

**P†PSCÍC,CḡCřPeC†C-Cİ**

**PrP»Cİ PjPµPrPëC‡PSPsPiPs P·P°CÍC,PsCÍCřPIP°PSPSCİ P»C-PeP°CḡCÍCHPePsPiPs  
P·P°CÍPsP±Cř**

**PŸPµPḡP—P“Pḡ**

**(SPASGO)**

**PŸPeP»P°Pr:**

*PrC-CḡC‡C- CḡPµC‡PsPIPëPSPë: PİP°CḡP°C†PµC,P°PjPsP», PrPëC†PëPeP»PsPjC-PSCř  
PiC-PrCḡPsC...P»PsCḡPëPr;*

1 C,P°P±P»PµC,PeP° PjC-CÍC,PëC,CH PİP°CḡP°C†PµC,P°PjPsP»Cř 500 PjPi C,P°  
PrPëC†PëPeP»PsPjC-PSCř PiC-PrCḡPsC...P»PsCḡPëPrCř 20 PjPi;

*PrPsPiPsPjC-PḡPSC- CḡPµC‡PsPIPëPSPë: PeCḡPsC...PjP°P»CH PeCřPeCřCḡCřPrP·CİPSPëPNë,  
PḡPµP»P°C,PëPS, PSP°C,CḡC-Cḡ PjPµC,PëP»PİP°CḡP°P±PµPS (E 219), PSP°C,CḡC-Cḡ  
PiCḡPsPiC-P»PİP°CḡP°P±PµPS (E 217), PSP°C,CḡC-Cḡ PjPµC,P°P±C-CÍCřP»CHC,,C-C, (E 223),  
PİPsP»C-PIC-PSC-P»PİC-CḡPsP»C-PrPsPS (Pḡ-30), PjP°PiPSC-Cḡ CÍC,PµP°CḡP°C,, C,P°P»CHPe,  
PSP°C,CḡC-Cḡ PeCḡPsC...PjP°P»CHPiP»C-PePsP»CİC,.*

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

*PḡCÍPSPsPIpsc- C,,C-P·PëPePs-C...C-PjC-C‡PSC- PIP»P°CÍC,PëPIPsCÍC,C-: C,P°P±P»PµC,PePë  
PeCḡCřPiP»C-, PİP»PsCÍPeC-, P±C-P»PsPiPs P°P±Ps PjP°PNëPḡPµ P±C-P»PsPiPs  
PePsP»CHPsCḡCř, P· CḡPëCÍPePsCḡ P· PsPrPSPsPiPs P±PsPeCř, P· C,,P°CÍPePsCḡ.*

**P»P°CḡPjP°PePsC,PµCḡP°PİPµPIC,PëC‡PSP° PiCḡCřPİP°. PḡPSP°P»PiPµC,PëPePë C,P°  
P°PSC,PëPiC-CḡPµC,PëPePë. PµP°CḡP°C†PµC,P°PjPsP», PePsPjP±C-PSP°C†C-C— P±PµP·  
PİCÍPëC...PsP»PµPiC,PëPeC-PI. PḡPsPr PḡTPI N02B E51.**

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

*P»P°CḡPjP°PePsPrPëPSP°PjC-PeP°.*

PµP°CḡP°C†PµC,P°PjPsP» PrC-C” CİPe P·PSPµP±PsP»CHPIP°P»CHPSPëPNë C,P°  
PḡP°CḡPsP·PSPëPḡCřPIP°P»CHPSPëPNë P·P°CÍC-P±. PḡPSP°P»PiPµC,PëC‡PSP° C,P°  
PḡP°CḡPsP·PSPëPḡCřPIP°P»CHPSP° PrC-Cİ PİP°CḡP°C†PµC,P°PjPsP»Cř  
(PSPµPsPiC-P°C,PSPsPiPs, PSPµCÍP°P»C-C†PëP»P°C,PSPsPiPs P°PSP°P»PiPµC,PëPeP°)  
PİPsPIBḡ™ CİP·P°PSP° P· PİPİP»PëPIPsPj PİCḡPµPİP°CḡP°C,Cř PSP° C†PµPSC,Cḡ  
C,PµCḡPjPsCḡPµPiCřP»CİC†C-C— Cř PiC-PİPsC,P°P»P°PjCřCÍC- C,P°

P·PrP°C,PSC-CTC,CH C-PSPiC-P±CrPIP°C,Pë CTëPëPSC,PµP·  
PiCTëPsCTC,P°PiP»P°PSPPrPëPSC-PI.

