP_uC₇PIPëPSPSPsC— PeC-PSC₇P_uPIPsC— C, PsC₄PePë P±C₇PI C₄P°C₇ PrPs PiP_uC₇C₇PePsPiPs
PSP°C₇C, P°PSPSC₇ P±C₇PrCH₃-C₇PePsC— P· C₇PëC... PiPsPrC-PN₂ PiP_uC₇C₇PePsPiPs
PiPsPeP°P·PSPëPeP° PePsPjP±C-PSPsPIP°PSPsC— PiP_uC₇PIPëPSPSPsC— PeC-PSC₇P_uPIPsC—
C, PsC₄PePë P°P±Ps PiC₇PsPIPsPrP_uPSPSC₇ PiC₇PsC₇P_uPrC₇C₇Pë
C₇P_uPIP°C₇PeC₇P»C₇C₇PëP·P°C₇C-C— (PePsC₇PsPSP°C₇PSPëC..., C₇PsPSPSPëC... P°P±Ps
PiP_uC₇PëC,, P_uC₇PëC₄PSPëC... C₇C₇PrPëPS), P°P±Ps PiPsC₇PiC-C, P°P»C-P·P°C₇C-C— P·
PiC₇PëPIPsPrC₇ C₇P_uC₇C₇P_uPIPsC— PSP_uPrPsC₇C, P°C, PSPsC₇C, C-. P"Ps PIC, PsC₇PëPSPSPëC...
PeC-PSC₇P_uPIPëC... C, PsC₄PsPe PSP°P»P_uP₇P°P»Pë C₇PjP_uC₇C, PSC-C₇C, CH₃ P· CrC₇C-C...
PiC₇PëC₄PëPS C- PePsPjP±C-PSPsPIP°PSP° PeC-PSC₇P_uPIP° C, PsC₄PeP°
PjC-PeC₇PsPIP°C₇PeC₇P»C₇C₇PSPëC... PiPsPrC-PN₂.

P₇PSC₇C₇P»C-PS PiP»P°C₇PiC-PS 100 P_hPr./PjP» PSP_u P·PjC-PSC₇PIP°PI PIC-PrPSPsC₇PSPëPN₂
C₇PëP·PëPe P₇P₇ P·P°C...PIPsC₇C₇PIP°PSC₇ C- C₇PjP_uC₇C, C- P· P₇P₇ PiC₇PëC₄PëPS Cr
PiPsC₇C-PiPSC₇PSPSC- P·C- C₇C, P°PSPPrP°C₇C, PSPsC₇ C, P_uC₇P°PiC-C"CH₃. P₄P_u P±C₇P»Ps
PIC-PrPjC-C₄P_uPSPs C₇C-P·PSPëC₇C- PjC-P₇ C-PSC₇C₇P»C-PSPsPj PiP»P°C₇PiC-PSPsPj C-
C₇C, P°PSPPrP°C₇C, PSPsC₇ C, P_uC₇P°PiC-C"CH₃ P·P° PsP±PsPjP° PiPsPeP°P·PSPëPeP°PjPë Cr
C₇PeP»P°PrC- PePsPjP±C-PSPsPIP°PSPsC— PiP_uC₇PIPëPSPSPsC— PeC-PSC₇P_uPIPsC—
C, PsC₄PePë; P·P° P₇PsPrPSPsC₇ C₇PeP»P°PrPsPIPsC₇ PeC-PSC₇P_uPIPsC— C, PsC₄PePë, C%oPs
PIPeP»CH₃C₄P°C" C₇C- PSP_uC₇PiC₇PëC₇C, P»PëPIC- PeP»C-PSC-C₄PSC- PSP°C₇P»C-PrPePë;
P·P° C₇PjP_uC₇C, PSC-C₇C, CH₃ P· CrC₇C-C... PiC₇PëC₄PëPS P°P±Ps P·P°
PePsPjP±C-PSPsPIP°PSPsC₇ PeC-PSC₇P_uPIPsC₇ C, PsC₄PePsC₇
PjC-PeC₇PsPIP°C₇PeC₇P»C₇C₇PSPëC... PiPsPrC-PN₂.

P₇P_uC₇P_uPrPSC₇ PrPsP·P° C-PSC₇C₇P»C-PSC₇ PiP»P°C₇PiC-PSC₇ 100 P_hPr./PjP» Cr
PeC-PSC₇C- PrPsC₇P»C-PrP₇P_uPSPSC₇ C₇C, P°PSPsPIPëP»P° 0,42 P_hPr./PePi. P₄P°
PiPsC₄P°C, PeC₇ PrPsC₇P»C-PrP₇P_uPSPSC₇ PjP_uPrC-P°PSP° C₇C-PiPSC-PI HbA1c Cr
CrC₄P°C₇PSPëPeC-PI C₇C, P°PSPsPIPëP»P° 6,4 %, P° Cr C...PsPrC-
PrPsC₇P»C-PrP₇C₇PiP°PSPsPiPs P»C-PeC₇PiP°PSPSC₇ PjP_uPrC-P°PSP° C₇C-PiPSC-PI HbA1c
PIP°C₇C-C₇PIP°P»P° PIC-Pr 5,9 PrPs 6,4 % PI PiC₇C₇PiC- P·P°C₇C, PsC₇C₇PiP°PSPSC₇
C-PSC₇C₇P»C-PSC₇ PiP»P°C₇PiC-PSC₇ 100 P_hPr./PjP» C- PIC-Pr 6,2 PrPs 6,6 % PI PiC₇C₇PiC-
P·P°C₇C, PsC₇C₇PiP°PSPSC₇ C₇C, P°PSPPrP°C₇C, PSPsC— C, P_uC₇P°PiC-C— PiC₇PsC, C₇PiPsPj
CrC₇CH₃PsPiPs PiP_uC₇C-PsPrC₇ C₇PiPsC₇C, P_uC₇P_uP₇P_uPSPSC₇.

P₇P°C₇C, PsC, P° P_uPiC-P·PsPrC-PI C, C₇P₇PePsC— PiC-PiPsPiP»C-PeP_uPjC-C—

(PiC7PμPrCfC,P°PIP»PμPSP° Cr PIPëPiP»CΠPrC- PeC-P»CHPePsCfC,C- CrC±P°CfPSPëPeC-PI PrPsCfP»C-PrP¶PμPSPSCΠ, Cr CΠPePëC... CfPiPsCfC,PμC7C-PiP°P»PëCfCΠ C,P°PeC-PμPiC-P·PsPrPë, PSP° 100 PiP°C†C-C''PSC,Ps-C7PsPeC-PI P»C-PeCfPIP°PSPSCΠ) CfC,P°PSPsPiPëP»P° 1,05 PI PiC7CfPiC- P·P°CfC,PsCfCfPIP°PSPSCΠ C-PSCfCfP»C-PSCf PiP»P°C7PiC-PSCf 100 PhPr./PjP» C- 0,30 PI PiC7CfPiC- P·P°CfC,PsCfCfPIP°PSPSCΠ CfC,P°PSPrP°C7C,PSPsC— C,PμC7P°PiC-C—, P° C±P°CfC,PsC,P° PμPiC-P·PsPrC-PI PiC-PrC,PIPμC7PrP¶PμPSPsC— PSPμC,CΠP¶PePsC— PiC-PiPsPiP»C-PePμPjC-C— CfC,P°PSPsPiPëP»P° 7,71 PI PiC7CfPiC- P·P°CfC,PsCfCfPIP°PSPSCΠ C-PSCfCfP»C-PSCf PiP»P°C7PiC-PSCf 100 PhPr./PjP» C- 2,44 PI PiC7CfPiC- P·P°CfC,PsCfCfPIP°PSPSCΠ CfC,P°PSPrP°C7C,PSPsC— C,PμC7P°PiC-C—. PμC7PsC,CΠPiPsPj C†CHPsPiPs 6-C7C-C±PSPsPiPs PrPsCfP»C-PrP¶PμPSPSCΠ Cr 42 % PiP°C†C-C''PSC,C-PI PI PiC7CfPiC- P·P°CfC,PsCfCfPIP°PSPSCΠ C-PSCfCfP»C-PSCf PiP»P°C7PiC-PSCf 100 PhPr./PjP» PIP·P°PiP°P»C- PSPμ CfPiPsCfC,PμC7C-PiP°P»PsCfCΠ PμPiC-P·PsPrC-PI PiC-PiPsPiP»C-PePμPjC-C—.

PkP° PsCfC,P°PSPSCHsPjCr PIC-P·PëC,C-, PIPëPePsPSP°PSPsPjCr PSP° C,,PsPSC-PrPsCfP»C-PrP¶CfPIP°PSPsPiPs P»C-PeCfPIP°PSPSCΠ, CfPiPsCfC,PμC7C-PiP°P»PsCfCΠ PiC-PrPIPëC%PμPSPSCΠ B PjP°CfPë B B C,C-P»P° B PIC-Pr B PIPëC...C-PrPSPsPiPs B B C7C-PIPSCΠ B PI B PiC7CfPiC- B P·P°CfC,PsCfCfPIP°PSPSCΠB C-PSCfCfP»C-PSCfB PiP»P°C7PiC-PSCf

100 PhPr./PjP» PI CfPμC7PμPrPSCCHsPjCr PSP° 1,4 PePi C- C—C— P·PSPëP¶PμPSPSCΠ PI CfPμC7PμPrPSCCHsPjCr PSP° 0,8 PePi PI PiC7CfPiC- P·P°CfC,PsCfCfPIP°PSPSCΠ CfC,P°PSPrP°C7C,PSPsC— C,PμC7P°PiC-C—.

P°C-C,Pë.

P·C,,PμPeC,PëPIPSC-CfC,CH C- P±PμP·PiPμC±PSC-CfC,CH PiC7PμPiP°C7P°C,Cr PÿPsP¶PμPs PÿPsP»PsPÿC,P°C7 PIPëPIC±P°P»PëCfCΠ PI C7P°PjPeP°C... PIC-PrPeC7PëC,PsPiPs, C7P°PSPrPsPjC-P·PsPIP°PSPsPiPs (1:1), PePsPSC,C7PsP»CHPsPIP°PSPsPiPs PeP»C-PSC-C±PSPsPiPs PrPsCfP»C-PrP¶PμPSPSCΠ P·P° CrC±P°CfC,C7 PrC-C,PμPNë C,P° PiC-PrP»C-C,PeC-PI C-P· C†CfPeC7PsPiPëPj PrC-P°P±PμC,PsPj 1 C,PëPiCr PiC7PsC,CΠPiPsPj 26 C,PëP¶PSC-PI (n 463). Pj PiC7CfPiC- P·P°CfC,PsCfCfPIP°PSPSCΠ PiC7PμPiP°C7P°C,Cr PÿPsP¶PμPs PÿPsP»PsPÿC,P°C7 P±CfP»Ps 73 PrC-C,PμPNë PIC-PePsPj < 12 C7PsPeC-PI C,P° 160 PrC-C,PμPNë PIC-PePsPj ≥ 12 C7PsPeC-PI. PμC7PμPiP°C7P°C, PÿPsP¶PμPs PÿPsP»PsPÿC,P°C7, CΠPePëPNë PiC7PëPNëPjP°P»Pë PsPrPëPS C7P°P· PSP° PrPsP±Cf, PiC7PsPrPμPjPsPSCfC,C7CfPIP°PI P°PSP°P»PsPiC-C±PSPμ P·PSPëP¶PμPSPSCΠ C7C-PIPSCΠ HbA1c C,P° P°PμPk P· PiPsC±P°C,PeCf PrPsCfP»C-PrP¶PμPSPSCΠ PrPs 26 C,PëP¶PSCΠ PiPsC7C-PIPSCΠPSPs P· C-PSCfCfP»C-PSPsPj PiP»P°C7PiC-PSPsPj 100 PhPr./PjP».

PhPSP°P»C-P· P·P°P»PμP¶PSPsCfC,C- PrPsP·P°-PμC,,PμPeC, PiPsPeP°P·P°PI, C%Ps PiC-CfP»CΠ PiPsC±P°C,PePsPiPsC— C,,P°P·Pë C,PëC,C7CfPIP°PSPSCΠ CfPePsC7PëPiPsPiP°PSC- PIC-PrPSPsCfPSPs PjP°CfPë C,C-P»P° PrPsP·Pë Cr PrC-C,PμPNë PIPëC%C-, PSC-P¶ Cr PrPsC7PsCfP»PëC... PiP°C†C-C''PSC,C-PI Cr C7C-PIPSPsPiP°P¶PSPsPjCr CfC,P°PSC-.

P—P°PiP°P»PsPj C±P°CfC,PsC,P° PIPëPSPëPePSPμPSPSCΠ PiC-PiPsPiP»C-PePμPjC-C— PI PiP°C†C-C''PSC,C-PI C-P· P±CfPrCH-CΠPePsC— PeP°C,PμPiPsC7C-C— P±CfP»P° CfC...PsP¶PsC7 PI PsP±PsC... PiC7CfPiP°C... P»C-PeCfPIP°PSPSCΠ: 97,9 % PiP°C†C-C''PSC,C-PI PiC7CfPiPë PiC7PμPiP°C7P°C,Cr PÿPsP¶PμPs PÿPsP»PsPÿC,P°C7 C,P° 98,2 % PiP°C†C-C''PSC,C-PI PiC7CfPiPë C-PSCfCfP»C-PSCf PiP»P°C7PiC-PSCf 100 PhPr./PjP» PiPsPIC-PrPsPjPëP»Pë C%PsPSP°PNëPjPμPSC€Pμ PiC7Ps PsPrPëPS PIPëPiP°PrPsPe PiC-PiPsPiP»C-PePμPjC-C—. PhPSP°P»PsPiC-C±PSPëPj C±PëPSPsPj PSC-C±PSP°

PiC-PiPsPiP»C-PePμPjC-CΠ PiPsCḡC-PIPSCḡPIP°P»P°CΓCΠ PI PiCḡCfPiP°C...
P»C-PeCfPiP°PSPSCΠ PiCḡPμPiP°CḡP°C,PsPj PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ C,P°
C-PSCΓCfP»C-PSPsPj PiP»P°CḡPiC-PSPsPj 100 PhPr./PjP». P'C-PrCΓPsC,PsPe
PiP°C†C-C"PSC,C-PI, CΠPeC- PiPsPIC-PrPsPjP»CΠP»Pë PiCḡPs C,CΠP¶PeCf
PiC-PiPsPiP»C-PePμPjC-Cḡ, P±CfPI PSPëP¶C†PëPj Cḡ PiCḡCfPiC- P·P°CΓC,PsCΓCfPiP°PSPSCΠ
PiCḡPμPiP°CḡP°C,Cḡ PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ PiPsCḡC-PIPSCΠPSPs P· C,P°PePëPj Cḡ
PiCḡCfPiC- C-PSCΓCfP»C-PSCḡ PiP»P°CḡPiC-PSCḡ 100 PhPr./PjP»: 6 % C,P° 8,8 %
PIC-PrPiPsPIC-PrPSPs. P'C-PrCΓPsC,PsPe PiP°C†C-C"PSC,C-PI P· PμPiC-P·PsPrP°PjPë
PiC-PiPμCḡPiP»C-PePμPjC-C— P· PePμC,PsP·PsPj P±CfPI PSPëP¶C†PëPj Cḡ PiCḡCfPiC-
P·P°CΓC,PsCΓCfPiP°PSPSCΠ PiCḡPμPiP°CḡP°C,Cḡ PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ
PiPsCḡC-PIPSCΠPSPs P· C,P°PePëPj Cḡ PiCḡCfPiC- C-PSCΓCfP»C-PSCḡ PiP»P°CḡPiC-PSCḡ 100
PhPr./PjP»: 6,4 % C,P° 11,8 % PIC-PrPiPsPIC-PrPSPs. PμCḡPë P·P°CΓC,PsCΓCfPiP°PSPSC-
PiCḡPμPiP°CḡP°C,Cḡ PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ P¶PsPrPSPëC... PiCḡPsP±P»PμPj
C%PsPrPs P±PμP·PiPμPePë, PiPsPiBḡ™ CΠP·P°PSPëC... C-P· PiPsP±C-C†PSPëPjPë
CΠIPëC%P°PjPë C,P° CΓC,P°PSPrP°CḡC,PSPëPjPë PiP°CḡP°PjPμC,CḡP°PjPë P±PμP·PiPμPePë,
PIPëCΠIP»PμPSPs PSPμ P±CfP»Ps. PhPSC,PëC,C-P»P° CḡC,PIPsCḡCḡPIP°P»PëCΓCΠ
CḡC-PrPePs, Pḡ C†Pμ CΠIPëC%Pμ PSPμ PjP°P»Ps PeP»C-PSC-C†PSPsPiPs PIPIP»PëPICḡ.
P"P°PSC- C%PsPrPs PμC,,PμPeC,PëPIPSPsCΓC,C- Pḡ P±PμP·PiPμC†PSPsCΓC,C-
P·P°CΓC,PsCΓCfPiP°PSPSCΠ PiCḡPμPiP°CḡP°C,Cḡ PrC-C,CΠPj, C...PIPsCḡPëPj PSP°
C†CḡPeCḡPsPIPëPḡ PrC-P°P±PμC, 2 C,PëPiCḡ, P±CfP»Pë PμPeCΓC,CḡP°PiPsP»CḡPsPIP°PSC- P·
PrP°PSPëC... P·P°CΓC,PsCΓCfPiP°PSPSCΠ PiCḡPμPiP°CḡP°C,Cḡ PiC-PrP»C-C,PeP°Pj C,P°
PrPsCḡPsCΓP»PëPj PiP°C†C-C"PSC,P°Pj C-P· C†CḡPeCḡPsPIPëPj PrC-P°P±PμC,PsPj 1 C,PëPiCḡ
C,P° PrPsCḡPsCΓP»PëPj PiP°C†C-C"PSC,P°Pj C-P· C†CḡPeCḡPsPIPëPj PrC-P°P±PμC,PsPj 2
C,PëPiCḡ. P PμP·CḡP»CḡC,P°C,Pë PrPsCΓP»C-PrP¶PμPSPSCΠ PsP±T'CḡCḡPSC,PsPICḡCḡC,Cḡ
P·P°CΓC,PsCΓCfPiP°PSPSCΠ PiCḡPμPiP°CḡP°C,Cḡ PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ PrC-C,CΠPj,
C...PIPsCḡPëPj PSP° C†CḡPeCḡPsPIPëPḡ PrC-P°P±PμC, 2 C,PëPiCḡ.

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

PḡP±CΓPsCḡP±C†C-CΠ C,P° CḡPsP·PiPsPrC-P». PμPsCḡC-PIPSCΠPSPSCΠ
PePsPSC†PμPSC,CḡP°C†C-C— C-PSCΓCfP»C-PSCḡ PI CΓPëCḡPsPIP°C,C†C- PeCḡPsPIC- Cḡ
P·PrPsCḡPsPIPëC... PrPsP±CḡPsPIPsP»CḡC†C-PI C,P° Cḡ C...PIPsCḡPëC... PSP°
C†CḡPeCḡPsPIPëPḡ PrC-P°P±PμC, PIPeP°P·P°P»Ps PSP° P±C-P»CḡCḡ PiPsPIC-P»CḡPSCḡ C,P°
C,CḡPëPIP°P»C-CḡCḡ P°P±CΓPsCḡP±C†C-Cḡ, C%Ps PiCḡPëP·PIPμP»Ps PrPs
PsC,CḡPëPjP°PSPSCΠ P±C-P»CḡCḡ PiP»P°CΓPePsPiPs PiCḡPsC,,C-P»Cḡ
B«PePsPSC†PμPSC,CḡP°C†C-CΠ/C†P°CΓB» PiC-CΓP»CΠ PiC-PrCḡPeC-CḡPSPsC—
C-PSBḡ™ C"P°C†C-C— PiCḡPμPiP°CḡP°C,Cḡ PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ
PiPsCḡC-PIPSCΠPSPs P· C-PSCΓCfP»C-PSPsPj PiP»P°CḡPiC-PSPsPjB B B B B B B B B B
100 PhPr./PjP». PαP°CḡPjP°PePsPeC-PSPμC,PëC†PSC- PiCḡPsC,,C-P»C- PiCḡPμPiP°CḡP°C,Cḡ
PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ PIC-PrPiPsPIC-PrP°P»Pë PḡPsPiPs
C,,P°CḡPjP°PePsPrPëPSP°PjC-C†PSC-Pḡ P°PeC,PëPIPSPsCΓC,C-.

P C-PIPSPsPIP°P¶PSP° PePsPSC†PμPSC,CḡP°C†C-CΠ PI C-PSC,PμCḡPiP°P»C-
C,PμCḡP°PiPμPIC,PëC†PSPsC— PrC-C— PrPsCΓCΠPiP°C"C,CḡCΓCḡ C†PμCḡPμP· 3Bḡ"4 PrPSC-
C%PsPrPμPSPSPsPiPs PIPIPμPrPμPSPSCΠ PiCḡPμPiP°CḡP°C,Cḡ PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ.

PμC-CΓP»CΠ PiC-PrCḡPeC-CḡPSPsC— C-PSBḡ™ C"P°C†C-C— PiCḡPμPiP°CḡP°C,Cḡ PŷPsP¶PμPs
PŷPsP»PsPŸC,P°Cḡ C-PSPrPëPIC-PrCḡP°P»CḡPSP° PiP°CḡC-P°P±PμP»CḡPSC-CΓC,Cḡ, C%Ps
PIPëP·PSP°C†P°P»P°CΓCḡ CΠPe PePsPμC,,C-C†C-C"PSC, PiP°CḡC-P°C†C-C— PrP»CΠ
PμPeCΓPiPsP·PëC†C-C— C-PSCΓCfP»C-PSCḡ P·P° 24 PiPsPrPëPSPë, P±CfP»P° PSPëP·CḡPePsCḡ
Cḡ CḡC-PIPSPsPIP°P¶PSPsPjCḡ CΓC,P°PSC- (17,4 %).

P'C-PsC, CḡP°PSCÍC, PsCḡPjP°C†C-Cḡ. PḡC-CÍP»Cḡ PíC-PrC€PeC-CḡPSPsC—
C-PSБḡ™ C"PeC†C-C— C-PSCÍC†P»C-PSC† PíP»P°CḡPíC-PSC† C† P»CḡPrPëPSPë PIC-PS
C€PIPëPrPePs PjPµC, P°P±PsP»C-P.C†C"C, CḡCÍCḡ PSP°
PeP°CḡP±PsPeCÍPëP»CḡPSPsPjC† PeC-PSC†C- P±PµC, P°-P»P°PSC†CḡPíP° P·
C†C, PíPsCḡPµPSPSCḡPj PrPíPsC... P°PeC, PëPIPSPëC... PjPµC, P°P±PsP»C-C, C-PI Бḡ Pḡ1
(21Pḡ-P"P»C--C-PSCÍC†P»C-PS) C- M2 (21Pḡ-P"P»C--PrPµP·-30P'-PḡCḡPµ-
C-PSCÍC†P»C-PS). Pj PíP»P°P·PjC- PeCḡPsPIC- PíPsP»PsPIPSPsCḡ
C†PëCḡPeC†P»CḡCḡC†PsCḡ C†PíPsP»C†PePsCḡ C" PjPµC, P°P±PsP»C-C, Pḡ1.
P·PeCÍPíPsP·PëC†C-Cḡ Pḡ1 P·CḡPsCÍC, P°C" PíCḡPsPíPsCḡC†C-PNëPSPs
PIPIPµPrPµPSC-PNë PrPsP·C- C-PSCÍC†P»C-PSC† PíP»P°CḡPíC-PSC†.
PḡP°CḡPjP°PePsPeC-PSPµC, PëC†PSC- C, P° C,, P°CḡPjP°PePsPrPëPSP°PjC-C†PSC-
PrP°PSC- CÍPIC-PrC†P°C, Cḡ PíCḡPs C, Pµ, C%oPs PµC,, PµPeC, PíC-PrC€PeC-CḡPSPsC—
C-PSБḡ™ C"PeC†C-C— C-PSCÍC†P»C-PSC† PíP»P°CḡPíC-PSC† PíPsPíБḡ™ CḡP·P°PSPëPNë
PíPµCḡPµPIP°P¶PSPs C-P· PµPeCÍPíPsP·PëC†C-C"Cḡ Pḡ1. P†PSCÍC†P»C-PS
PíP»P°CḡPíC-PS C, P° PjPµC, P°P±PsP»C-C, M2 C† PíPµCḡPµPIP°P¶PSPsC—
P±C-P»CḡC€PsCÍC, C- C†C†P°CÍPSPëPeC-PI PrPsCÍP»C-PrP¶PµPSCḡPSPµ
PIPëCḡPIP»CḡP»PëCÍCḡ, P° PePsP»Pë C—C...PSC-PNë PíPjC-CÍC, PjPsP¶PSP° P±C†P»Ps
PIPëP·PSP°C†PëC, Pë, C, Ps C—C...PSC- PePsPSC†PµPSC, CḡP°C†C-C— PSPµ
P·P°P»PµP¶P°P»Pë PIC-Pr PIPIPµPrPµPSPsC— PrPsP·PëB C- CÍPeP»P°PrC†
PíCḡPµPíP°CḡP°C, C† C-PSCÍC†P»C-PSC† PíP»P°CḡPíC-PSC†.

P'PëPIPµPrPµPSPSCḡ. PḡC-CÍP»Cḡ PíPSC†C, CḡC-C€PSCḡPsPIPµPSPSPsPíPs
PIPIPµPrPµPSPSCḡ PíCḡPµPíP°CḡP°C, C-PI C-PSCÍC†P»C-PSC† PíP»P°CḡPíC-PSC† C, P°
C-PSCÍC†P»C-PSC† P»CḡPrPëPSPë C—C...PSC- PíPµCḡC-PsPrPë
PSP°PíC-PIPIPëPIPµPrPµPSPSCḡ P±C†P»Pë PíPsCḡC-PIPSCḡPSPSPëPjPë.B PḡC-CÍP»Cḡ
PíC-PrC€PeC-CḡPSPsC— C-PSБḡ™ C"PeC†C-C— PíCḡPµPíP°CḡP°C, C† PḡPsP¶PµPs
PḡPsP»PsPḡC, P°Cḡ C†P°CÍ PSP°PíC-PIPIPëPIPµPrPµPSPSCḡ PíPëP·PSP°C†P°C"C, CḡCÍCḡ
C€PIPëPrPeC-CÍC, Cḡ P°P±C†PsCḡP±C†C-C— P· PíC-PrC€PeC-CḡPSPsC—
PeP»C-C, PePsPIPëPSPë. PḡP°CÍ PSP°PíC-PIPIPëPIPµPrPµPSPSCḡ PíCḡPµPíP°CḡP°C, C†
PḡPsP¶PµPs PḡPsP»PsPḡC, P°Cḡ PíC-CÍP»Cḡ PíC-PrC€PeC-CḡPSPsC— C-PSБḡ™ C"PeC†C-C—
C†C, P°PSPsPIPëC, Cḡ 18Бḡ"19 PíPsPrPëPS C- PSPµ P·P°P»PµP¶PëC, Cḡ PIC-Pr PrPsP·Pë
PíCḡPµPíP°CḡP°C, C†.

P"C-C, Pë.

P'C†P»Ps PíCḡPsPIPµPrPµPSPs PíPsPíC†P»CḡC†C-PNëPSPëPNë
C,, P°CḡPjP°PePsPeC-PSPµC, PëC†PSPëPNë P°PSP°P»C-P· PíCḡPµPíP°CḡP°C, C† PḡPsP¶PµPs
PḡPsP»PsPḡC, P°Cḡ PSP° PsC†PSPsPIC- PíPsPeP°P·PSPëPeC-PI PePsPSC†PµPSC, CḡP°C†C-C—
PNëPsPíPs PsC†PSPsPIPSPsPíPs PjPµC, P°P±PsP»C-C, C† M1 C-P· PíPëPePsCḡPëCÍC, P°PSPSCḡPj
PrP°PSPëC..., PsC, CḡPëPjP°PSPëC... PIC-Pr 75 PrC-C, PµPNë (PIC-PePsPj PIC-Pr 6 PrPs < 18
CḡPsPeC-PI), C...PíPsCḡPëC... PSP° C†C†PeCḡPsPIPëPNë PrC-P°P±PµC, 1 C, PëPíC†. P'PíP»PëPI
PjP°CÍPë C, C-P»P° PíP°C†C-C"PSC, P° PSP° PeP»C-CḡPµPSCÍ PíCḡPµPíP°CḡP°C, C† PḡPsP¶PµPs
PḡPsP»PsPḡC, P°Cḡ C" PSPµP»C-PSC-PNëPSPëPj. PíPe PSP°CÍP»C-PrPsPe, PíPíP»PëPI (PḡPḡPḡ
Бḡ PíP»PsC%oP° PíC-Pr PeCḡPëPIPsCḡ PePsPSC†PµPSC, CḡP°C†C-C— PíCḡPµPíP°CḡP°C, C†)
C† PrC-C, PµPNë PrPµC%oPs PSPëP¶C†PëPNë PíPsCḡC-PIPSCḡPSPs P· C, P°PePëPj C†
PrPsCḡPsCÍP»PëC... PíCḡPë PsC, CḡPëPjP°PSPSC- C, C-C"C— P¶ PrPsP·Pë,
C†PePsCḡPëPíPsPIP°PSPsC— P·P° PjP°CÍPsCḡ C, C-P»P°.

P'PμC,P°-P±P»PsPeP°C,PsCḥPë, PeP»PsPSC-PrPëPS, CÍPsP»C- P»C-C,C-Cḥ P°P±Ps
P°P»PePsPiPsP»Cḥ PjPsPḥCíC,Cḥ CḥPe PíPsCÍPëP»CḥPIP°C,Pë, C,P°Pe C-
PiPsCÍP»P°P±P»CḥPIP°C,Pë PiP»CḥPePsP·PsP·PSPëPḥCíPIP°P»CḥPSCí PrC-Cḥ
C-PSCÍCíP»C-PSCí. PμPμPSC,P°PjC-PrPëPS PjPsPḥPμ PIPëPeP»PëPeP°C,Pë
PiC-PíPsPiP»C-PePμPjC-Cḥ, PiC-CÍP»Cḥ CḥPePsC— C-PSPsPrC- PSP°CÍC,P°C"
PiC-PíPμCḥPiP»C-PePμPjC-Cḥ.

Р"С-РiPsPiP»C-РeРuPjC-Сi. Р\$Р°СГ, С‡РuСГРuР· СiРeРeРN‡ СГРsР·РiРeРiР°С"С,С‡СГСi РiC-РiPsPiP»C-РeРuPjC-Сi, Р·Р°Р»»РuР¶РiРeC,С‡ РiC-Рr РiСГРsC„C-Р»СГ РrC-С— C-РSСГСrР»C-РSС-Рi, С%oPs Р·Р°СГС,РsСГРsРiCрСГC,С‡СГСiСi, C- C,РsРjСr РjРsР¶Рu Р·РjC-РSСГРiР°C,РeСГСi РiСГРe Р·РjC-РSС- СГC...РuРjРe Р»C-РeСrРiР°РSРSСi. Р"РsC,СГРeРjСrРiР°C,РeСГСi РsСГРsР±Р»РeРiРsC— РsР±РuСГРuР¶РiРSРSСГС,C- C- РiРsСГРeР»РuРSРs РeРsРSС,СГРsР»СГРiР°C,Рe СГC-РiРuРSС‡ РiР»СГРeРsР·Рe Сr РeСГРsРiC- РrРsС†C-Р»С‡РSРs РiР°C†C-С"РSС,Р°Рj, Сr СiРeРeC... РuРiC-Р·РsРrРe РiC-РiPsPiP»C-РeРuPjC-С— РjРsР¶СrC,С‡ Р±СrC,Рe РsСГРsР±Р»РeРiРs РSРuР±РuР·РiРuС‡РSРeРjРe Р· РeР»C-РSС-С‡РSРsC— C,РsС‡РeРe Р·РsСГСr, C,Р°РeРeРj

PjPsP¶P»PëPIC-ÇŒC,CH PIPëPSPëPePSPµPSPSCŒ ÇŒ PSCHßPsPiPs PïPµCŒC-PsPrPëC‡PSPëC... PSPµPrC-P°PiPSPsÇŒC,PsPIP°PSPëC... (PsÇŒPsP±P»PëPIPs PSC-C‡PSPëC...) PµPïC-P·PsPrC-PI PiC-PïPsPiP»C-PePµPjC-C—.

P”P»CŒ P·PjPµPSC€PµPSPSCŒ CŒPëP·PëPeÇŒ PIPëPSPëPePSPµPSPSCŒ
PiC-PïPsPiP»C-PePµPjC-C— PrÇŒP¶Pµ PIP°P¶P»PëPIPëPjPë C” PrPsC,CŒPëPjP°PSPSCŒ
PïP°C‡C-C”PSC,PsPj PrPsP·Pë PiCŒPµPïP°CŒP°C,ÇŒ, CŒPµP¶PëPjÇŒ C...P°CŒC‡ÇŒPIP°PSPSCŒ,
PiCŒP°PIPëP»CHßPSPsPiPs PIPIPµPrPµPSPSCŒ C-PSCŒÇŒP»C-PSCŒ, P° C,P°PePsP¶
PïPsC-PSC,,PsCŒPjPsPIP°PSC-ÇŒC,CH C...PIPsCŒPsPiPs ÇŒC,PsÇŒPsPIPSPs ÇŒPëPjPïC,PsPjC-PI
PiC-PïPsPiP»C-PePµPjC-C—. P‡ÇŒPSCŒC” CŒCŒPr C,,P°PeC,PsCŒC-PI, CŒPeC-
PïC-PrPIPëC‰ÇŒCŒC,CH ÇŒC...PëP»CHßPSC-ÇŒC,CH PrPs PIPëPSPëPePSPµPSPSCŒ
PiC-PïPsPiP»C-PePµPjC-C— C,P° PIPëPjP°PiP°CŒC,CH CŒPµC,PµP»CHßPSPsPiPs
ÇŒPiPsÇŒC,PµCŒPµP¶PµPSPSCŒ P·P° ÇŒC,P°PSPsPj C...PIPsCŒPsPiPs, P° C-PSPsPrC- C-
PePsCŒPµPeC‡C-C— PrPsP·Pë PiCŒPµPïP°CŒP°C,ÇŒ. P”Ps PSPëC... PSP°P»PµP¶P°C,CHß:

-B B P·PjC-PSP° PjC-ÇŒC‡CŒ PIPIPµPrPµPSPSCŒ C-PSCŒÇŒP»C-PSCŒ,

-B B PïC-PrPIPëC‰PµPSPSCŒ C‡ÇŒC,P»PëPIPsÇŒC,C- PrPs C-PSCŒÇŒP»C-PSCŒ
(PSP°PiCŒPëPeP»P°Pr, PiCŒPë ÇŒÇŒÇŒPSPµPSPSC- ÇŒC,CŒPµÇŒPsPIPëC... C,,P°PeC,PsCŒC-PI),

-B B PSPµP·PIPëC‡PSPµ, PSP°PrPjC-CŒPSPµ P°P±Ps C,CŒPëPIP°P»Pµ C,,C-P·PëC‡PSPµ
PSP°PIP°PSC,P°P¶PµPSPSCŒ,

-B B ÇŒÇŒPïÇŒC,PSC” P·P°C...PIPsCŒCHßPIP°PSPSCŒ, C‰Ps
ÇŒÇŒPiCŒPsPIPPrP¶ÇŒC”C,CHÇŒCŒ P±P»CHßPIP°PSPSCŒPj, PiCŒPsPSPsÇŒPsPj,

-B B PSPµCŒP°C‡C-PsPSP°P»CHßPSPµ C...P°CŒC‡ÇŒPIP°PSPSCŒ,

-B B PiCŒPsPiÇŒÇŒPe PiCŒPëPµPsPjÇŒ C—P¶C-,

-B B PIP¶PëPIP°PSPSCŒ P°P»PePsPiPsP»CH,

-B B PrPµCŒPeC- PïPsCŒÇŒC€PµPSPSCŒ PµPSPPrPsPeCŒPëPSPSPsC— ÇŒPëÇŒC,PµPjPë
(PSP°PiCŒPëPeP»P°Pr PiC-PïPsC,PëCŒPµPsP·, PSPµPrPsÇŒC,P°C,PSC-ÇŒC,CH
P°PrPµPSPsPiC-PïPsC,,C-P·P° C‡Pë PePsCŒPë PSP°PrPSPëCŒPePsPIPëC... P·P°P»PsP·) ÇŒ
ÇŒC,P°PrC-C— PrPµPePsPjPïPµPSCŒP°C‡C-C—,

-B B PsPrPSPsC‡P°ÇŒPSPµ P·P°ÇŒC,PsÇŒÇŒPIP°PSPSCŒ PrPµCŒPePëC... C-PSC€PëC...
P»C-PeP°CŒÇŒCHßPePëC... P·P°ÇŒPsP±C-PI (PrPëPI. CŒPsP·PrC-P» B«P’P·P°C”PjPsPrC-CŒ P·
C-PSC€PëPjPë P»C-PeP°CŒÇŒCHßPePëPjPë P·P°ÇŒPsP±P°PjPë C,P° C-PSC€C- PIPëPrPë
PIP·P°C”PjPsPrC-PµB»).

PµPµCŒPµPIPµPrPµPSPSCŒ P· C-PSCŒÇŒP»C-PSCŒ PiP»P°CŒPiC-PSCŒ 100 PµPr./PjP» PSP°
PiCŒPµPïP°CŒP°C, PŸPsP¶PµPs PŸPsP»PsPŸC,P°CŒ C- PSP°PIPïP°PePë. PµÇŒPeC-P»CHßPePë
C-PSCŒÇŒP»C-PS PiP»P°CŒPiC-PS 100 PµPr./PjP» C- PiCŒPµPïP°CŒP°C, PŸPsP¶PµPs
PŸPsP»PsPŸC,P°CŒ PSPµ P±C-PsPµPePIC-PIP°P»PµPSC,PSC- C- PSPµ
PIP·P°C”PjPsP·P°PjC-PSPSC-, PïPµCŒPµC...C-Pr P· PsPrPSPsPiPs PiCŒPµPïP°CŒP°C,ÇŒ PSP°
C-PSC€PëPµ PjPsP¶Pµ PsP±ÇŒPjPsPIPëC,Pë PïPsC,CŒPµP±ÇŒ ÇŒ P·PjC-PSC- PrPsP·Pë C- PjP°C”
PIPëPePsPSCŒPIP°C,PëÇŒCŒ P»PëC€Pµ PiC-Pr CŒPµC,PµP»CHßPSPëPj PjPµPrPëC‡PSPëPj
PSP°PiP»CŒPrPsPj (PrPëPI. CŒPsP·PrC-P» B«PŸPiPsÇŒC-P± P·P°ÇŒC,PsÇŒÇŒPIP°PSPSCŒ C,P°
PrPsP·PëB»).