P"PëC†PëPeP»PsPjC-PSCr PiC-PrCTëPsC...P»PsCTëPëPr бт" C,CTëPµC,PëPSPSPëPNë P°PjC-PS.  
PñP°C" P°PSC,PëC...PsP»C-PSPµCTëPiC-C†PSCr P°PeC,PëPIPSC-CTC,CH C- P·PSPëP¶CTC"  
C,PsPSCrCTC PiP»P°PrPµPSCñPePsC— PjCrCTëPeCrP»P°C,CrCTëPë, CrCTCCTëPIP°C" P±C-P»CH,  
P±P»PsPeCrC" P°PSC,P°PiPsPSC-CTC,PëC†PSCr P°PeC,PëPIPSC-CTC,CH.  
P"PëC†PëPeP»PsPjC-PSCr PiC-PrCTëPsC...P»PsCTëPëPr PIPëP±C-CTëPePsPIPs PïP°CTëP°P»C-P·CrC"  
Pñ-C...PsP»C-PSPsCTëPµP°PeC,PëPIPSC- CTC,CTëCrPeC,CrCTëPë, P±P»PsPeCrCTC†Pë  
PiPµCTëPµPrP°C†Cr C-PjPiCrP»CHCTC-PI PiPsCTC,PiP°PSPiP»C-PsPSP°CTëPSPëC...  
C...PsP»C-PSPµCTëPiC-C†PSPëC... PSPµCTëPIC-PI PSP° C-PSPSPµCTëPICrCTC†C- PSPëPjPë  
PµC,,PµPeC,PsCTëPSC- PsCTëPiP°PSPë. PÿPiCTëPëC†PëPSC¶C" CTëPsP·CTP»P°P±P»PµPSPSC¶  
PiP»P°PrPµPSCñPePëC... Pjбт™ C¶P·C-PI, PiCTëPsC¶PIP»C¶CTC†Pë  
CTëPiP°P·PjPsP»C-C,PëC†PSPëPNë PµC,,PµPeC, PiCTëPë CTëPiP°P·PjP°C... PiP»P°PrPµPSCñPePëC...  
Pjбт™ C¶P·C-PI CëP»CrPSPeP°, PePëCëPµC†PSPëPeCr, P¶PsPIC†PsPIPëPIC-PrPSPëC...  
CëP»C¶C...C-PI, CrCTëPsPiPµPSC-C,P°P»CHPSPsC— C- CTëCrPrPëPSPSPsC— CTëPëCTC,PµPj.

**PñP»C-PSC-C†PSC- C...P°CTëP°PeC,PµCTëPëCTC,PëPePë.**

***PµPsPeP°P·P°PSPSC¶.***

P'PsP»CHPsPIC- CTëPëPSPPrCTëPsPjPë P·C- CTëPiP°CTC,PëC†PSPëPj PePsPjPiPsPSPµPSC,PsPj  
CTëC-P·PSPsPiPs PïPsC...PsPrP¶PµPSPSC¶:

- PiPsP»PsPIPSPëPNë P±C-P»CH;
- P·CrP±PSPëPNë P±C-P»CH;
- Pjбт™ C¶P·PsPIPëPNë P±C-P»CH, PSPµPICCTëP°P»PiC-C¶;
- CTëPµPIPjP°C,PëC†PSPëPNë P±C-P»CH, CTëP°PrPëPeCrP»C-C,Pë;
- PSPëCTëPePsPIP° PePsP»C-PeP°;
- PjPµPSCCTC,CTëCrP°P»CHPSPëPNë P±C-P»CH.