PµPµCŒPµPIPµPrPµPSPSCŒ PïP°C‡C-C”PSC,P° P· C-PSC€PëC... C-PSCŒÇŒP»C-PSC-PI PSP°

P"PsPiPsPjC-P¶PSC- C¶PµC±PsPIPëPSPë. P|PµPNë P»C-PeP°C¶C¶C¶C¶PePëPNë P·P°C¶C-P±
PjC-C¶C,PëC,CH PjPµPSCëPµ 1 PjPjPsP»CH PSP°C,C¶C-C¶ (23 PjPi) PSP° PsPrPSCr
PrPsP·Cr, C,PsP±C,Ps PIC-PS PiC¶P°PeC,PëC±PSPs PSPµ PjC-C¶C,PëC,CH
PSP°C,C¶C-C¶.

P—P°C¶C,PsC¶C¿PIP°PSPSC¶ C¿ PiPµC¶C-PsPr PIP°PiC-C,PSPsC¶C,C- P°P±Ps
PiPsPrC¿PIP°PSPSC¶ PiC¶C¿PrPrC¶.

P'P°PiC-C,PSC-C¶C,CH. PkPµ C-C¶PSCrC" PeP»C-PSC-C±PSPsPiPs PrPsC¶PIC-PrCr
P·P°C¶C,PsC¶C¶PIP°PSPSC¶ PiC¶PµPiP°C¶P°C,Cr PÿPsP¶PµPs PÿPsP»PsPÿC,P°C¶
PIP°PiC-C,PSPëPj P¶C-PSPeP°Pj. PkPµ C-C¶PSCrC" PeP»C-PSC-C±PSPëC... PrP°PSPëC...,
PsC,C¶PëPjP°PSPëC... Cr C...PsPrC- PePsPSC,C¶PsP»CHPsPiP°PSPëC... PeP»C-PSC-C±PSPëC...
PrPsC¶P»C-PrP¶PµPSC¶, C¶C,PsC¶PsPIPSPs P·P°C¶C,PsC¶C¶PIP°PSPSC¶ C-PSCrC¶P»C-PSCr
PiP»P°C¶PiC-PSCr Cr PiPµC¶C-PsPr PIP°PiC-C,PSPsC¶C,C-. P'PµP»PëPePëPNë PsP±C¶C¶Pi
PrP°PSPëC... C°PsPrPs P·P°C¶C,PsC¶C¶PIP°PSPSC¶ C±CHPsPiPs PiC¶PµPiP°C¶P°C,Cr
PIP°PiC-C,PSPëPj P¶C-PSPeP°Pj (P±C-P»CHCëPµ 1000 PIPëPiP°PrPeC-PI PIP°PiC-C,PSPsC¶C,C-
PiC¶Pë P·P°C¶C,PsC¶C¶PIP°PSPSC- P»C-PeP°C¶C¶C¶PePsPiPs P·P°C¶PsP±Cr, C°Ps
PjC-C¶C,PëC,CH C-PSCrC¶P»C-PSCr PiP»P°C¶PiC-PSCr 100 PhPr./PjP») PIPeP°P·CrC" PSP°
C,Pµ, C°Ps C-PSCrC¶P»C-PS PiP»P°C¶PiC-PS PSPµ PIPëC¶PIP»C¶C"
C¶PiPµC±PëC,,C-C±PSPëC... PSPµP±P°P¶P°PSPëC... PIPiP»PëPIC-PI PSP° PiPµC¶PµP±C-Pi
PIP°PiC-C,PSPsC¶C,C-, P° C,P°PePsP¶ PSPµ C¶PiC¶PëC±PëPSC¶C" P°PSC- PIP°Pr
C¶PsP·PIPëC,PeCr Cr PiP»PsPrP°/PSPsPiPsPSP°C¶PsPrP¶PµPSPsPiPs, P°PSC-
C,PsPeC¶PëC±PSPsPiPs PIPiP»PëPICr PSP° PSCHPsPiPs. P"PsC¶P»C-PrP¶PµPSPSC¶ PSP°
P»P°P±PsC¶P°C,PsC¶PSPëC... C,PIP°C¶PëPSP°C... PSPµ PIPëC¶PIPëP»Pë PsP·PSP°Pe
C¶PµPiC¶PsPrCrPeC,PëPIPSpC— C,PsPeC¶PëC±PSPsC¶C,C-. PµC¶PµPiP°C¶P°C, PÿPsP¶PµPs
PÿPsP»PsPÿC,P°C¶ PjPsP¶PSP° PiC¶PëP·PSP°C±P°C,Pë PiC-Pr C±P°C¶ PIP°PiC-C,PSPsC¶C,C-
C¶PeC°Ps Cr C±CHPsPjCr P»C-PeCrPIP°PSPSC- C" PiPsC,C¶PµP±P°.

P"P»C¶ P·P°PiPsP±C-PiP°PSPSC¶ PSPµP±P°P¶P°PSPëC... PSP°C¶P»C-PrPeC-PI,
PiPsPiB¶™ C¶P·P°PSPëC... P· PIPëPSPëPePSPµPSPSC¶Pj PiC-PiPµC¶PiP»C-PePµPjC-C—,
PiP°C±C-C"PSC,PeP°Pj, C...PIPsC¶PëPj PSP° C±CrPeC¶PsPiPëPNë PrC-P°P±PµC,, C°Ps
PIPëPSPëPe PrPs PIP°PiC-C,PSPsC¶C,C-, P°P±Ps P· PiPµC¶C,P°C±C-PNëPSPëPj PrC-P°P±PµC,PsPj
CrPiC¶PsPrPsPIP¶ CrC¶CHPsPiPs PiPµC¶C-PsPrCr PIP°PiC-C,PSPsC¶C,C- PrCrP¶Pµ
PIP°P¶P»PëPiPs PiC-PrC,C¶PëPjCrPIP°C,Pë PSP°P»PµP¶PSPëPNë PjPµC,P°P±PsP»C-C±PSPëPNë
PePsPSC,C¶PsP»CH. PµPsC,C¶PµP±P° PI C-PSCrC¶P»C-PSC- PjPsP¶Pµ
P·PjPµPSCëCrPIP°C,PëC¶C¶ PiC¶PsC,C¶PiPsPj P† C,C¶PëPjPµC¶C,C¶Cr PIP°PiC-C,PSPsC¶C,C-
C,P°, C¶Pe PiC¶P°PIPëP»Ps, P·C¶PsC¶C,P°C" PiC¶PsC,C¶PiPsPj II C,P° P†P†P†
C,C¶PëPjPµC¶C,C¶C-PI. PhPrC¶P°P·Cr PiC-C¶P»C¶ PiPsP»PsPiC-PI PiPsC,C¶PµP±P° PI
C-PSCrC¶P»C-PSC- C¶C-P·PePs P·PSPëP¶CrC"C,CHC¶C¶ (P·P±C-P»CHCëCrC"C,CHC¶C¶
C¶PëP·PëPe PIPëPSPëPePSPµPSPSC¶ PiC-PiPsPiP»C-PePµPjC-C—). PÿPsPjCr PrCrP¶Pµ
PIP°P¶P»PëPiPµ P·PSP°C±PµPSPSC¶ PjP°C" C¶PµC,PµP»CHPSPëPNë PePsPSC,C¶PsP»CH
C¶C-PIPSC¶ PiP»CHPePsP·Pë Cr PeC¶PsPIC-.

P"PsPrC¿PIP°PSPSC¶ PiC¶C¿PrPrC¶. P"PsC,PµPiPµC¶ PSPµPIC-PrPsPjPs, C±Pë
PµPeC¶PeC¶PµC,CrC"C,CHC¶C¶ C-PSCrC¶P»C-PS PiP»P°C¶PiC-PS Cr PiC¶CrPrPSPµ
PjPsP»PsPePs. P'PëPSPëPePSPµPSPSC¶ P±CrPrCH-C¶PePëC...
PjPµC,P°P±PsP»C-C±PSPëC... PµC,,PµPeC,C-PI, C¶PiC¶PëC±PëPSPµPSPëC...
PiC¶PsPSPëPePSPµPSPSC¶Pj C-PSCrC¶P»C-PSCr PiP»P°C¶PiC-PSCr PI
PsC¶PiP°PSC-P·Pj PSPsPiPsPSP°C¶PsPrP¶PµPSPsPiPs/PSPµPjPsPIP»C¶C,Pë C-P·

PiCḡCřPrPSPëPj PjPsP»PsPePsPj PiCḡPë PiPsPrCřPIP°PSPSC-, PSPµ
PsC±C-PeCřC" C,CHCřCḡ, PsCřPeC-P»CHPePë C-PSCřCřP»C-PS PiP»P°CḡPiC-PS C"
PiPµPiC,PëPrPsPj, CḡPePëPNë Cř CëP»CřPSPePsPIPs-PePëCëPePsPIPsPjCř C,CḡP°PeC,C-
P»CḡPrPëPSPë CḡPsP·C%oPµPiP»CḡC" C,CHCřCḡ PSP° P°PjC-PSPsPePëCřP»PsC,Pë.
P-C-PSPePë PiC-Pr C±P°Cř PiCḡCřPrPSPsPiPs PiPsPrCřPIP°PSPSCḡ PjPsPḡCřC,CH
PiPsC,CḡPµP±CřPIP°C,Pë PePsCḡPµPeC†C-C— PrPsP·Pë PiCḡPµPiP°CḡP°C,Cř C,P°
PrC-C"C,Pë.

B PαPµCḡC,PëP»CHPSC-CřC,CH. P"PsCřP»C-PrPḡPµPSPSCḡ PSP°
P»P°P±PsCḡP°C,PsCḡPSPëC... C,PIP°CḡPëPSP°C... PSPµ PIPëCḡPIPëP»Pë
P±PµP·PiPsCřPµCḡPµPrPSCḡPsPiPs CëPeC-PrP»PëPIPsPiPs PIPiP»PëPICř PSP°B
C,,PµCḡC,PëP»CHPSC-CřC,CH.

P—PrP°C,PSC-CřC,CH PIPiP»PëPIP°C,Pë PSP° CëPIPëPrPeC-CřC,CH CḡPµP°PeC†C-C— PiCḡPë
PePµCḡCřPIP°PSPSC- P°PIC,PsC,CḡP°PSCřPiPsCḡC,PsPj P°P±Ps C-PSCëPëPjPë
PjPµC...P°PSC-P·PjP°PjPë. P—PrP°C,PSC-CřC,CH PiP°C†C-C"PSC,P° PrPs
PePsPSC†PµPSC,CḡP°C†C-C— CřPIP°PiPë C,P° CëPIPëPrPeC-CřC,CH PNëPsPiPs
CḡPµP°PeC†C-C— PjPsPḡCřC,CH PiPsCḡCřCëCřPIP°C,PëCřCḡ PIPSP°CřP»C-PrPsPe
PIPëPSPëPePSPµPSPSCḡ PiC-PiPsPiP»C-PePµPjC-C— C±Pë
PiC-PiPµCḡPiP»C-PePµPjC-C— P°P±Ps, PSP°PiCḡPëPeP»P°Pr, CřPSP°CřP»C-PrPsPe
P·PsCḡPsPIPëC... CḡPsP·P»P°PrC-PI. PiPµ PjPsPḡPµ P±CřC,Pë PSPµP±PµP·PiPµC±PSPëPj
Cř C,PëC... CřPëC,CřP°C†C-CḡC..., PePsP»Pë C†C- CḡPePsCřC,C- C" PsCřPsP±P»PëPIPs
PIP°PḡP»PëPIPëPjPë (PSP°PiCḡPëPeP»P°Pr, PiC-Pr C±P°Cř PePµCḡCřPIP°PSPSCḡ
C,CḡP°PSCřPiPsCḡC,PSPëPjPë P·P°CřPsP±P°PjPë P°P±Ps CḡPsP±PsC,Pë P·
C-PSCëPëPjPë PjPµC...P°PSC-P·PjP°PjPë).

PµP°C†C-C"PSC,P°Pj PSPµPsP±C...C-PrPSPs PiPsCḡP°PrPëC,Pë PIPḡPëPIP°C,Pë
PSPµPsP±C...C-PrPSPëC... P·P°PiPsP±C-PḡPSPëC... P·P°C...PsPrC-PI P· PjPµC,PsCḡ
CřPSPëPePSPµPSPSCḡ PiC-PiPsPiP»C-PePµPjC-C— PiC-Pr C±P°Cř PePµCḡCřPIP°PSPSCḡ
C,CḡP°PSCřPiPsCḡC,PSPëPj P·P°CřPsP±PsPj. PiPµ C" PsCřPsP±P»PëPIPs PIP°PḡP»PëPIPëPj
PrP»Cḡ C,PëC... PiP°C†C-C"PSC,C-PI, Cř CḡPePëC... PiPµCḡCëC- PsP·PSP°PePë
CḡPsP·PIPëC,PeCř PiC-PiPsPiP»C-PePµPjC-C— C" CřP»P°P±PePs PIPëCḡP°PḡPµPSPëPjPë P°P±Ps
PIP·P°PiP°P»C- PIC-PrCřCřC,PSC-, P° C,P°PePsPḡ PrP»Cḡ C,PëC... C...PIPsCḡPëC..., Cř
CḡPePëC... C±P°CřC,Ps PIPëPSPëPeP°C" PiC-PiPsPiP»C-PePµPjC-Cḡ. PŸP»C-Pr
CḡPµC,PµP»CHPSPs P·PIP°PḡPëC,Pë, C±Pë PIP°CḡC,Ps CřC-PrP°C,Pë P·P° PePµCḡPjPs P°P±Ps
PiCḡP°C†CḡPIP°C,Pë P· C-PSCëPëPjPë PjPµC...P°PSC-P·PjP°PjPë Cř C,P°PePsPjCř CřC,P°PSC-.

PŸPiPsCřC-P± P·P°CřC,PsCřCřPIP°PSPSCḡ C,P° PrPsP·Pë.

P"PsP·CřPIP°PSPSCḡ. PµCḡPµPiP°CḡP°C, PŸPsPḡPµPs PŸPsP»PsPŸC,P°Cḡ C"
P±P°P·P°P»CHPSPëPjB PiCḡPµPiP°CḡP°C,PsPj C-PSCřCřP»C-PSCř PrP»Cḡ PIPiPµPrPµPSPSCḡ
PsPrPëPS CḡP°P· PSP° PrPsP±Cř Cř P±CřPrCH-CḡPePëPNë C±P°Cř PrPsP±Pë, P°P»Pµ
P±P°PḡP°PSPs PePsPḡPµPS PrPµPSCḡ PI PsPrPëPS C- C,PsPNë CřP°PjPëPNë C±P°Cř.

PŸC...PµPjCř PIPiPµPrPµPSPSCḡ PiCḡPµPiP°CḡP°C,Cř (PrPsP·Cř C,P° C±P°Cř
PIPiPµPrPµPSPSCḡ) CřP»C-Pr PiC-PrP±PëCḡP°C,Pë P·PiC-PrPSPs P·
C-PSPPrPëPIC-PrCřP°P»CHPSPsCḡ PIC-PrPiPsPIC-PrPrCḡ C...PIPsCḡPsPiPs PSP°

P»C-PeCfPIP°PSPSCl.

PμCfPē C†CfPeCfPsPIPsPjCf PrC-P°P±PμC,C- 1 C,PēPīCf PīCfPμPīP°CfP°C, PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cf C†P»C-Pr P·P°C†C,PsC†PsPICfPIP°C,Pē C† PePsPjP±C-PSP°C†C-C— P·C-PSC†C†P»C-PSPsPj PePsCfPsC,PePsC— PrC-C—/ CēPIPēPrPePsC— PrC-C— PrP»C† C† P·P°P±PμP·PīPμC†PμPSPSCl PīPsC,CfPμP±Pē PI C-PSC†C†P»C-PSC- PīC-C†P»C† PīCfPēPNēPsPjC-PI C—P¶C-.

PμP°C†C-C”PSC,P°Pj, C...PIPsCfPēPj PSP° C†CfPeCfPsPIPēPNē PrC-P°P±PμC, 2 C,PēPīCf, PīCfPμPīP°CfP°C, PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cf C,P°PePsP¶ PjPsP¶PSP° P·P°C†C,PsC†PsPICfPIP°C,Pē PsPrPSPsC†P°C†PSPs P· PīPμCfPsCfP°P»CHPSPēPjPē PīCfPsC,PēPrC-P°P±PμC,PēC†PSPēPjPē P»C-PeP°CfC†CHPePēPjPē P·P°C†PsP±P°PjPē.

PŷPēP»P° PrC-C— C†CHPsPiPs P»C-PeP°CfC†CHPePsPiPs P·P°C†PsP±C† PIPēCfP°P¶P°C,CfC†C† PI PsPrPēPSPēC†C†C.... P†C- PsPrPēPSPēC†C- P·P°C†C,PsC†PsPICfCfC,CHC†C† PIPēPSClC,PePsPIPs PrP»C† PīCfPμPīP°CfP°C,C† PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cf C- PIC-PrCfC-P·PSClCfC,CHC†C† PIC-Pr PħPħ C†Pē PsPrPēPSPēC†CH, PI C†PePēC... PIPēCfP°P¶P°C,CfC†C† C†PēP»P° PrC-C— C-PSCēPēC... P°PSP°P»PsPiC-PI C-PSC†C†P»C-PSC (PrPēPI. CfPsP·PrC-P» B«PαP°CfPjP°PePsPrPēPSP°PjC-PeP°B»).

P”PSC†C†PeC-C†C,CH C†P°C†C† PIPμPrPμPSPSCl. P—P° PSPμPsP±C...C-PrPSPsC†C,C- PīP°C†C-C”PSC,Pē PjPsP¶C†C,CH PIPμPsPrPēC,Pē PīCfPμPīP°CfP°C, PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cf PI C-PSC,PμCfPIP°P»C- PrPs 3 PīPsPrPēPS PrPs P°P±Ps PīC-C†P»C† C—C...PSCfPsPiPs P·PIPēC†P°PNēPSPsPiPs C†P°C†C† PIPμPrPμPSPSCl PīCfPμPīP°CfP°C,C† (PrPēPI. CfPsP·PrC-P» B«PαP°CfPjP°PePsPrPēPSP°PjC-PeP°B»).
PμP°C†C-C”PSC,P°Pj, C†PeC- P·P°P±C†PIP°CfC,CH PIPμPsPrPēC,Pē PrPsP·C† PīCfPμPīP°CfP°C,C†, CfPμPePsPjPμPSPrC†C”C,CHC†C† C†P°C†C,C-CēPμ PīPμCfPμPIC-CfC†C,Pē C† C†PμP±Pμ CfC-PIPμPSCf C†C†PeCfC† PI PeCfPsPIC- C- PīC-C†P»C† C†CHPsPiPs PīPsPIPμCfPSC†C,PēC†C† PrPs C†PIPμC”C— P·PIPēC†P°PNēPSPsC— C†C...PμPjPē PIPμPrPμPSPSCl PīCfPμPīP°CfP°C,C† PsPrPēPS CfP°P· PSP° PrPsP±C†. PμP°C†C-C”PSC,C-PI C†P»C-Pr P·P°C†C,PμCfPμPiC,Pē PIC-Pr PIPμPrPμPSPSCl PīPsPrPIC-PNēPSPsC— PrPsP·Pē PīCfPμPīP°CfP°C,C† PrP»C† PePsPjPīPμPSC†P°C†C-C— PīCfPsPīC†C%PμPSPsC— PrPsP·Pē.

PμP°C†C-C”PSC,Pē, C...PIPsCfC- PSP° C†C†PeCfPsPIPēPNē PrC-P°P±PμC, 1 C,PēPīCé.
PμCfPμPīP°CfP°C, PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cf PīPsC,CfPμP±C†C”
C-PSPrPēPIC-PrC†P°P»CHPSPsPiPs PīC-PrP±PsCfC† PrPsP·C†PIP°PSPSCl C- PjP°C”
P·P°C†C,PsC†PsPICfPIP°C,PēC†C† 1 CfP°P· PSP° PrPsP±C† CfP°P·PsPj P· C-PSC†C†P»C-PSPsPj PePsCfPsC,PePsC— PrC-C—.

PμP°C†C-C”PSC,Pē, C...PIPsCfC- PSP° C†C†PeCfPsPIPēPNē PrC-P°P±PμC, 2 C,PēPīCé.
P PμPePsPjPμPSPrPsPIP°PSP° PīPsC†P°C,PePsPIP° PrPsP±PsPIP° PrPsP·P° C†C,P°PSPsPIPēC,CH 0,2 PsPrPēPSPēC†C-/PePi P· PīPsPrP°P»CHCēPēPj C-PSPrPēPIC-PrC†P°P»CHPSPēPj C—C— PePsCfPēPīC†PIP°PSPSClPj.

PμPμCfPμC...C-Pr P· PīCfPμPīP°CfP°C,C† C-PSC†C†P»C-PSC† PīP»P°CfPiC-PSC† 100 PħPr./PjP» PSP° PīCfPμPīP°CfP°C, PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cf C- PSP°PIPīP°PePē.
P†PSC†C†P»C-PS PīP»P°CfPiC-PS 100 PħPr./PjP» C- PīCfPμPīP°CfP°C, PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cf PSPμ P±C-PsPμPePIC-PIP°P»PμPSC,PSC- C- PSPμ PIP·P°C”PjPsP·P°PjC-PSPSC-. PμPμCfPμC...C-Pr P· C-PSC†C†P»C-PSC† PīP»P°CfPiC-PSC† 100

PhPr./PjP» PSP° PīCḡPμPīP°CḡP°C, PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cḡ PjPsP¶P»PēPIPēPNē P·C-
P·P±PμCḡPμP¶PμPSPSC¶Pj C,PsC±PSPsC— PrPsP·Pē Cr PsPrPēPSPēC†C¶C..., PīCḡPsC,Pμ
PrP»C¶ PrPsC†C¶PīPSPμPSPSC¶ C†C-P»CHbSPiPsPiPs PrC-P°PīP°P·PsPSCr CḡC-PIPSC-PI
PīP»CḡPePsP·Pē Pī PīP»P°P·PjC- PeCḡPsPIC- PjPsP¶Pμ P±C†C,Pē PīPsC,CḡC-P±PSPμ
P·P°C†C,PsC†C†PīP°PSPSC¶ P±C-P»CHbCē PIPēC†PsPePsC— (PīCḡPēP±P»PēP·PSPs PSP°
10bḡ“18 %) PrPsP·Pē PīCḡPμPīP°CḡP°C,Cr PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cḡ. PμCḡPē
PīPμCḡPμPIPμPrPμPSPSC- PīP°C†C-C”PSC,P° P· PīCḡPμPīP°CḡP°C,Cr PŷPsP¶PμPs
PŷPsP»PsPŷC,P°Cḡ PSP° C-PSC†C†P»C-PS PīP»P°CḡPīC-PS 100 PhPr./PjP»
PSPμPsP±C...C-PrPSPs P·PSPēP·PēC,Pē PrPsP·Cr (PīCḡPēP±P»PēP·PSPs PSP° 20 %) PrP»C¶
P·PjPμPSCēPμPSPSC¶ CḡPēP·PēPeCr PīC-PīPsPiP»C-PePμPjC-C—. PμC-Pr C†P°C†
PīPμCḡPμC...PsPrCr C,P° PīCḡPsC,C¶PīPsPj PīPμCḡCēPēC... C,PēP¶PSC-PI PīC-C†P»C¶
PīPμCḡPμC...PsPrCr CḡPμPePsPjPμPSPrCrC”C,CHbC†C¶ CḡPμC,PμP»CHbPSPs
PePsPSC,CḡPsP»CḡPIP°C,Pē PjPμC,P°P±PsP»C-C†PSC- PīPsPeP°P·PSPēPePē.

PμPμCḡPμC...C-Pr P· C-PSCēPēC... P±P°P·P°P»CHbPSPēC... C-PSC†C†P»C-PSC-PI PSP°
PīCḡPμPīP°CḡP°C, PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cḡ. PμCḡPē PīPμCḡPμC...PsPrC- PIC-Pr
C†C...PμPj P»C-PeCrPīP°PSPSC¶ C-PSC†C†P»C-PSP°PjPē C†PμCḡPμPrPSCḡPsC—
C,CḡPēPīP°P»PsC†C,C- PrC-C— P°P±Ps C,CḡPēPīP°P»PsC— PrC-C— PSP° C†C...PμPjCr
P»C-PeCrPīP°PSPSC¶ PīCḡPμPīP°CḡP°C,PsPj PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cḡ PjPsP¶Pμ
PIPēPSPēPePSCrC,Pē PīPsC,CḡPμP±P° Cr P·PjC-PSC- PrPsP·Pē P±P°P·P°P»CHbPSPsPiPs
C-PSC†C†P»C-PSCr, P° C,P°PePsP¶ Cr PePsCḡPμPeC†C-C— C†C†PīCrC,PSCHbPsC—
PīCḡPsC,PēPrC-P°P±PμC,PēC±PSPsC— C,PμCḡP°PīC-C— (PrPsP· C- C†P°C†Cr
PIPIPμPrPμPSPSC¶ PrPsPrP°C,PePsPiPs P·P°C†C,PsC†PsPīP°PSPēC... PīCḡPsC†C,PēC...
C-PSC†C†P»C-PSC-PI P°P±Ps P°PSP°P»PsPiC-PI C-PSC†C†P»C-PSCr CēPIPēPrPePsC— PrC-C—
C†Pē PrPsP· PSPμC-PSC†C†P»C-PSPsPīPēC... PīCḡPsC,PēPrC-P°P±PμC,PēC±PSPēC...
P»C-PeP°CḡC†CHbPePēC... P·P°C†PsP±C-PI).

P—P°PjC-PSCr P±P°P·P°P»CHbPSPēC... C-PSC†C†P»C-PSC-PI, C¶PeC- PIPiPsPrC¶C,CHbC†C¶
PsPrPēPS CḡP°P· PSP° PrPsP±Cr, PSP° PīCḡPμPīP°CḡP°C, PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cḡ 1
CḡP°P· PSP° PrPsP±Cr PjPsP¶PSP° PIPēPePsPSCrPīP°C,Pē CēP»C¶C...PsPj P·P°PjC-PSPē PSP°
C,Cr P¶ PeC-P»CHbPeC-C†C,CHb PsPrPēPSPēC†CHb PīPsPīPμCḡPμPrPSCḡPsC— PrPsP·Pē
PīCḡPμPīP°CḡP°C,Cr P±P°P·P°P»CHbPSPsPiPs C-PSC†C†P»C-PSCr.

Pj CḡP°P·C- P·P°PjC-PSPē P±P°P·P°P»CHbPSPēC... C-PSC†C†P»C-PSC-PI, C¶PeC-
PIPIPsPrC¶C,CHbC†C¶ PrPIC-C†C- PSP° PrPsP±Cr, PSP° PīCḡPμPīP°CḡP°C, PŷPsP¶PμPs
PŷPsP»PsPŷC,P°Cḡ 1 CḡP°P· PSP° PrPsP±Cr CḡPμPePsPjPμPSPrPsPīP°PSP° PīPsC†P°C,PePsPīP°
PrPsP·P° PīCḡPμPīP°CḡP°C,Cr PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cḡ C†C,P°PSPsPīPēC,CHb 80 %
PIC-Pr PīPsPīPSPsC— PrPsP±PsPīPsC— PrPsP·Pē PīPsPīPμCḡPμPrPSCḡPsPiPs
PīCḡPμPīP°CḡP°C,Cr P±P°P·P°P»CHbPSPsPiPs C-PSC†C†P»C-PSCr, PīCḡPēPNēPsPj C¶PePsPiPs
PīCḡPēPīPēPSC¶C”C,CHbC†C¶.

Pj PīP°C†C-C”PSC,C-PI, C¶PeC- PsC,CḡPēPjCrCḡC,CHb PIPēC†PsPeC- PrPsP·Pē
C-PSC†C†P»C-PSCr PIPSP°C†P»C-PrPsPe PSP°C¶PIPSPsC†C,C- P°PSC,PēC,C-P» PrPs
P»CḡPrC†CHbPePsPiPs C-PSC†C†P»C-PSCr, PīCḡPē PīPμCḡPμC...PsPrC- PSP° PīCḡPμPīP°CḡP°C,
PŷPsP¶PμPs PŷPsP»PsPŷC,P°Cḡ PjPsP¶P»PēPIPμ PīPsPeCḡP°C%PμPSPSC¶ PIC-PrPīPsPIC-PrC-
PSP° PIPiPμPrPμPSPSC¶ C-PSC†C†P»C-PSCr.

PμC-Pr C†P°C† PīPμCḡPμC...PsPrCr PSP° C-PSCēPēPNē PīCḡPμPīP°CḡP°C, C,P°
PIPīCḡPsPrPsPīP¶ PīPμCḡCēPēC... C,PēP¶PSC-PI PīC-C†P»C¶ C†CHbPsPiPs
CḡPμPePsPjPμPSPrCrC”C,CHbC†C¶ CḡPμC,PμP»CHbPSPs PePsPSC,CḡPsP»CḡPIP°C,Pē
PjPμC,P°P±PsP»C-C†PSC- PīPsPeP°P·PSPēPePē C...PIPsCḡPsPiPs.

PsPrPSC-C''C— PrC-P»CIPSPePë, C%PsP± P·PjPμPSC€PëC,Pë CḡPëP·PëPe CḡPsP·PIPëC,PeCf P»C-PiPsPrPëCfC,CḡPsC,,C-C— C,P° P°PjC-P»PsC—PrPsP·Cf C€PeC-CḡPë (PrPëPI. CḡPsP·PrC-P»Pë B B«PhCfPsP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCIB» C,P° B«PμPsP±C-C‡PSC- CḡPμP°PeC†C-C—B»).

PkPμ PrPsP·PIPsP»CIC''C,CHCfCfCf PIPSCfC,CḡC-C€PSCḡPsPIPμPSPSPμ PIPμPrPμPSPSCf PīCḡPμPīP°CḡP°C,Cf PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ. PμPsPrPsPIP¶PμPSP° C,CḡPëPIP°P»C-CfC,CH PrC-C— PīCḡPμPīP°CḡP°C,Cf C'' P·P°P»PμP¶PSPsCḡ PIC-Pr PNePsPiPs PIPμPrPμPSPSCf Cf PīC-PrC€PeC-CḡPSCf C,PeP°PSPëPSCf. P'PSCfC,CḡC-C€PSCḡPsPIPμPSPSPμ PIPμPrPμPSPSCf P·PIPëC‡P°PNePSPsC— PīC-PrC€PeC-CḡPSPsC— PrPsP·Pë PīCḡPμPīP°CḡP°C,Cf PjPsP¶Pμ PīCḡPëP·PIPμCfC,Pë PrPs C,CIP¶PePsC— PīC-PiPsPiP»C-PePμPjC-C—.

PμCḡPμPīP°CḡP°C, PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ PSPμ PjPsP¶PSP° P·P°CfC,PsCfPsPICfPIP°C,Pë P·P° PrPsPiPsPjPsPiPsCḡ C-PSC,,CfP·C-PNePSPëC... C-PSCfCfP»C-PSPsPIPëC... PiPsPjPi.

PJ PIC-PePSC- PrPsP·CfPIP°PSPSCf PīPsPeP°P·P°PSPs PeC-P»CHPeC-CfC,CH PsPrPëPSPëC†CH PīCḡPμPīP°CḡP°C,Cf PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ, CIPeP° PIPμPsPrPëC,CHCfCfCf. PμPsPiPμCḡPμPrPSCḡPs PSP°PīPsPIPSPμPSP° C€PīCḡPëC†-CḡCfC‡PeP° PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ CfPīPμC†C-P°P»CHPSPs CḡPsP·CḡPsP±P»PμPSP° PrP»Cf PīCḡPμPīP°CḡP°C,Cf PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ, C,PsPjCf PīPμCḡPμCḡP°C...PsPICfPIP°C,Pë PrPsP·Cf PrP»Cf PePsP¶PSPsC— C€PīCḡPëC†-CḡCfC‡PePë PSPμ PīPsC,CḡC-P±PSPs.

PμPμCḡC€ PSC-P¶ PIPëPePsCḡPëCfC,PsPICfPIP°C,Pë PīPsPiPμCḡPμPrPSCḡPs PSP°PīPsPIPSPμPSCf C€PīCḡPëC†-CḡCfC‡PeCf PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ, PSPμPsP±C...C-PrPSPs PsP·PSP°PNePsPjPëC,PëCfCfCf P· C-PSCfC,CḡCfPeC†C-CIPjPë C%PsPrPs PIPëPePsCḡPëCfC,P°PSPSCf (PrPëPI. PīC-PrCḡPsP·PrC-P» B«PhCfPsP±P»PëPIC- P·P°CfC,PμCḡPμP¶PμPSPSCf PīCḡPë PIPëPePsCḡPëCfC,P°PSPSC- PīCḡPμPīP°CḡP°C,CfB»).

P—P° PrPsPiPsPjPsPiPsCḡ PīPsPiPμCḡPμPrPSCḡPs PSP°PīPsPIPSPμPSPsC— C€PīCḡPëC†- CḡCfC‡PePë PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ P·P° PsPrPSCf C-PSbḡ™ C''PeC†C-CH PjPsP¶PSP° PIPμPsPrPëC,Pë PrPsP·Cf PIC-Pr 1 PrPs 80 PsPrPëPSPëC†CH P· PeCḡPsPePsPj PīC-PrP±PsCḡCf PrPsP·Pë PI 1 PsPrPëPSPëC†CH.B PJ PIC-PePsPSC†C- PrPsP·Pë PIC-PrPsP±CḡP°P¶P°C''C,CHCfCfCf PeC-P»CHPeC-CfC,CH PsPrPëPSPëC†CH PīCḡPμPīP°CḡP°C,Cf, CIPeP° PIPμPsPrPëC,CHCfCfCf.

PμCḡPμPīP°CḡP°C, PŷPsP¶PμPs PŷPsP»PsPŸC,P°Cḡ PSPμ PjPsP¶PSP° PIC-PrP±PëCḡP°C,Pë P· PeP°CḡC,CḡPëPrP¶P° PīPsPiPμCḡPμPrPSCḡPs PSP°PīPsPIPSPμPSPsC— C€PīCḡPëC†- CḡCfC‡PePë Cf C€PīCḡPëC†, PsCfPeC-P»CHPePë C†Pμ PjPsP¶Pμ PīCḡPëP·PIPμCfC,Pë PrPs C,CIP¶PePsPiPs PīPμCḡPμPrPsP·CfPIP°PSPSCf PīCḡPμPīP°CḡP°C,Cf (PrPëPI. CḡPsP·PrC-P» B«PμPμCḡPμPrPsP·CfPIP°PSPSCIB» C- PīC-PrCḡPsP·PrC-P» B«PhCfPsP±P»PëPIC- P·P°CfC,PμCḡPμP¶PμPSPSCf PīCḡPë PIPëPePsCḡPëCfC,P°PSPSC- PīCḡPμPīP°CḡP°C,CfB» PSPëP¶C‡Pμ).

PμPμCḡPμPr PePsP¶PSPsCḡ C-PSbḡ™ C''PeC†C-C''Cḡ PSPμPsP±C...C-PrPSPs PīC-Prbḡ™ C''PrPSCfPIP°C,Pë PSPsPICf CfC,PμCḡPëP»CHPSCf PiPsP»PeCf. PμPsPIC,PsCḡPSPμ PIPëPePsCḡPëCfC,P°PSPSCf PiPsP»PsPe P·P±C-P»CHC€CfC'' CḡPëP·PëPe P±P»PsPeCfPIP°PSPSCf PiPsP»PePë, C%Ps PjPsP¶Pμ PīCḡPëP·PIPμPrPëC,Pë PrPs PIPμPrPμPSPSCf PSPμPrPsCfC,P°C,PSCHPsC— P°P±Ps PSP°PrPjC-CḡPSPsC— PrPsP·Pë PīCḡPμPīP°CḡP°C,Cf (PrPëPI. PīC-PrCḡPsP·PrC-P» B«PhCfPsP±P»PëPIC-

P'PsP»PePë PSPµPsP±C...C-PrPSPs PIPëPePëPrP°C,Pë PsPrCĤP°P·C' P¶ PİC-Cİ'P»Cİİ
PIPëPePsCĤPëCİ'C,P°PSPSCİİ. PµPµCĤPµPr PePsP¶PSPsCĤ C-PSBĤ™C"PeC†C-C"Ĥ
PSPµPsP±C...C-PrPSPs PİC-PrBĤ™C"PrPSCİPIP°C,Pë PSPsPICİ CİC,PµCĤPëP»CĤPSCİ

PiPsP»PeCf. PµCḡPē PīPsPIC,PsCḡPSPsPjCf PIPēPePsCḡPēCfC,P°PSPSC- PiPsP»PeP° PjPsP¶Pµ P·P°P±P»PsPeCfPIP°C,PēCfCḡ C- P'Pē PjPsP¶PµC,Pµ PSPµ PsC,CḡPēPjP°C,Pē PīPsC,CḡC-P±PSPsC— PrPsP·Pē (PIPIµPrPµPSPSCḡ PSPµPrPsCfC,P°C,PSCHbPsC— PrPsP·Pē) P°P±Ps PsC,CḡPēPjP°C,Pē PSP°PrC,Ps PIPµP»PēPeCf PrPsP·Cf PīCḡPµPīP°CḡP°C,Cf (PīPµCḡPµPrPsP·CfPIP°PSPSCḡ). P'PēPePsCḡPēCfC,P°PSPSCḡ PSPsPiPsC— CfC,PµCḡPēP»CHbPSPsC— PiPsP»PePē PrP»Cḡ PePsP¶PSPsC— C-PS'C"PeC†C-C— C,P°PePsP¶ P·PIPsPrPēC,CH PrPs PjC-PSC-PjCfPjCf CḡPēP·PēPe PePsPSC,P°PjC-PSP°C†C-C— C,P° C-PSC,,PµPeC†C-C—. PJ CḡP°P·C- P±P»PsPeCfPIP°PSPSCḡ PiPsP»PePē PīP°C†C-C"PSC,P°Pj PSPµPsP±C...C-PrPSPs PrPsC,CḡPēPjCfPIP°C,PēCfCḡ C-PSCfC,CḡCfPeC†C-PNē, PsPīPēCfP°PSPēC... Cf PeCḡPsC†C- 3 C-PSCfC,CḡCfPeC†C-C— P· PIPēPePsCḡPēCfC,P°PSPSCḡ (PrPēPI. PSPēP¶C±Pµ).