***PµCTëPsC,PëPiPsPeP°P·P°PSPSC¶.***

P"P»P°CrPePsPjP°, C,P°C...C-PeP°CTëPrC-C¶, PSPµPiCTëPsC...C-PrPSC-CTC,CH  
CTëPµC†PsPIPëPIC-PrPSPëC... CëP»C¶C...C-PI, PjC-P°CTC,PµPSC-C¶, PiC-PrPIPëC%oPµPSP°  
C†CrC,P»PëPIC-CTC,CH PrPs PePsPjPiPsPSPµPSC,C-PI PiCTëPµPiP°CTëP°C,Cr, C,C¶P¶PeC-  
PiPsCTëCrCëPµPSPSC¶ C,,CrPSPeC†C-C— PSPëCTëPsPe C,P°/P°P±Ps PiPµC†C-PSPePë,  
PrPµC,,C-C†PëC,B B B B B B B B B B B B B B B B PiP»CTëPePsP·Ps-6-  
C,,PsCTC,,P°C,PrPµPiC-PrCTëPsPiPµPSP°P·Pë, P°P»PePsPiPsP»C-P·Pj,  
P·P°C...PIPsCTëCTëPIP°PSPSC¶ PeCTëPsPIC-, Cr C,PsPjCr C†PëCTP»C- P°PSPµPjC-C¶,  
P»PµPNëPePsPiPµPSC-C¶. PñP±CTC,CTëCrPeC,PëPIPSC- P·P°C...PIPsCTëCTëPIP°PSPSC¶  
C,CTëP°PIPSPsPiPs C,CTëP°PeC,Cr, CrCTëPsPiPµPSC-C,P°P»CHPSPsPiPs C,CTëP°PeC,Cr,

P¶PsPIC±PsPIPëPIC-PrPSPëC... C€P»C¶C...C-PI. PµPµPïC,PëC±PSP° PIPëC¶P°P·PeP°  
C€P»CrPSPeP° P°P±Ps PrPIP°PSP°PrC±C¶C,PëPïP°P»PsC— PePëC€PePë. P PµC,,P»C¶PeC¶-  
PµP·PsC,,P°PiC-C,. P”PsC¶C,C¶P° PeC¶PsPIPsC,PµC±P°. P”PsP±C¶PsC¶PeC-C¶PSP°  
PiC-PïPµC¶C,C¶PsC,,C-C¶ PïPµC¶PµPrPjC-C...CrC¶PsPIPsC— P·P°P»PsP·Pë P·  
C,PµPSPPrPµPSC†C-C”C¶ PrPs P·P°C,C¶PëPjPePë C¶PµC±PsPIPëPïC¶C¶PeP°PSPSC¶.  
P”PëPSP°PjC-C±PSP° PePëC€PePsPIP° PSPµPïC¶PsC...C-PrPSC-C¶C,C¶. PÿC¶P¶PeC-  
P·P°C...PIPsC¶C¶PIP°PSPSC¶ PïPµC±C-PSPePë C,P° PSPëC¶PsPe. P’C¶PsPrP¶PµPSC-  
PiC-PïPµC¶P±C-P»C-C¶C¶P±C-PSPµPjC-C— (C¶PëPSPPrC¶PsPjPë P-C-P»C¶P±PµC¶P°,  
P”CrP±C-PSP°-P”P¶PsPSC¶PsPSP° C,P° P PsC,PsC¶P°).

**P’P·P°C”PjPsPrC-C¶ P· C-PSC€PëPjPë P»C-PeP°C¶C¶C¶PePëPjPë  
P·P°C¶PsP±P°PjPë C,P° C-PSC€C- PIPëPrPë PIP·P°C”PjPsPrC-PNë.**

P¶C¶PsP±P»PëPIPsC¶C,C- PIP·P°C”PjPsPrC-C— PïC¶PµPïP°C¶P°C,C¶  
P·CrPjPsPIP»PµPSC- PIP»P°C¶C,PëPIPsC¶C,C¶PjPë PNëPsPiPs C¶PeP»P°PrPsPIPëC....