PkPµ PjPsP¶PSP° PIPēPePsCḡPēCfC,PsPICfPIP°C,Pē P·PIPēC±P°PNēPSPēPNē C-PSCfCfP»C-PSPsPIPēPNē CēPīCḡPēC† PrP»Cḡ PIC-PrP±PsCḡCf PīCḡPµPīP°CḡP°C,Cf C-PSCfCfP»C-PSCf P·C- CēPīCḡPēC†-CḡCfC±PePē. P'Pē PjPsP¶PµC,Pµ PsC,CḡPēPjP°C,Pē PSP°PrC,Ps PIPµP»PēPeCf PrPsP·Cf C-PSCfCfP»C-PSCf. PēPeP°P»P° P±C-P»CHbCēPsCfC,C- CēPīCḡPēC†C-PI PīCḡP°PrCfPNēPsPIP°PSP° PrP»Cḡ PIPēPePsCḡPēCfC,P°PSPSCḡ P»PēCēPµ PSPµPePsPSC†PµPSC,CḡPsPIP°PSPēC... PīCḡPµPīP°CḡP°C,C-PI C-PSCfCfP»C-PSCfB B B (100 PhPr./PjP»).

P'P°P¶P»PēPIP° C-PSC,,PsCḡPjP°C†C-Cḡ C%PsPrPs PIPēPePsCḡPēCfC,P°PSPSCḡ CēPīCḡPēC†-CḡCfC±PePē PŷPsP¶PµPs PŷPsP»PsPŷC,P°Cḡ.

- PēPīCḡPēC†-CḡCfC±PeP° PīCḡPēP·PSP°C±PµPSP° PsCfPsP±PēCfC,Ps P'P°Pj, C- PSPµ CfP»C-Pr PīPµCḡPµPrP°PIP°C,Pē C—C— C-PSCēPēPj PsCfPsP±P°Pj.

- PkPµ PjPsP¶PSP° PIPēPePsCḡPēCfC,PsPICfPIP°C,Pē CēPīCḡPēC†-CḡCfC±PeCf Cf CḡP°P·C- C—C— PīPsCēPePsPrP¶PµPSPSCḡ P°P±Ps PīCḡPē PSP°CḡPIPsPsCfC,C- CfCfPjPSC-PICf C%PsPrPs PīCḡP°PIPēP»CHbPSPsCfC,C- C—C— C,,CfPSPeC†C-PsPSCfPIP°PSPSCḡ.

- P—P°PIP¶PrPē CfP»C-Pr PīCḡPsPiPsPrPēC,Pē C,PµCfC, PSP° P±PµP·PīPµPeCf.

- P—P°PIP¶PrPē PSPµPsP±C...C-PrPSPs PjP°C,Pē P·P°PīP°CfPSCf CēPīCḡPēC†-CḡCfC±PeCf C- P·P°PīP°CfPSC- PiPsP»PePē PSP° PIPēPīP°PrPsPe PIC,CḡP°C,Pē P°P±Ps PīPsCēPePsPrP¶PµPSPSCḡ PsCfPSPsPiPsPSPsPiPs PSP°P±PsCḡCf.

P©Ps PīPsC,CḡC-P±PSPs P·PSP°C,Pē PrP»Cḡ PīCḡPsPIPµPrPµPSPSCḡ C-PSbḡ™C"PeC†C-C—.

- PµPµCḡPµPr PIPēPePsCḡPēCfC,P°PSPSCḡPj CēPīCḡPēC†-CḡCfC±PePē CfP»C-Pr P·P°PīPēC,P°C,Pē CfPIPsPiPs P»C-PeP°CḡCḡ P°P±Ps PjPµPrCfPµCfC,CḡCf, CḡPe CḡPsP±PēC,CHCfCḡ C-PSbḡ™C"PeC†C-Cḡ.

- PīPeC%Ps Cf P'P°Cf C" CḡPeC--PSPµP±CfPrCHb CfPeP»P°PrPSPsC%C- P· PIPēPePsCḡPēCfC,P°PSPSCḡPj CēPīCḡPēC†-CḡCfC±PePē, PSP°PīCḡPēPeP»P°Pr, C±PµCḡPµP· PīCḡPsP±P»PµPjPē P· P·PsCḡPsPj, P·PIPµCḡPSC-C,CHCfCḡ P·P° PrPsPīPsPjPsPiPsCH.

- PµPµCḡPµPr PIPēPePsCḡPēCfC,P°PSPSCḡPj CēPīCḡPēC†-CḡCfC±PePē CfP»C-Pr PīPµCḡPµC±PēC,P°C,Pē C†CH C-PSCfC,CḡCfPeC†C-CH. PJ CḡP°P·C- PSPµPrPsC,CḡPēPjP°PSPSCḡ C†PēC... PSP°CfC,P°PSPsPI P'Pē PjPsP¶PµC,Pµ PsC,CḡPēPjP°C,Pē PSP°PrC,Ps PIPēCfPsPeCf P°P±Ps PSPēP·CHbPeCf PrPsP·Cf C-PSCfCfP»C-PSCf.

P"PsPrP°C,PePsPIC- CḡPµC±C-, CḡPeC- P±CfPrCfC,CH PīPsC,CḡC-P±PSC- PīCḡPē

PIPIPμPrPμPSPSC- C†CHbPsPiPs PiCḡPμPīP°CḡP°C,Cṛ:

- PSPsPIP° CḡC,PμCḡPēP»CHbPSP° PiPsP»PeP° (PrPēPIC-C,CHCḡCḡ PḡP PḡPḡ 2);

- P·PjPsC†PμPSPēPNḡ CḡPīPēCḡC,PsPj C,P°PjPīPsPS;

—CḡC,C-PNḡPePēPNḡ PrPs PiCḡPsPePsP»CḡPIP°PSPSCḡ PePsPSC,PμPNḡPSPμCḡ PrP»Cḡ
PIPēPePsCḡPēCḡC,P°PSPēC... PiPsP»PsPe C,P° CēPiCḡPēC†-CḡCṛC†PsPe.

-

P†PḡPŸPŸP PjPḡP;P†Pī P· PIPēPePsCḡPēCḡC,P°PSPSCḡ CēPiCḡPēC†-CḡCṛC†PePē
PŸPsP¶PμPs PŸPsP»PsPŸC,P°Cḡ



*PμPsCḡCēPμPSCḡ PSPμ P±CṛPrPμ PIPēPrPSPs, PrPsPePē P’Pē PSPμ PIPIPμPrPμC,Pμ
PrPμPeC-P»CHbPeP° PrPsP·.

P PēCḡ. 2. PŸC...PμPjP°C,PēC†PSPμ P·PsP±CḡP°P¶PμPSPSCḡ CēPiCḡPēC†-CḡCṛC†PePē
PŸPsP¶PμPs PŸPsP»PsPŸC,P°Cḡ.

PḡP PḡPḡ 1. PμPμCḡPμPIC-CḡC,Pμ CḡPIPSCḡ CēPiCḡPēC†-CḡCṛC†PeCṛ.

P©PsPSP°PNḡPjPμPSCēPμ P·P° 1 PiPsPrPēPSCṛ PrPs PiCḡPsPIPμPrPμPSPSCḡ
C-PSbḡ™ C”PeC†C-C— PIPēPNḡPjC-C,CH PSPsPICṛ CēPiCḡPēC†-CḡCṛC†PeCṛ P·
C...PsP»PsPrPēP»CHbPSPēPeP°. PjPePsP» C...PsP»PsPrPSPēPj CḡPsP·C†PēPSPsPj
C-PSCḡCṛP»C-PSCṛ P±C-P»CHbCē P±PsP»C-CḡPSPēPNḡ.

**Pḡ.B PμPμCḡPμPIC-CḡC,Pμ PSP°P·PICṛ PiCḡPμPīP°CḡP°C,Cṛ C- PrP°C,Cṛ
P·P°PeC-PSC†PμPSPSCḡ C,PμCḡPjC-PSCṛ PiCḡPēPrP°C,PSPsCḡC,C- PSP°
PμC,PēPePμC,C†C- CēPiCḡPēC†-CḡCṛC†PePē.**

- PμPμCḡPμPePsPSP°PNḡC,PμCḡCḡ, C%Ps P’Pē PIP·CḡP»Pē PIC-PrPīPsPIC-PrPSPēPNḡ
PiCḡPμPīP°CḡP°C, C-PSCḡCṛP»C-PSCṛ. P|Pμ PsCḡPsP±P»PēPIPs PIP°P¶P»PēPIPs, CḡPeC%Ps Cṛ
P’P°Cḡ C” C-PSCēC- CēPiCḡPēC†-CḡCṛC†PePē.



- PḡC-PePsP»Pē PSPμ PIPēPePsCḡPēCḡC,PsPICṛPNḡC,Pμ CēPiCḡPēC†-CḡCṛC†PeCṛ PiC-CḡP»Cḡ
P·P°PeC-PSC†PμPSPSCḡ C—C— C,PμCḡPjC-PSCṛ PiCḡPēPrP°C,PSPsCḡC,C-.

B.B P—PSC-PjC-C,CH PePsPIPīP°C†PsPe CēPiCḡPēC†-CḡCṛC†PePē.



C.B P’PīPμPIPSC-C,CHCḡCḡ Cṛ C,PsPjCṛ, C%Ps C-PSCḡCṛP»C-PS C” PiCḡPsP·PsCḡPēPj.

- PќPµ PIPёPePsCђPёCѓC,PsPICѓPNёC,Pµ CёPіCђPёCѓ-CHCѓCѓPeCѓ, CЏPeC%Ps CђPsP·CѓPёPS C-PSCѓCѓP»C-PSCѓ PjCѓC, PSPёPNё PSP° PIPёPiP»CЏPr, P·P°P±P°CHPIP»PµPSPёPNё P°P±Ps PjC-CѓC,PёC,CH CѓP°CѓC,PёPSPёPё.



РљР РћРљ 2. РµCHPёC”PrPSP°PNёC,Pµ PSPsPICѓ PiPsP»PeCѓ.

- P”P»CЏ PIPёPePsPSP°PSPSCЏ PePsP¶PSPsC— C-PSБђ™C”PeCѓC-C— P·P°PIP¶PrPё PIPёPePsCђPёCѓC,PsPICѓPNёC,Pµ PSPsPICѓ CѓC,PµCHPёP»CHPSCѓ PiPsP»PeCѓ. P|Pµ PrPsPіPsPjPsP¶Pµ P·P°PіPsP±C-PіC,Pё P±P»PsPeCѓPIP°PSPSCђ PiPsP»PePё, P·P°P±CHCѓPrPSPµPSPSCђ C,P° P·P°PSPµCѓPµPSPSCђ C-PSC„PµPeCѓC-C—.

- P’PёPePsCђPёCѓC,PsPICѓPNёC,Pµ C,C-P»CHPePё C,P°PeC- PiPsP»PePё, CЏPeC- C” CѓCѓPjC-CѓPSPёPjPё PrP»CЏ PIPёPePsCђPёCѓC,P°PSPSCЏ P· PіCHPµPіP°CHP°C,PsPj PђPsP¶PµPs PђPsP»PsPђC,P°CH (PSP°PіCHPёPeP»P°Pr PiPsP»PePё PIPёCHPsP±PSPёCѓC,PIP° PePsPjPіP°PSC-PNё B«P’P”B» [BD], B«PѓPіCѓPsPjPµPrB» [Ypsomed], B«PhCHC,CѓP°PSP°B» [Artsana] P°P±Ps B«PhCѓPµPS РћP°PjC„PsCHPrB» [Owen Mumford]).

В А.В В В В В В Р’С-Р·СђРјС-С,Сђ PSPsPICѓ PiPsP»PeCѓ С,Р° PIC-PrPeP»PµPNёC,Pµ Р·Р°С...PёCѓPSCѓ PiP»C-PIPeCѓ.



В. PђCHPёPjP°PNёC,Pµ PiPsP»PeCѓ PіCHCЏPjPs C- P·P°PeCHCѓC,C-C,CH C—C— PSP° CёPіCђPёCѓ-CHCѓCѓPeCѓ PrPs P·P°PeCHC-PіP»PµPSPSCЏ. PќPµ P·P°PeCHCѓCѓCѓPNёC,Pµ PiPsP»PeCѓ P·P°PSP°PrC,Ps C,CѓPiPs.



С. Р—PSC-PjC-C,Сђ Р·PsPIPSC-CёPSC-PNё PePsPIPіP°CѓPsPe Р· PiPsP»PePё. Р—Р±PµCHPµP¶C-C,Сђ PNёPsPiPs Бђ” PIC-PS Р·PSP°PrPsP±PёC,СђCѓCЏ PіC-Р·PSC-CёPµ.



Д. Р—PSC-PjC-C,Сђ PIPSCѓC,CHC-CёPSC-PNё PePsPIPіP°CѓPsPe PiPsP»PePё C,P° PIPёPePёPSCђC,Pµ PNёPsPiPs.



РљPsCHPёCѓC,CѓPIP°PSPSCЏ PiPsP»PeP°PjPё.

РµPsPIPsPrCHC,PµCѓCЏ P· PiPsP»PeP°PjPё PsP±PµCHPµP¶PSPs, C%PsP± P·P°PіPsP±C-PіC,Pё CѓPePsP»P°Pj PiPsP»PePsCH C- PіPµCHPµC...CHPµCѓPSPsPjCѓ C-PSC„C-PeCѓPIP°PSPSCђ.

РљР РћРљ 3. Р’PёPePsPSP°PNёC,Pµ C,PµCѓC, PSP° Р±PµP·PіPµPeCѓ.

Р—P°PIP¶PrPё PIPёPePsPSCѓPNёC,Pµ C,PµCѓC, PSP° Р±PµP·PіPµPeCѓ PіPµCHPµPr PePsP¶PSPsCH C-PSБђ™C”PeCѓC-C”CH PrP»CЏ C,PsPiPs, C%PsP±:

- PіPµCHPµPIC-CHPёC,Pё, C%Ps P’P°CёP° CёPіCђPёCѓ-CHCѓCѓPeP° C- PiPsP»PeP° PіCHP°CѓCHCHC,Сђ PіCHP°PIPёP»CHPSPs;

-B B PIPiPμPIPSPëC,PëCÍCÍ CÍ C,PsPjCÍ, C%Ps P'Pë PsC,CËPëPjP°C"C,Pμ PìPsC,CËC-P±PSCÍ P'P°Pj PrPsP·CÍ C-PSCÍCÍP»C-PSCÍ.

Ph. PhP±PμCËC-C,CH PrPsP·CÍ 3 PsPrPëPSPëC†C-, PsP±PμCËC,P°CËC†Pë PìPμCËPμPjPëPeP°C† PrP»CÍ PIPëP±PsCËCÍ PrPsP·Pë, PìPsPePë PìPsPeP°P¶C†PëPe PrPsP·Pë PSPμ P±CÍPrPμ PIPeP°P·CÍPIP°C,Pë PSP° CËPëCÍPeCÍ PjC-P¶ 2 C- 4.



P'. PkP°C,PëCÍPSC-C,CH PePSPsPìPeCÍ PrP»CÍ PIPëPePsPSP°PSPSCÍ C-PSBË™C"PeC†C-C— PrPs CÍPìPsCËCÍ.

- PìPeC%Ps P· PeC-PSC†PëPeP° PìPsP»PePë P±CÍPrPμ PIPëC...PsPrPëC,Pë C-PSCÍCÍP»C-PS, P'P°CëP° CëPìCËPëC†-CËCÍC†PeP° PìCËP°C†CËC" PìCËP°PIPëP»CHPSPs.



PìPeC%Ps C-PSCÍCÍP»C-PS PSPμ PIPëC...PsPrPëC,CH:

- P'P°Pj PjPsP¶Pμ P±CÍC,Pë PìPsC,CËC-P±PSPs PìPsPIC,PsCËPëC,Pë C†PμPNë PeCËPsPe PrPs 3 CËP°P·C-PI, PìPμCËCë PSC-P¶ P'Pë P·PjPsP¶PμC,Pμ PìPsP±P°C†PëC,Pë C-PSCÍCÍP»C-PS.

- PìPeC%Ps C-PSCÍCÍP»C-PS PSPμ PIPëC...PsPrPëC,PëPjPμ C- PìC-CÍP»CÍ C,CËPμC,CHPsPìPs CËP°P·CÍ, PìPsP»PeP° PjPsP¶Pμ P±CÍC,Pë P·P°P±P»PsPePsPIP°PSP°. PìPeC%Ps C,P°PePμ CÍC,P°PSPμC,CHCÍCÍ:

- P·PjC-PSC-C,CH PìPsP»PeCÍ (PrPëPI. PъP PhPъ 6 C,P° PъP PhPъ 2);

- PìC-CÍP»CÍ C†CHPsPìPs PIPëPePsPSP°PNëC,Pμ C,PμCÍC, PSP° P±PμP·PìPμPeCÍ PìPsPIC,PsCËPSPs (PъP PhPъ 3).

- PìPeC%Ps C- PìC-CÍP»CÍ C†CHPsPìPs C-PSCÍCÍP»C-PS PSPμ PIPëC...PsPrPëC,PëPjPμ P· PeC-PSC†PëPeP° PìPsP»PePë, PSPμ PIPëPePsCËPëCÍC,PsPICÍPNëC,Pμ P'P°CëCÍ CëPìCËPëC†-CËCÍC†PeCÍ. P'PëPePsCËPëCÍC,P°PNëC,Pμ PSPsPICÍ CëPìCËPëC†-CËCÍC†PeCÍ.

- PkC-PePsP»Pë PSPμ PIPëPePsCËPëCÍC,PsPICÍPNëC,Pμ CëPìCËPëC† PrP»CÍ PIC-PrP±PsCËCÍ C-PSCÍCÍP»C-PSCÍ P· P'P°CëPsC— CëPìCËPëC†-CËCÍC†PePë.

PìPeC%Ps P'Pë PìPsP±P°C†PëC,Pμ P±CÍP»CHP±P°CëPePë PìPsPIC-C,CËCÍ

- P'Pë PjPsP¶PμC,Pμ PìPsP±P°C†PëC,Pë P±CÍP»CHP±P°CëPePë PìPsPIC-C,CËCÍ PI C-PSCÍCÍP»C-PSC-. PìPμ PSPsCËPjP°P»CHPSPμ CÍPIPëC%Pμ, PìPsPSPë PSPμ P·P°CëPePsPrCÍC,CH P'P°Pj.

PъP PhPъ 4. PhP±PμCËC-C,CH PrPsP·CÍ.

PkC-PePsP»Pë PSPμ PsP±PëCËP°PNëC,Pμ PrPsP·CÍ C- PSPμ PSP°C,PëCÍPeP°PNëC,Pμ PePSPsPìPeCÍ PrP»CÍ PIPëPePsPSP°PSPSCÍ C-PSBË™C"PeC†C-C— P±PμP· PìCËPëC"PrPSP°PSPsC— PìPsP»PePë. PìPμ PjPsP¶Pμ PìPsCëPePsPrPëC,Pë P'P°CëCÍ CëPìCËPëC†-CËCÍC†PeCÍ.

A. P'PìPμPIPSC-C,CHCÍCÍ CÍ C,PsPjCÍ, C%Ps PìPsP»PeP° PìCËPëC"PrPSP°PSP° PrPs CëPìCËPëC†-CËCÍC†PePë C- C%Ps PìPsPeP°P¶C†PëPe PrPsP·Pë PIPeP°P·CÍC" PSP° B«OB».



B. PhP±PμCḡC,P°PN₂C,Pμ PīPμCḡPμPjPēPeP°C‡ PrP»Cḡ PIPēP±PsCḡCḡ PrPsP·Pē, PīPsPePē PīPsPeP°PḡC‡PēPe PrPsP·Pē PSPμ P±CḡPrPμ PIPeP°P·CḡPIP°C,Pē PSP° PīPsC,CḡC-P±PSCḡ P'P°Pj PrPsP·Cḡ.

- PīPeC%Ps P'Pē PīPsPIPμCḡPSPμC,Pμ PīPμCḡPμPjPēPeP°C‡ PrP°P»C-, PSC-Pḡ P'P°Pj PīPsC,CḡC-P±PSPs, P'Pē PjPsPḡPμC,Pμ PīPsPIPμCḡPSCḡC,Pē PN₂PsPiPs Cḡ P·PIPSCḡPsC,PSPsPjCḡ PSP°PīCḡCḡPjPeCḡ.

- PīPeC%Ps Cḡ P'P°C€C-PN₂ C€PīCḡPēC†-CḡCḡC‡C†C- P·P°P»PēC€PēP»PsCḡCḡ PSPμPrPsCḡC,P°C,PSCḡPs PsPrPēPSPēC†Cḡ PrP»Cḡ P'P°C€PsC— PrPsP·Pē, PīPμCḡPμPjPēPeP°C‡ PrP»Cḡ PIPēP±PsCḡCḡ PrPsP·Pē P·CḡPīPēPSPēC,CḡCḡCḡ PīC-CḡP»Cḡ PSP°P±PsCḡCḡ C,C-C''C— PeC-P»CḡPePsCḡC,C- PsPrPēPSPēC†Cḡ, C%Ps P·P°P»PēC€PēP»PēCḡCḡ Pī C€PīCḡPēC†-CḡCḡC‡C†C-.

- PīPeC%Ps P'Pē PSPμ PjPsPḡPμC,Pμ PSP°P±CḡP°C,Pē PīPsPIPSCḡ PrPsP·Cḡ, PīCḡPēP·PSP°C‡PμPSCḡ P'P°Pj, CḡPsP·PrC-P»C-C,Cḡ C†Cḡ PrPsP·Cḡ PSP° PrPIC- C-PSbḡ™ C''PeC†C-C— P°P±Ps PIPēPePsCḡPēCḡC,P°PN₂C,Pμ PSPsPICḡ C€PīCḡPēC†-CḡCḡC‡PeCḡ.



PīPe P·C‡PēC,CḡPIP°C,Pē PrP°PSC- Cḡ PIC-PePSC- PIC-PrPsP±CḡP°PḡPμPSPSCḡ PrPsP·Pē

PμP°CḡPSC- C‡PēCḡP»P° PīPsPeP°P·CḡCḡC,CḡCḡCḡ PSP° CḡC-PIPSC- PīPsPeP°PḡC‡PēPeP° PrPsP·Pē:



P'CḡC,P°PSPsPIP»PμPSPs PrPsP·Cḡ 30 PsPrPēPSPēC†Cḡ

PḡPμPīP°CḡPSC- C‡PēCḡP»P° PīPsPeP°P·CḡCḡC,CḡCḡCḡ Cḡ PIPēPiP»CḡPrC- CḡPēCḡPsPe PjC-Pḡ PīP°CḡPSPēPjPē C‡PēCḡP»P°PjPē:



P'CḡC,P°PSPsPIP»PμPSPs PrPsP·Cḡ 29 PsPrPēPSPēC†Cḡ

PḡC-P»CḡPeC-CḡC,Cḡ PsPrPēPSPēC†Cḡ C-PSCḡCḡP»C-PSCḡ Cḡ P'P°C€C-PN₂ C€PīCḡPēC†-CḡCḡC‡C†C-

- P'P°C€P° C€PīCḡPēC†-CḡCḡC‡PeP° PjC-CḡC,PēC,Cḡ P·P°PiP°P»PsPj 450 PsPrPēPSPēC†Cḡ C-PSCḡCḡP»C-PSCḡ. P'Pē PjPsPḡPμC,Pμ PsP±PēCḡP°C,Pē PrPsP·Pē PIC-Pr 1 PrPs 80 PsPrPēPSPēC†Cḡ P· PeCḡPsPePsPj Cḡ 1 PsPrPēPSPēC†Cḡ. PḡPsPḡPSP° C€PīCḡPēC†-CḡCḡC‡PeP° PjC-CḡC,PēC,Cḡ P±C-P»CḡC€Pμ PsPrPSC-C''C— PrPsP·Pē.

- P'Pē PjPsPḡPμC,Pμ PīCḡPēP±P»PēP·PSPs PsC†C-PSPēC,Pē, CḡPeC-P»CḡPePē PsPrPēPSPēC†Cḡ C-PSCḡCḡP»C-PSCḡ P·P°P»PēC€PēP»PsCḡCḡ Cḡ C€PīCḡPēC†-CḡCḡC‡C†C-, PīPsPrPēPIPēPIC€PēCḡCḡ, PrPμ P·PSP°C...PsPrPēC,CḡCḡCḡ PīPsCḡC€PμPSCḡ PIC-PrPSPsCḡPSPs C-PSCḡCḡP»C-PSPsPIPSC— C€PeP°P»Pē.

РълР РћРљ 5. Р'РІРµРѓС-С,СН РSPµРѕР±С...С-РѓРѕСЃѓ Р'Р'°Рј РѓРѕРѕР·Сѓ.

$\text{P}\ddot{\text{I}}\text{P}\text{eC}\%_{\text{Ps}}\text{P}'\ddot{\text{P}}\ddot{\text{e}}\text{PIC-PrC}\ddagger\text{C}\acute{\text{r}}\text{C}''\text{C,P}\mu,\text{C}\%_{\text{Ps}}\text{P}'\text{P}^{\circ}\text{PjPIP}^{\circ}\text{P}\P\text{PePsPSP}^{\circ}\text{C,P}\ddot{\text{e}}\text{C}\acute{\text{I}}\text{PeP}^{\circ}\text{C,P}\ddot{\text{e}}\text{PSP}^{\circ}$
 $\text{PePSPsPiPeCrPrP}\gg\text{C}\P\text{PIP}\ddot{\text{e}}\text{PePsPSP}^{\circ}\text{PSPSC}\P\text{C-PSb}\P^{\text{TM}}\text{C}''\text{PeC}\ddagger\text{C-C-},\text{PSP}\mu$
 $\text{PrPsPeP}\gg\text{P}^{\circ}\text{PrP}^{\circ}\text{PN}\ddot{\text{e}}\text{C,P}\mu\text{C}\acute{\text{I}}\text{P}\ddot{\text{e}}\text{P}\gg\text{C}\acute{\text{r}}\text{PrP}\gg\text{C}\P\text{C-C-PSP}^{\circ}\text{C,P}\ddot{\text{e}}\text{C}\acute{\text{I}}\text{PeP}^{\circ}\text{PSPSC}\P,\text{PsC}\acute{\text{I}}\text{PeC-P}\gg\text{CHbPeP}\ddot{\text{e}}$
 $\text{C}\ddagger\text{P}\mu\text{PjPsP}\P\text{P}\mu\text{P}\cdot\text{P}\gg\text{P}^{\circ}\text{PjP}^{\circ}\text{C,P}\ddot{\text{e}}\text{P}'\text{P}^{\circ}\text{C}\text{E}\text{C}\acute{\text{r}}\text{C}\text{E}\P\ddot{\text{I}}\text{C}\P\text{P}\ddot{\text{e}}\text{C}\ddagger\text{C-P}\P\text{C}\acute{\text{r}}\text{C}\ddagger\text{PeC}\acute{\text{r}}.\text{P}''\text{P}\gg\text{C}\P\text{PrPsPiPsPjPsPiP}\ddot{\text{e}}$
 $\text{PsP}\cdot\text{PSP}^{\circ}\text{PN}\ddot{\text{e}}\text{PsPjC,P}\mu\text{C}\acute{\text{I}}\text{C}\P\text{P}\cdot\text{C}\P\text{PsP}\cdot\text{PrC-P}\gg\text{PsPjPSP}\ddot{\text{e}}\text{P}\P\text{C}\ddagger\text{P}\mu.$

**A. PhP±PμCḦC-C,CH PjC-CÍC†Pμ C-PSBḦ™C″PεC†C-C-, CΠPε C†Pμ PḦPSPεP°P·P°PSPs
PSP° CḦPḦCÍC†PSPεC†.**

PrHC-ClC†C†C† PIPiPpPrPpPSPSC† C-PSB†™ C″PeC†C-P№: ClC,C-PSPeP° P¶PëPIPSC,P°, PrC-P»C†PSPeP° PrPpP»CHbC,PsPiPsPrC-P±PSPsPiPs PjB†™ C†P·P° P°P±Ps ClC,C,PpPiPSPs:



**B. P'PIPrC-C,CH₃ PiPsP»PeCr⁺ Cl'PsP±C- Cr⁺ C€PeC-C₅Cr⁺ C, P°Pe, CΠPe P'P°Pj
PiPsPeP°P·Cr⁺PIP°PI P'P°C€ P»C-PeP°C₅ P°P±Ps PiPμPrPëC±PSP° Cl'PμCl'C, C₅P°.**

- P₄C₇P₆ C†CH₃PsPjC_r P_iPsPeP_e C%₀Ps PSP_μ C,P_sC₇PeP°PN₆C,P_μC₇C₄ PePSPsP_iPeP_e PrP»C₄
PIP_ePePsPSP°PSPSC₄ C-PSB₇TM C''PeC†C-C—.



**C. P_uPsP_eP»P°PrC-C,CH₃ PIP_uP»P_eP_eP_ePN₂ P_iP°P»P_uC†CH₃ C₅C₁P_eP_e PSP° P_ePSPsP_iP_eC₁
PrP»C₁ PIP_eP_ePsPSP°PSPSC₁ C-PSB₅TMC°P_eC†C-C—. P_uC-C₁P»C₁ C†CH₃PsPiPs
PSP°C,P_eC₁PS-C,CH₃ C—C— PrPs C₁PiPsC₅C₁ C- C₁C,C₅P_ePjC₁PN₂C,P_u PI C,P°P_ePsPjC₁
PiPsP»PsP₁P_uPSPSC-.**

- КР_п PSP°С, РёСГРер°PN_с, P_п PSP° PePSPsPiPeCr PiC-Pr PeCrC, PsPj, PsCTPeC-P»CHPePe
P'P°C€ PIP_пP»PёPePePN_с PiP°P»P_пC†CH PJPsP¶P_п P·P°P±P»PsPeCrPIP°С, Рё
PsP±PuCHC, P°PSPSC¶ PiPuCHPuPiPePeP°C±P° PrP»C¶ PIPeP±PsCHCr PrPsP·Pe.



D. PJC, C₅PëPjC_rPN₂C, P_μ PëPSPsPìPeC_r PrP»CII PIPëPePsPSP°PSPSCII C-PSB₅TMC" PëC†C-C— PI PSP°C, PëCÍPSP_μPSPsPjC_r PìPsP»PsP¶P_μPSPSC-, C- PìC-CÍP»CII C, PsPiPs, CII Pë P'Pë PìPsP±P°C†PëC, P_μ C_r PIC-PëPSC- PIC-PrPsP±C₅P°P¶P_μPSPSCII PrPsP·Pë B<0B>, PìPsPIC-P»CH₃PSPs PìPsC₅P°C...C_rPN₂C, P_μ PrPs 5.

- P|P_u PSp_uP_sP±C...C-PrPSPs PrP»C| C, P_sPiP_s, C%₀P_sP± PIPiP_uPIPSPëC, PëCíC| Cr
P_sC, C₇PëPjP°PSPSC- P_iP_sPIPSP_sC— PrP_sP·Pë PíC₇P_uPíP°C₇P°C, Cr.



**E. P_HC-ClP»C_{II} CrC,C_{II}PëPjP°PSPSC_{II} PePSPsPiPePë C- PiPsPIC-P»CHßPSPsPiPs
C_{II}P°C...CrPIP°PSPSC_{II} PrPs 5 PIC-PrPiCrClC,C-C,CHß PePSPsPiPeCr PrP»C_{II}
PIPëPePsPSP°PSPSC_{II} C-PSB_{II}TM C"PeC†C-C—. P_HC-ClP»C_{II} C†CHßPsPiPs
PIPëC,C_{II}PiPSC-C,CHß PiPsP»PeCr P·C- C€PeC-C_{II}Pë.**

**PİPeC%₀Ps P'Pë PIC-PrC‡Cr"C,Pμ, C%₀Ps P'P°Pj PIP°P¶PePs PSP°C,PëCÍPeP°C,Pë PSP°
PePSPsPİPeCÍ PrP»CII PIPëPePsPSP°PSPSCII C-PSB $\overline{\eta}$ TM C"PeC†C-C—:**

- P—PjC-PSC-C,CH PiPsP»PeCf (PrPëPI. PъP PhPъ 6 C,P° PъP PhPъ 2), PïC-CfP»CЦ C±PsPiPs PIPëPePsPSP°PNëC,Pµ C,PµCfC, PSP° P±PµP·PïPµPeCf (PrPëPI. PъP PhPъ 3).
- PïPeC%Ps P'P°Pj PICfPµ C%Pµ PIP°P¶PePs PSP°C,PëCfPeP°C,Pë PSP° PePSPsPïPeCf, PIC-P·CHPjC-C,CH PSPsPICf CъCfC±PeCf.
- PkC-PePsP»Pë PSPµ PIPëPePsCъPëCfC,PsPICfPNëC,Pµ CëPïCъPëC† PrP»CЦ PIC-PrP±PsCъCf C-PSCfCfP»C-PSCf P· P'P°CëPsC— CëPïCъPëC†-CъCfC±PePë.

РъР PhPъ 6. P'С-Ргвђ™ C"PrPSP°PNëC,Pµ PiPsP»PeCf.

- PµPsPiPsPrCHC,PµCfCЦ P· PiPsP»PeP°PjPë PsP±PµCъPµP¶PSPs, C%PsP± P·P°PïPsP±C-PiC,Pë CfPePsP»P°Pj PiPsP»PePsCъ C- PïPµCъPµC...CъPµCfPSPsPjCf C-PSC,,C-PeCfPIP°PSPSCъ.
- PkC-PePsP»Pë PSPµ PSP°PrCЦPiP°PNëC,Pµ P·PSPsPICf PIPSCfC,CъC-CëPSC-PNë PePsPIPïP°C±PsPe PiPsP»PePë.

A. PkP°PrCЦPiPSC-C,CH P·PsPIPSC-CëPSC-PNë PePsPIPïP°C±PsPe P·PSPsPICf PSP° PiPsP»PeCf C,P° PIC-PrPeCъCfC,C-C,CH P· PNëPsPiPs PrPsPïPsPjPsPiPsCъ PiPsP»PeCf P·C- CëPïCъPëC†-CъCfC±PePë.

- P— PjPµC,PsCъ P·PSPëP¶PµPSPSCЦ CъPëP·PëPeCf PIPëPïP°PrPePsPIPëC... CfPePsP»C-PI PiPsP»PePsCъ PSC-PePsP»Pë PSPµ PSP°PrCЦPiP°PNëC,Pµ PIPSCfC,CъC-CëPSC-PNë PePsPIPïP°C±PsPe PiPsP»PePë.
- PïPeC%Ps C-PSбђ™ C"PeC†C-Cъ P'P°Pj PIPëPePsPSCfC" C-PSCëP° PsCfPsP±P° C±Pë CЦPeC%Ps P'Pë PIPëPePsPSCfC"C,Pµ C-PSбђ™ C"PeC†C-Cъ C-PSCëC-PNë PsCfPsP±C-, C,Ps PsCfPsP±P°, CЦPeP° PIPëPePsPSCfC" C-PSбђ™ C"PeC†C-Cъ, PiPsPIPëPSPSP° PIPëC,CЦPiP°C,Pë C,P° CfC,PëP»C-P·PsPICfPIP°C,Pë PiPsP»PeCf P· PsCfPsP±P»PëPiPsCъ PsP±PµCъPµP¶PSC-CfC,Cъ.
- P"PsC,CъPëPjCfPNëC,PµCfCH CъPµPePsPjPµPSPPrPsPIP°PSPëC... P·P°C...PsPrC-PI P· P±PµP·PïPµPePë PïCъPë PIPëC,CЦPiP°PSPSC- C,P° CfC,PëP»C-P·P°C†C-C— PiPsP»PsPe (P·PIPµCъPSC-C,CHCfCЦ PrPs P'P°CëPsPiPs P»C-PeP°CъCЦ C±Pë PjPµPrPëC±PSPsC— CfPµCfC,CъPë) PrP»CЦ P·PSPëP¶PµPSPSCЦ CъPëP·PëPeCf PIPëPïP°PrPePsPIPëC... CfPePsP»C-PI PiPsP»PePsCъ C,P° PïPµCъPµPrP°C±C- C-PSC,,PµPeC†C-PNëPSPëC... P·P°C...PIPsCъCъPIP°PSCъ.

B. P'PëPePëPSCъC,Pµ PIPëPePsCъPëCfC,P°PSCf PiPsP»PeCf Cf CfC,C-PNëPePëPNë PrPs PïCъPsPePsP»CъPIP°PSCъ PePsPSC,PµPNëPSPµCъ P°P±Ps PIC-PrPïPsPIC-PrPSPs PrPs CъPµPePsPjPµPSPPrP°C†C-PNë P'P°CëPsPiPs P»C-PeP°CъCЦ C±Pë PjC-CfC†PµPIPsiPs CfPïPsPIPSPsPIP°P¶PµPSPsPiPs PsCъPiP°PSCf.



C. PkP°PrCЦPiPSC-C,CH PePsPIPïP°C±PsPe CëPïCъPëC†-CъCfC±PePë PSP°P·P°Pr PSP° CëPïCъPëC†-CъCfC±PeCf.

- PkPµ PeP»P°PrC-C,CH CëPïCъPëC†-CъCfC±PeCf PSP°P·P°Pr Cf C...PsP»PsPrPëP»CHPSPëPe.



P†PSCfC,CъCfPeC†C-C— C%PsPrPs P·P±PµCъC-PiP°PSPSCЦ.

РμРμСђРμРr РiРμСђСђРёРj РiРёРёРsСђРёСђС,Р°РSPSCПj СђРiСђРёСђ-СђСђСђРёРё
Р·Р±РμСђС-РiР°С,Рё Сђ С...РsР»РsРrРёР»СђРSPёРёСђ РiСђРё С,РμРjРiРμСђР°С,СђСђС-В
2Бђ"8 В°Рђ Сђ Р·Р°С...РёС%РμРSPsРjСђ РiС-Рr СђРiС-С,Р»Р° РjС-СђСђС-. РќРμ
Р·Р°РjРsСђРsРПiСђРiР°С,Рё!