PµP°C¶P°C†PµC,P°PjPsP», C%Ps PIC...PsPrPëC,C¶ PrPs C¶PeP»P°PrC¶ PïC¶PµPïP°C¶P°C,C¶,  
P·PjPµPSC€C¶C” PµC,,PµPeC,PëPIPsC-C¶C,C¶ PrC-C¿C¶PµC,PëPeC-PI, P° C,P°PePsP¶  
P·P±C-P»C¶C€C¶C” C¶PëP·PëPe PïPµPïP°C,PsC,PsPeC¶PëC±PSPëC... C¶PµP°PeC†C-PNë PïC¶Pë  
C¶C¶PjC-C¶PSPsPjC¶ PïC¶PëPNëPsPjC- P· P±P°C¶P±C-C,C¿C¶P°C,P°PjPë, PrPëC,,PµPSC-P»PsPj,  
PeP°C¶P±P°PjP°P·PµPïC-PSPsPj, C¶PëC,,P°PjPïC-C†PëPSPsPj C,P° C-PSC€PëPjPë  
C-PSPrC¿PeC,PsC¶P°PjPë PjC-PeC¶PsC¶PsPjP°P»C¶PSPëC... PïPµC±C-PSPePsPIPëC...  
C,,PµC¶PjPµPSC,C-PI, P° C,P°PePsP¶ PïC¶PsC,PëC¶C¿PrPsPjPSPëPjPë P·P°C¶PsP±P°PjPë.  
PëPIPëPrPeC-C¶C,C¶ PIC¶PjPsPeC,C¶PIP°PSPSC¶ PïP°C¶P°C†PµC,P°PjPsP»C¶ PjPsP¶Pµ  
P·P±C-P»C¶C€C¶PIP°C,PëC¶C¶ PïC¶Pë C¶C¶PjC-C¶PSPsPjC¶ P·P°C¶C,PsC¶C¶PIP°PSPSC- P·  
PjPµC,PsPeP»PsPïC¶P°PjC-PrPsPj C,P° PrPsPjPïPµC¶PëPrPsPSPsPj C-  
P·PjPµPSC€C¶PIP°C,PëC¶C¶ PïC¶Pë C¶C¶PjC-C¶PSPsPjC¶ P·P°C¶C,PsC¶C¶PIP°PSPSC- P·  
C...PsP»PµC¶C,PëC¶P°PjC-PSPsPj. P·C,,PµPeC, PrC-C— PïP°C¶P°C†PµC,P°PjPsP»C¶  
PïPsC¶PëP»C¶C”C,C¶C¶C¶ PïC¶Pë PNëPsPiPs PePsPjP±C-PSP°C†C-C— P· PePsPrPµC—PSPsPj,  
P°C¶PePsC¶P±C-PSPsPIPsC¶ PePëC¶P»PsC,PsC¶, C¶PePsPiPsP»P°PjC-PSPsPj,  
C...P»PsC¶C,,PµPSP°PjC-PSPsPj, PïC¶PsPïC-C,,PµPSP°P·PsPSPsPj C,P° PePsC,,PµC—PSPsPj.  
P¶PrPSPsC±P°C¶PSPµ P·P°C¶C,PsC¶C¶PIP°PSPSC¶ PïP°C¶P°C†PµC,P°PjPsP»C¶ P·  
P°P·PëPrPsC,PëPjC-PrPëPSPsPj PjPsP¶Pµ PïC¶PëP·PIPµC¶C,Pë PrPs C¶PsP·PIPëC,PeC¶  
PSPµPNëC,C¶PsPïPµPSC-C—. P¶PSC,PëPePsP°PiC¶P»C¶PSC,PSPëPNë PµC,,PµPeC,  
PIP°C¶C,,P°C¶PëPSC¿C,P° C-PSC€PëC... PeC¿PjP°C¶PëPSC-PI PïPsC¶PëP»C¶C”C,C¶C¶C¶  