РђРμСђРjС-РS РiСђРёРrР°С,РSPsСђС,С- СђРiСђРёСђ-СђСђСђРёРё РiС-СђР»Сђ РiРμСђСђРsРiРs
РiРёРёРsСђРёСђС,Р°РSPSCП Р°Р±Рs СђРiСђРёСђ-СђСђСђРёРё, СђРёСђ Р±РμСђСђС,Сђ Р·
СђРsР±РsСђ СђРё Р·Р°РiР°СђРSCђ: СђРiСђРёСђ-СђСђСђРёРё СђР»С-Рr Р·Р±РμСђС-РiР°С,Рё
РSPμ Р±С-Р»СђСђРμ 42 РrРSC-Рi РiСђРё С,РμРjРiРμСђР°С,СђСђС- РSPμ РiРёС%Рμ 30 В°Рђ
Сђ Р·Р°С...РёС%РμРSPsРjСђ РiС-Рr СђРiС-С,Р»Р° РjС-СђСђС-.

РёРiСђРёСђ-СђСђСђРёСђ, СђРёР° РiРμСђРμР±СђРiР°С" Сђ РiРёРёРsСђРёСђС,Р°РSPSC-, РSPμ
СђР»С-Рr Р·Р±РμСђС-РiР°С,Рё Сђ С...РsР»РsРrРёР»СђРSPёРёСђ. РμС-СђР»Сђ РёРsРПiРSPsС—
С-РSБђ™С"РёСђС-С— РSP° СђРiСђРёСђ-СђСђСђРёСђ СђР»С-Рr Р·РSPsРiСђ РSP°РrСђРiС,Рё
РёРsРiРiР°СђРsРё Р· РjРμС,РsСђ Р·Р°С...РёСђС,Сђ РiС-Рr СђРiС-С,Р»Р°.

РќРμ РjРsРПiРSP° Р·Р±РμСђС-РiР°С,Рё СђРiСђРёСђ-СђСђСђРёСђ Р· РiСђРёСђ"РrРSP°РSPsСђ РrРs
РSPμС— РiРsР»РёРsСђ.

Р·РёСђРiР»СђР°С,Р°СђС-Сђ СђРiСђРёСђ-СђСђСђРёРё. Р—С- СђРiСђРёСђ-СђСђСђРёРsСђ
СђР»С-Рr РiРsРiРsРrРёС,РёСђСђ РsР±РμСђРμРПiРSPs: РSPμ РjРsРПiРSP° РёРёРrР°С,Рё
СђРiСђРёСђ-СђСђСђРёСђ Р°Р±Рs РiРrР°СђСђС,Рё РSPμСђ РiРs С,РiРμСђРrРёРj
РiРsРiРμСђС...РSCПj. РiРёС%Рs Р°Рj Р·РrР°С"С,СђСђСђС, С%Рs СђРiСђРёСђ-СђСђСђРёСђ
РiРsСёРёРsРrРПiРSPs, РSPμ РSP°РjР°РiР°Р№С,РμСђСђ С—С— РiРsР»Р°РiРsРrРёС,Рё,
РiС-Р·СђРjС-С,Сђ РSPsРiСђ.

Р—Р°С...РёС%Р°СђС,Сђ СђРiСђРёСђ-СђСђСђРёСђ РiС-Рr РiРёР»СђС,Р° Р±СђСђРrСђ:
Р·sРiРSC-СёРSCђ РiРsРiРμСђС...РSCђ СђРiСђРёСђ-СђСђСђРёРё РjРsРПiРSP° РsСђРёС%Р°С,Рё,
РiСђРsС,РёСђР°СђРё С—С— РiРsР»РsРiРsСђ С,РёР°РSPёРSPsСђ. РќРμ
Р·Р°РSCђСђР№С,Рμ Сђ СђС-РrРёРSCђ, РSPμ РiСђРsРjРёРiР°Р№С,Рμ С- РSPμ
Р·РjР°С%СђР№С,Рμ СђРiСђРёСђ-СђСђСђРёСђ, РsСђРёС-Р»СђРёРё СђРμ РjРsРПiРμ С—С—
РiРsСёРёРsРrРёС,Рё.

РjС,РёР»С-Р·Р°СђС-Сђ СђРiСђРёСђ-СђСђСђРёРё.В РμРμСђРμРr СђС,РёР»С-Р·Р°СђС-С"Сђ
СђРiСђРёСђ-СђСђСђРёРё Р·РSC-РjС-С,Сђ Р· РSPμС— РiРsР»РёСђ. Р°РёРёРёРrР°Р№С,Рμ
СђРiСђРёСђ-СђСђСђРёСђ С,Р°Рё, СђРё СђРμРёРsРjРμРSPrРsРiР°РSPs
РjС-СђСђРμРiРёРjРё СђРμРiСђР»СђС,РsСђРSPёРjРё РsСђРiР°РSP°РjРё.

Р"С-С,Рё.

РμСђРμРiР°СђР°С, РђРsРПiРμРs РђРsР»РsРђС,Р°Сђ РjРsРПiРSP° Р·Р°СђС,РsСђРsРiСђРiР°С,Рё
РiС-РrР»С-С,РёР°Рj С- РrС-С,СђРj РiС-РёРsРj РiС-Рr 6 СђРsРёС-Рi РSP° С,РёС... РПμ
РiСђРёРSCђРёРiР°С..., С%Рs С- РrРsСђРsСђР»Рё РiР°СђС-С"РSC,Р°Рj (РrРёРi.
СђРsР·РrС-Р»Рё В«Р°Р°СђРjР°РёРsРёС-РSPμС,РёРёР°В» С,Р°
В«Р°Р°СђРjР°РёРsРrРёРSP°РjС-РёР°В»). РμСђРё РiРμСђРμС...РsРrС- Р·Р±Р°Р·Р»»СђРSPsРiРs
С-РSCђСђР»С-РSCђ РSP° РiСђРμРiР°СђР°С, РђРsРПiРμРs РђРsР»РsР°С,Р°Сђ
Р·РjРμРSCёРμРSPSCП РrРsР·Рё Р±Р°Р·Р»»СђРSPsРiРs С,Р° Р±РsР»СђСђРSPsРiРs
С-РSCђСђР»С-РSCђ РSPμРsР±С...С-РrРSPs СђРsР·СђР°С...РsРiСђРiР°С,Рё
С-РSPrРёРiС-РrСђР°Р»СђРSPs, С%РsР± РjС-РSC-РjС-Р·СђРiР°С,Рё СђРёР·РёРёРё
РiРёРSPёРёРSPμРSPSCП РiС-РiРsРiР»С-С-РёРμРjС-С— (РrРёРi. СђРsР·РrС-Р»

В«PhCfPcP±P»PëPIPsCfC,C- P·P°CfC,PsCfCfPIP°PSPSCfB»).

PuPμCfPμPrPsP·CzPIP°PSPSCf.

PŸPëPjPïC,PsPjPë. PμPμCfPμPrPsP·CfPIP°PSPSCf C-PSCfCfP»C-PSCf PjPsP¶Pμ
PïCfPëP·PIPμCfC,Pë PrPs C,CfP¶PePsC—, P° C-PSPsPrC- C,CfPëPIP°P»PsC—
PiC-PïPsPiP»C-PePμPjC-C—, CfPeP° PjPsP¶Pμ P±CfC,Pë PSPμP±PμP·PïPμCfPSPsCf PrP»Cf
P¶PëC,C,Cf C...PIPsCfPsPiPs.

P>C-PeCfPIP°PSPSCf. P>PμPiPeC- PIPëPïP°PrPePë PiC-PïPsPiP»C-PePμPjC-C— P·P°P·PIPëCfP°PNë
PjPsP¶CfC,Ch P±CfC,Pë CfPePsCfPëPiPsPIP°PSC- PïPμCfPsCfP°P»ChPSPëPj
P·P°CfC,PsCfCfPIP°PSPSCfPj PICfPiP»PμPIPsPrC-PI. PhPsP¶CfC,Ch P±CfC,Pë
PïPsC,CfC-P±PSC- C,P°PePsP¶ PePsCfPμPeCfC-Cf PrPsP·Pë P»C-PeP°CfCfChPePsPiPs
PïCfPμPïP°CfP°C,Cf, PIPSPμCfPμPSPSCf P·PjC-PS Cf CfPμP¶PëPj C...P°CfCfCfPIP°PSPSCf
CfPë C,,C-P·PëCfPSPsC— P°PeC,PëPIPsCfC,C-.

P'C-P»ChC€ C,CfP¶PeC- PμPïC-P·PsPrPë PiC-PïPsPiP»C-PePμPjC-C—, CfPeC-
CfCfPïCfPsPIPsPrP¶CfCfC,ChCfCf PePsPjPsCf, CfCfPrPsPjP°PjPë P°P±Ps
PSPμPICfPsP»PsPiC-CfPSPëPjPë PïPsCfCfC€PμPSPSCfPjPë, PIPëPjP°PïP°CfC,Ch
PIPSCfC,CfC-C€PSCfPsPjPb™ CfP·PsPIPsPiPs/PïC-PrC€PeC-CfPSPsPiPs PIPIPμPrPμPSPSCf
PiP»ChPeP°PiPsPSCf P°P±Ps PIPSCfC,CfC-C€PSCfPsPIPμPSPSPsPiPs PIPIPμPrPμPSPSCf
PePsPSCfPμPSC,CfPsPIP°PSPsPiPs CfPsP·CfPëPSCf PiP»ChPePsP·Pë. PhCfPeC-P»ChPePë
PiC-PïPsPiP»C-PePμPjC-Cf PjPsP¶Pμ PïPsPIC,PsCfPëC,PëCfCf PSP°PIC-C,Ch PïC-CfP»Cf
CfPIPsPiPs PïPsPeCfP°C%P°PSPSCf PeP»C-PSC-CfPSPsPiPs CfC,P°PSCf C...PIPsCfPsPiPs,
PSPμPsP±C...C-PrPSPëPjPë P·P°C...PsPrP°PjPë C" C,CfPëPIP°P»Pμ PïCfPëPNëPjP°PSPSCf
PICfPiP»PμPIPsPrC-PI C- CfPïPsCfC,PμCfPμP¶PμPSPSCf P·P° CfC,P°PSPsPj PïP°CfC-C"PSC,P°.

PuPsP±C-CfPSC- CfPμP°PeCfC-C—.

Pk°PIPμPrPμPSC- PSPëP¶CfPμ PïPsP±C-CfPSC- CfPμP°PeCfC-C— P±CfP»Pë
P·P°CfPμC"CfC,CfPsPIP°PSC- Cf C...PsPrC- PeP»C-PSC-CfPSPëC... PrPsCfP»C-PrP¶PμPSCf,
CfPeC- PïCfPsPIPsPrPëP»PëCfCf P· P·P°CfC,PsCfCfPIP°PSPSCfPj PïCfPμPïP°CfP°C,Cf
PŸPsP¶PμPs PŸPsP»PsPŸC,P°Cf (PrPëPI. CfPsP·PrC-P» B«PαP°CfPjP°PePsPrPëPSP°PjC-PeP°B»),
C,P° Cf CfP°PjPeP°C... PrPsCfPIC-PrCf PeP»C-PSC-CfPSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCf
C-PSCfCfP»C-PSCf PiP»P°CfPiC-PSCfB B B B B 100 PhPr./PjP». P"C-PïPsPiP»C-PePμPjC-Cf,
CfPe PïCfP°PIPëP»Ps, C" PSP°PNëCfP°CfC,C-C€PsCf PïPsP±C-CfPSPsCf CfPμP°PeCfC-C"Cf,
C%Ps CfPïPsCfC,PμCfC-PiP°C"C,ChCfCf PïC-Pr CfP°Cf C-PSCfCfP»C-PSPsC,PμCfP°PiC-C—.
P'PsPSP° PIPëPSPëPeP°C" C,PsPrC-, PePsP»Pë PrPsP·P° PIPIPμPrPμPSPsPiPs C-PSCfCfP»C-PSCf
PïPμCfPμPIPëC%CfC" PïPsC,CfPμP±Cf Cf PSCfPsPjCf.

PμPsP±C-CfPSC- CfPμP°PeCfC-C—, PïPsPIb™ CfP·P°PSC- C-P· P·P°CfC,PsCfCfPIP°PSPSCfPj
PïCfPμPïP°CfP°C,Cf, C%Ps CfPïPsCfC,PμCfC-PiP°P»PëCfCf PïC-Pr CfP°Cf
PeP»C-PSC-CfPSPëC... PrPsCfP»C-PrP¶PμPSCf, PSP°PIPsPrCfC,ChCfCf PSPëP¶CfPμ P·P°
PeP°C,PμPiPsCfC-CfPjPë B«PŸPëCfC,PμPjP°-PhCfPiP°PS-PbP»P°CfC» Cf PïPsCfCfPrPeCf
P·PjPμPSC€PμPSPSCf CfP°CfC,PsC,Pë PIPëPSPëPePSPμPSPSCf (PrCfP¶Pμ CfP°CfC,Ps (≥1/10);
CfP°CfC,Ps (≥1/100 бґ" < 1/10); PSPμCfP°CfC,Ps (≥1/1000 бґ" < 1/100); CfC-PrPePs (≥1/10 000
бґ" < 1/1000); PrCfP¶Pμ CfC-PrPePs (< 1/10 000); CfP°CfC,PsC,P° PSPμPIC-PrPsPjP° (PSPμ
PjPsP¶Pμ P±CfC,Pë PsCfC-PSPμPSP° P·P° PrPsCfC,CfPiPSPëPjPë PrP°PSPëPjPë)).

PJ PePsP¶PSC-PNᵒ P·C†PëC... PiCḡCṛPī PīPsP±C-C‡PSC- CḡPμP°PeC†C-C— PSP°PIPμPrPμPSPs Cṛ PīPsCḡCḲIPrPeCṛ P·PjPμPSC€PμPSPSCḲ CḲC,CṛPīPμPSCḲ C—C...PSCḡPsC— CḲPμCḡPNᵒPsP·PSPsCḲC,C-.

P PsP·P»P°PrPë P· P±PsPeCḡ C-PjCḡPSPSPsC— CḲPëCḲC,PμPjPë. P C-PrPePs: P°P»PμCḡPiC-C‡PSC- CḡPμP°PeC†C-C—.

PḡPμC,P°P±PsP»C-C‡PSC- C,P° P°P»C-PjPμPSC,P°CḡPSC- CḡPsP·P»P°PrPë. P" CṛP¶Pμ C‡P°CḲC,Ps: PiC-PīPsPiP»C-PePμPjC-CḲ.

P PsP·P»P°PrPë P· P±PsPeCḡ PSPμCḡPIPsPIPsC— CḲPëCḲC,PμPjPë. P" CṛP¶Pμ CḡC-PrPePs: PrPëCḲPiPμPIP·C-CḲ.

P PsP·P»P°PrPë P· P±PsPeCḡ PsCḡPiP°PSC-PI P·PsCḡCḡ. P C-PrPePs: PīPsCḡCṛC€PμPSPSCḲ P·PsCḡCṛ, CḡPμC,PëPSPsPīP°C,C-CḲ.

P PsP·P»P°PrPë P· P±PsPeCḡ C€PeC-CḡPë C,P° PiC-PrC€PeC-CḡPSPsC— PeP»C-C,PePsPIPëPSPë. P§P°CḲC,Ps: P»C-PīPsPiC-PīPμCḡC,CḡPsC,,C-CḲ. PḡPμC‡P°CḲC,Ps: P»C-PīPsP°C,CḡPsC,,C-CḲ. P§P°CḲC,PsC,P° PSPμPIC-PrPsPjP°: P°PjC-P»PsC—PrPsP· C€PeC-CḡPë.

P PsP·P»P°PrPë P· P±PsPeCḡ PsPīPsCḡPSPs-CḡCḡC...PsPIPsC— CḲPëCḲC,PμPjPë C,P° CḲPīPsP»CḡC‡PSPsC— C,PeP°PSPëPSPë. P" CṛP¶Pμ CḡC-PrPePs: PjC-P°P»PiC-CḲ.

PμPsCḡCḡC€PμPSPSCḲ P·P°PiP°P»CḡPSPsPiPs CḲC,P°PSCḡ C,P° CḡPμP°PeC†C-C— Cḡ PjC-CḲC†C- PIPIPμPrPμPSPSCḲ. P§P°CḲC,Ps: CḡPμP°PeC†C-C— Cṛ PjC-CḲC†C- C-PSḡḡ™C"PeC†C-PNᵒPSPsPiPs PIPIPμPrPμPSPSCḲ PīCḡPμPīP°CḡP°C,Cṛ. P C-PrPePs: PSP°P±CḡCḲPe.

PḡPμC,P°P±PsP»C-C‡PSC- C,P° P°P»C-PjPμPSC,P°CḡPSC- CḡPsP·P»P°PrPë. PḡCḲP¶PeC- PμPīC-P·PsPrPë PiC-PīPsPiP»C-PePμPjC-C—, PsCḲPsP±P»PëPIPs CḲPeC%ᵒPs PIPsPSPë PIPëPSPëPeP°CḡC,ḡ PSPμPsPrPSPsCḡP°P·PsPIPs, PjPsP¶CṛC,ḡ CḲC,P°C,Pë PīCḡPëC‡PëPSPsCḡ CṛCḡP°P¶PμPSPSCḲ PSPμCḡPIPsPIPsC— CḲPëCḲC,PμPjPë. PḡCḡPëPIP°P»P° P°P±Ps C,CḲP¶PeP° PiC-PīPsPiP»C-PePμPjC-CḲ PjPsP¶Pμ CḲC,P°PSPsPIPëC,Pë P·P°PiCḡPsP·Cṛ PrP»CḲ P¶PëC,C,CḲ C...PIPsCḡPsPiPs.

PJ P±P°PiP°C,ḡPsC... PīP°C†C-C" PSC,C-PI CḲPëPjPīC,PsPjP°Pj PSPμPrPsCḲC,P°C,PSḡḡPsPiPs PSP°PrC...PsPrP¶PμPSPSCḲ PiP»CḡPePsP·Pë PrPs PiPsP»PsPIPsPiPs PjPsP·PeCṛ (PSPμPNᵒCḡPsPiP»C-PePsPīPμPSC-CḲ) PīPμCḡPμPrCṛCḡC,ḡ PsP·PSP°PePë P°PrCḡPμPSPμCḡPiC-C‡PSPsC— PePsPSC,CḡCḡPμPiCṛP»CḲC†C-C—. PīPe PīCḡP°PIPëP»Ps, C‡PëPj P±C-P»ḡḡC€Pμ C,P° C€PIPëPrC€Pμ P·PSPëP¶CṛC" C,ḡCḲCḲ CḡC-PIPμPSḡḡ C†CṛPeCḡCṛ PI PeCḡPsPIC-, C,PëPj P±C-P»ḡḡC€ PIPëCḡP°P¶PμPSPsCḡ C" P°PrCḡPμPSPμCḡPiC-C‡PSP° PePsPSC,CḡCḡPμPiCṛP»CḲC†C-CḲ C,P° C-PSC,PμPSCḲPëPIPSC-C€Pμ PīCḡPsCḲPIP»CḲCḡC,ḡCḲCḲ CḲPëPjPīC,PsPjPë, C...P°CḡP°PeC,PμCḡPSC- PrP»CḲ PSPμC—.

P PsP·P»P°PrPë P· P±PsPeCṛ C-PjCṛPSPSPsC— CḲPëCḲC,PμPjPë. P PμP°PeC†C-C— PiC-PīPμCḡC‡CṛC,P»PëPIPsCḲC,C- PSPμPiP°PNᵒPSPsPiPs C,PëPiCṛ PSP° C-PSCḲCṛP»C-PS PIPëPSPëPeP°CḡC,ḡ CḡC-PrPePs. PμCḡPsCḲPIPë C,P°PePëC... CḡPμP°PeC†C-PNᵒ PSP° C-PSCḲCṛP»C-PS (Cṛ C,PsPjCṛ C‡PëCḲP»C- PSP° C-PSCḲCṛP»C-PS PiP»P°CḡPiC-PS) P°P±Ps PrPsPīPsPjC-P¶PSC- CḡPμC‡PsPIPëPSPë PjPsP¶CṛC,ḡ P±CṛC,Pë, PSP°PīCḡPëPeP»P°Pr, PīPsPiḡḡ™CḲP·P°PSC- P· PiPμPSPμCḡP°P»C-P·PsPIP°PSPëPjPë CḡPμP°PeC†C-CḲPjPë P· P±PsPeCṛ C€PeC-CḡPë, P°PSPiC-PsPSPμPICḡPsC,PëC‡PSPëPj PSP°P±CḡCḲPePsPj,

PIPIPμPrPμPSPSCΠ P±CfP»P° PīPsPrC-P±PSPsCḤ PrPs C,P°PePsC— PīCḤPē
P»C-PeCfPIP°PSPSC- PīCḤPμPīP°CḤP°C,PsPj C-PSCfCfP»C-PS PīP»P°CḤPīC-PS 100 PhPr./PjP»
(PIC-PrPīPsPIC-PrPSPs 2,5 % C- 2,8 %).

P—CḤC-PrPeP° C-PSCfCfP»C-PS PjPsP¶Pμ PīCḤPēP·PIPpsPrPēC,Pē PrPs PīPsCΠPIPē
PSP°P±CḤCΠPeC-PI, PsCfPsP±P»PēIPs Cf PIPēPīP°PrPeP°C..., PePsP»Pē P·P°PIPrCΠPePē
PīPsCfPēP»PμPSPSCḤ C-PSC,PμPSCfPēPIPSPsCfC,C- C-PSCfCfP»C-PSPsC,PμCḤP°PīC-C—
PIPrP°C”C,CHCfCΠ PīPsPeCḤP°C%PēC,Pē PīP»C-PePμPjC-C±PSPēPNē PePsPSC,CḤPsP»CHḤ,
CΠPePēPNē PrPs C†CHPsPiPs PSPμ P±CfPI P°PrPμPePIP°C,PSPēPj.

P”C-C,Pē C,P° PīC-PrP»C-C,PePē.

P’PμP·PīPμPeP° C,P° PμC,,PμPeC,PēPIPSC-CfC,CH PīCḤPμPīP°CḤP°C,Cf PŷPsP¶PμPs P±CfP»Pē
PīCḤPsPrPμPjPsPSCfC,CḤPsPIP°PSC- PI PrPsCfP»C-PrP¶PμPSPSC- P·P° CfC±P°CfC,CḤ
PrC-C,PμPNē PIC-PePsPj PIC-Pr 6 PrPs 18 CḤPsPeC-PI. P§P°CfC,PsC,P°, C,PēPī C-
C,CΠP¶PeC-CfC,CH PīPsP±C-C±PSPēC... CḤPμP°PeC†C-PNē Cf PrC-C,PμPNē C” C,P°PePēPjPē
CfP°PjPēPjPē, CΠPe C- PI P·P°PīP°P»CHPSC-PNē PīPsPīCfP»CΠC†C-C— C...PIPSCḤPēC... PSP°
C†CfPeCḤPsPIPēPNē PrC-P°P±PμC, (PrPēPI. CḤPsP·PrC-P»
B«PαP°CḤPjP°PePsPrPēPSP°PjC-PeP°B»). P”P°PSC- C%PsPrPs P±PμP·PīPμPePē
PeP»C-PSC-C±PSPsPiPs P·P°CfC,PsCfCfPIP°PSPSCΠ PrC-C,CΠPj PIC-PePsPj PrPs 6 CḤPsPeC-PI
PSPμPrPsCfC,CfPīPSC-.

P†PSC€C- PsCfPsP±P»PēPIC- PīPsPīCfP»CΠC†C-C—. PkP° PsCfPSPsPIC-
CḤPμP·CfP»CHC,P°C,C-PI PeP»C-PSC-C±PSPēC... PrPsCfP»C-PrP¶PμPSCHḤ
PīCḤPsC,,C-P»CHḤ P±PμP·PīPμPePē PīCḤPμPīP°CḤP°C,Cf PŷPsP¶PμPs PŷPsP»PsPŷC,P°CḤ
PrP»CΠ PīP°C†C-C”PSC,C-PI P»C-C,PSCHḤPsPiPs PIC-PeCf C,P° PrP»CΠ C...PIPSCḤPēC...
P· PSPēCḤPePsPIPsCḤ PSPμPrPsCfC,P°C,PSC-CfC,CḤ P±CfP»Pē PīPsPrC-P±PSC- PrPs
C,P°PePsPiPs Cf P·P°PīP°P»CHPSC-PNē PīPsPīCfP»CΠC†C-C— PīP°C†C-C”PSC,C-PI
(PrPēPI. CḤPsP·PrC-P» B«PαP°CḤPjP°PePsPrPēPSP°PjC-PeP°B»).

PμPsPIC-PrPsPjP»PμPSPSCΠ C%PsPrPs PNēPjPsPIC-CḤPSPēC... PīPsP±C-C±PSPēC...
CḤPμP°PeC†C-PNē. PμPsPIC-PrPsPjP»PμPSPSCΠ PīCḤPs PīC-PrPsP·CḤCḤPIP°PSC-
PīPsP±C-C±PSC- CḤPμP°PeC†C-C— Cf PīPμCḤC-PsPr PīC-CfP»CΠ CḤPμC”CfC,CḤP°C†C-C—
C†CHḤPsPiPs PīCḤPμPīP°CḤP°C,Cf C” PIP°P¶P»PēPIPēPj P·P°C...PsPrPsPj. P’PsPSPē PrP°CḤC,CHḤ
P·PjPsPīCf PīCḤPsPrPsPIP¶CfPIP°C,Pē PePsPSC,CḤPsP»CHḤ P·P°
CfPīC-PIPIC-PrPSPsC€PμPSPSCΠPj PePsCḤPēCfC,CH/CḤPēP·PēPe PīCḤPē
P·P°CfC,PsCfCfPIP°PSPSC- C†CHḤPsPiPs P»C-PeP°CḤCfCHḤPePsPiPs P·P°CfPsP±Cf.
PḤPμPrPēC±PSPēC... PīCḤP°C†C-PIPSPēPeC-PI PīCḤPsCfCΠC,CH PīPsPIC-PrPsPjP»CΠC,Pē
PīCḤPs P±CfPrCHḤ-CΠPeC- PīC-PrPsP·CḤCḤPIP°PSC- PīPsP±C-C±PSC- CḤPμP°PeC†C-C—
C±PμCḤPμP· PrPμCḤP¶P°PIPSCf CfPēCfC,PμPjCf PīPsPIC-PrPsPjP»PμPSCHḤ.

PŷPμCḤPjC-PS PīCḤPēPrP°C,PSPsCfC,C-. 30 PjC-CfCΠC†C-PI.

PŷPμCḤPjC-PS PīCḤPēPrP°C,PSPsCfC,C- C€PīCḤPēC†-CḤCfC±PePē PīC-CfP»CΠ PīPμCḤC€PsPiPs
PIPēPePsCḤPēCfC,P°PSPSCΠ P°P±Ps C€PīCḤPēC†-CḤCfC±PePē, CΠPeCf P±PμCḤCfC,CHḤ P·
CfPsP±PsCḤ CΠPe P·P°PīP°CfPSCf: C€PīCḤPēC†-CḤCfC±PePē CfP»C-Pr P·P±PμCḤC-PiP°C,Pē
PSPμ P±C-P»CHC€Pμ 42 PrPSC-PI PīCḤPē C,PμPjPīPμCḤP°C,CfCḤC- PSPμ PIPēC%Pμ 30 B°Pŷ
Cf P·P°C...PēC%PμPSPsPjCf PIC-Pr CfPIC-C,P»P° PjC-CfC†C-. PēPīCḤPēC†-CḤCfC±PeCf,
CΠPeP° PīPμCḤPμP±CfPIP°C” Cf PIPēPePsCḤPēCfC,P°PSPSC-, PSPμ CfP»C-Pr

$P \cdot P \pm P_{\mu} C_{\eta} C - P_i P^{\circ} C, P\ddot{e} \text{ } C_r \text{ } C \dots P_s P \gg P_s P_r P\ddot{e} P \gg C H P S P \ddot{e} P e C_r. P_{\mu} C - C \acute{I} P \gg C_{\eta} P e P_s P \P P S P_s C -$
 $C - P S B_{\eta}^{\text{TM}} C'' P e C \dagger C - C - P S P^{\circ} C \acute{e} P i C_{\eta} P \ddot{e} C \dagger - C_{\eta} C_r C \ddagger P e C_r C \acute{I} P \gg C - P_r P \cdot P S P_s P I C_r P S P^{\circ} P_r C_{\eta} P i C, P\ddot{e}$
 $P e P_s P I P i P^{\circ} C \ddagger P_s P e P \cdot P_j P_{\mu} C, P_s C_{\eta} P \cdot P^{\circ} C \dots P \ddot{e} C \acute{I} C, C_r P I C - P_r C \acute{I} P I C - C, P \gg P^{\circ}.$

$P_j P_j P_s P I P \ddot{e} P \cdot P \pm P_{\mu} C_{\eta} C - P_i P^{\circ} P S P S C_{\eta}.$

$P - P \pm P_{\mu} C_{\eta} C - P_i P^{\circ} C, P\ddot{e} \text{ } C_r \text{ } P S P_{\mu} P_r P_s C \acute{I} C, C_r P i P S P_s P_j C_r P_r P \gg C_{\eta} P_r C - C, P_{\mu} P N_{\ddot{e}} P_j C - C \acute{I} C \dagger C -.$

$P_{\mu} P_{\mu} C_{\eta} P_{\mu} P_r P i P_{\mu} C_{\eta} C \acute{e} P \ddot{e} P_j P I P \ddot{e} P e P_s C_{\eta} P \ddot{e} C \acute{I} C, P^{\circ} P S P S C_{\eta} P_j C \acute{e} P i C_{\eta} P \ddot{e} C \dagger - C_{\eta} C_r C \ddagger P e P \ddot{e}$
 $P \cdot P \pm P_{\mu} C_{\eta} C - P_i P^{\circ} C, P\ddot{e} \text{ } C_r \text{ } C \dots P_s P \gg P_s P_r P\ddot{e} P \gg C H P S P \ddot{e} P e C_r P i C_{\eta} P \ddot{e} C, P_{\mu} P_j P i P_{\mu} C_{\eta} P^{\circ} C, C_r C_{\eta} C - 2 B_{\eta}^{\text{TM}} 8$
 $B^{\circ} P \check{Y} \text{ } C_r \text{ } P \cdot P^{\circ} C \dots P \ddot{e} C \% P_{\mu} P S P_s P_j C_r P I C - P_r C \acute{I} P I C - C, P \gg P^{\circ} P_j C - C \acute{I} C \dagger C -. P \acute{K} P_{\mu}$
 $P \cdot P^{\circ} P_j P_s C_{\eta} P_s P \P C_r P I P^{\circ} C, P\ddot{e}!$

$P \ddot{e} P i C_{\eta} P \ddot{e} C \dagger - C_{\eta} C_r C \ddagger P e P^{\circ} P i C - C \acute{I} P \gg C_{\eta} P i P_{\mu} C_{\eta} C \acute{e} P_s P i P_s P I P \ddot{e} P e P_s C_{\eta} P \ddot{e} C \acute{I} C, P^{\circ} P S P S C_{\eta} P^{\circ} P \pm P_s$
 $C \acute{e} P i C_{\eta} P \ddot{e} C \dagger - C_{\eta} C_r C \ddagger P e P^{\circ}, C_{\eta} P e C_r P \pm P_{\mu} C_{\eta} C_r C, C H P \cdot C \acute{I} P_s P \pm P_s C_{\eta} C_{\eta} P e P \cdot P^{\circ} P i P^{\circ} C \acute{I} P S C_r:$
 $P_r P \ddot{e} P I. C_{\eta} P_s P \cdot P_r C - P \gg B \ll P \check{Y} P_{\mu} C_{\eta} P_j C - P S P i C_{\eta} P \ddot{e} P_r P^{\circ} C, P S P_s C \acute{I} C, C - B \gg.$

$P \acute{K} P_{\mu} C \acute{I} C \acute{z} P_j C - C \acute{I} P S C - C \acute{I} C, C H.$

$P_{\mu} C_{\eta} P_{\mu} P i P^{\circ} C_{\eta} P^{\circ} C, P \check{Y} P_s P \P P_{\mu} P_s P \check{Y} P_s P \gg P_s P \check{Y} C, P^{\circ} C_{\eta} P S P_{\mu} P_j P_s P \P P S P^{\circ} P \cdot P_j C - C \acute{e} C_r P I P^{\circ} C, P\ddot{e} P \cdot$
 $P \P P_s P_r P S P \ddot{e} P_j C - P S C \acute{e} P \ddot{e} P_j P i C_{\eta} P_{\mu} P i P^{\circ} C_{\eta} P^{\circ} C, P_s P_j C - P S C \acute{I} C_r P \gg C - P S C_r C \ddagger P \ddot{e} P \cdot C - P S C \acute{e} P \ddot{e} P_j P \ddot{e}$
 $P \gg C - P e P^{\circ} C_{\eta} C \acute{I} C H P e P \ddot{e} P_j P \ddot{e} P \cdot P^{\circ} C \acute{I} P_s P \pm P^{\circ} P_j P \ddot{e} P^{\circ} P \pm P_s C_{\eta} P_s P \cdot P I P_s P_r P \ddot{e} C, P\ddot{e} P S P \ddot{e} P_j P \ddot{e}.$
 $P - P_j C - C \acute{e} C_r P I P^{\circ} P S P S C_{\eta} P \cdot C - P S C \acute{e} P \ddot{e} P_j P \ddot{e} P i C_{\eta} P_{\mu} P i P^{\circ} C_{\eta} P^{\circ} C, P^{\circ} P_j P \ddot{e} P^{\circ} P \pm P_s$
 $C_{\eta} P_s P \cdot P I P_{\mu} P_r P_{\mu} P S P S C_{\eta} C \dagger C H P_s P i P_s P i C_{\eta} P_{\mu} P i P^{\circ} C_{\eta} P^{\circ} C, C_r P \cdot P_j C - P S C_{\eta} C'' P N_{\ddot{e}} P_s P i P_s$
 $P i C_{\eta} P_s C,, C - P \gg C H P_r C - C - C_r C \ddagger P^{\circ} C \acute{I} C -, P^{\circ} P \cdot P_j C - C \acute{e} C_r P I P^{\circ} P S P S C_{\eta} P \cdot C - P S C \acute{e} P \ddot{e} P_j P \ddot{e}$
 $P i C_{\eta} P_{\mu} P i P^{\circ} C_{\eta} P^{\circ} C, P^{\circ} P_j P \ddot{e} P i C_{\eta} P \ddot{e} P \cdot P I P_s P_r P \ddot{e} C, C H P_r P_s C_r C, P I P_s C_{\eta} P_{\mu} P S P S C_{\eta} P_s C \acute{I} P^{\circ} P_r C_r.$

$P_j P i P^{\circ} P e P_s P I P e P^{\circ}.$ $B,, - 1, B,, - 3, B,, - 5: P i P_s 1, 5 P_j P \gg C_r P e P^{\circ} C_{\eta} C, C_{\eta} P \ddot{e} P_r P \P C -,$
 $P I P_j P_s P S C, P_s P I P^{\circ} P S P_s P_j C_r P I P_s P_r P S P_s C_{\eta} P^{\circ} P \cdot P_s P I C_r C \acute{e} P i C_{\eta} P \ddot{e} C \dagger - C_{\eta} C_r C \ddagger P e C_r; P i P_s 1, 3 P^{\circ} P \pm P_s$
 $5 C \acute{e} P i C_{\eta} P \ddot{e} C \dagger - C_{\eta} C_r C \ddagger P_s P e P I P e P^{\circ} C_{\eta} C, P_s P S P S C - P N_{\ddot{e}} P e P_s C_{\eta} P_s P \pm C \dagger C -. P'' P_s P \gg P e P \ddot{e} P I$
 $C_r P i P^{\circ} P e P_s P I P e C_r P S P_{\mu} P I P e P \gg C_{\eta} C \ddagger P_{\mu} P S C -.$

$P_{\text{LB}} P^{\circ} C, P_{\mu} P i P_s C_{\eta} C - C_{\eta} P I C - P_r P i C_r C \acute{I} P e C_r.$ $P - P^{\circ} C_{\eta} P_{\mu} C \dagger P_{\mu} P i C, P_s P_j.$

$P' P \ddot{e} C_{\eta} P_s P \pm P S P \ddot{e} P e.$ $P \check{Y} P^{\circ} P S P_s C,, C - - P_{\eta} P I P_{\mu} P S C, C - C \acute{I} P'' P_s P N_{\ddot{e}} C \ddagger P \gg P^{\circ} P S P_r P'' P_j P \pm P \acute{I},$
 $P \acute{K} C - P_j P_{\mu} C \ddagger C \ddagger P \ddot{e} P S P^{\circ}.$

$P_{\text{HB}} C - C \acute{I} C \dagger P_{\mu} P \cdot P S P^{\circ} C \dots P_s P_r P \P P_{\mu} P S P S C_{\eta} P I P \ddot{e} C_{\eta} P_s P \pm P S P \ddot{e} P e P^{\circ} C, P^{\circ} P N_{\ddot{e}} P_s P i P_s$
 $P^{\circ} P_r C_{\eta} P_{\mu} C \acute{I} P^{\circ} P_j C - C \acute{I} C \dagger C_{\eta} P i C_{\eta} P_s P I P^{\circ} P_r P \P P_{\mu} P S P S C_{\eta} P_r C - C_{\eta} P \gg C H P S P_s C \acute{I} C, C -.$
 $P' C_{\eta} C_{\eta} P S C - P S P i C \acute{e} C, C_{\eta} P^{\circ} C \acute{I} C \acute{I} P_{\mu} 50, P \dagger P S P_r C_r C \acute{I} C, C_{\eta} C - P i P^{\circ} C_{\eta} P e P \acute{I} C H P_s C \dots C \acute{I} C,, 65926$
 $P \acute{x} C_{\eta} P^{\circ} P S P e C,, C_r C_{\eta} C, - P S P^{\circ} - P_{\text{HB}} P^{\circ} P N_{\ddot{e}} P S C -, P \acute{K} C - P_j P_{\mu} C \ddagger C \ddagger P \ddot{e} P S P^{\circ}.$