PïC¶Pë C,C¶PëPIP°P»PsPjC¶ C¶PµPiC¶P»C¶C¶PSPsPjC¶ P·P°C¶C,PsC¶C¶PIP°PSPSC-  
PïP°C¶P°C†PµC,P°PjPsP»C¶. PµC-PrPIPëC%CrC”C,C¶C¶C¶ C¶PëP·PëPe PeC¶PsPIPsC,PµC±C-  
PµPµC¶C-PsPrPëC±PSPëPNë PïC¶PëPNëPsPj PSPµ PjP°C” P·PSP°C±PµPSPSC¶.  
P¶PrPSPsC±P°C¶PSPµ P·P°C¶C,PsC¶C¶PIP°PSPSC¶ PïP°C¶P°C†PµC,P°PjPsP»C¶ P·  
PSPµC¶C,PµC¶PsC—PrPSPëPjPë PïC¶PsC,PëP·P°PïP°P»C¶PSPëPjPë P·P°C¶PsP±P°PjPë  
P·P±C-P»C¶C€C¶C” C¶PëP·PëPe PIPëPSPëPePSPµPSPSC¶ CrC¶PeP»P°PrPSPµPSC¶ P·  
P±PsPeC¶ PSPëC¶PsPe. PµC¶Pë PsPrPSPsC±P°C¶PSPsPjC¶ P·P°C¶C,PsC¶C¶PIP°PSPSC-  
PïP°C¶P°C†PµC,P°PjPsP»C¶ P· PïPµPïP°C,PsC,PsPeC¶PëC±PSPëPjPë P·P°C¶PsP±P°PjPë  
P·P±C-P»C¶C€C¶C”C,C¶C¶C¶ C,PsPeC¶PëC±PSPëPNë PIPïP»PëPI PïC¶PµPïP°C¶P°C,C-PI PSP°  
PïPµC±C-PSPeC¶. PÿP»C-Pr P±C¶C,Pë PsP±PµC¶PµP¶PSPëPjPë PïC¶Pë PsPrPSPsC±P°C¶PSPsPjC¶  
P·P°C¶C,PsC¶C¶PIP°PSPSC- PïP°C¶P°C†PµC,P°PjPsP»C¶ P· C,,P»C¿PeP»PsPeC¶P°C†PëP»C-PSPsPj,  
PsC¶PeC-P»C¶PePë C,P°PePëPNë PsPrPSPsC±P°C¶PSPëPNë PïC¶PëPNëPsPj  
P°C¶PsC†C-C¶C”C,C¶C¶C¶ P· PjPµC,P°P±PsP»C-C±PSPëPj P°C†PëPrPsP·PsPj P· PIPëC¶PsPePëPj  
P°PSC-PsPSPSPëPj PïC¶PsPjC-P¶PePsPj C¶Pe PSP°C¶P»C-PrPePsPj

PiC-CTHPsPiP»CrC,P°PjC-PSPsPIsPiPs P°C†PēPrPsP·Cr, PsC†PsP±P»PēPIPs Cr  
PiP°C†C-C"PS C,C-PI P· C,,P°PeC,PsCTHP°PjPē CTHPēP·PēPeCr (PrPēPI. CTHPsP·PrC-P»  
B«PhC†PsP±P»PēPIPsC†C,C- P·P°C†C,PsC†CrPIP°PSPSCIB»).

P·C,,PμPeC, PrPēC†PēPeP»PsPjC-PSCr PiC-PrCTHPsC...P»PsCTHPēPrCr PiPsC†PēP»CTHCTC,CH  
P°PjP°PSC,P°PrPēPS, P°PSC,PēPiC†PēC...PsC,PēC†PSC- P°PiPμPSC,Pē,  
P±PμPSP·PsPrC-P°P·PμPiC-PSPē, C-PSPiC-P±C-C,PsCTHPē PḡPhPh, PSP°CTHPePsC,PēC†PSC-  
P°PSP°P»PiPμC,PēPePē, PSC-C,CTHP°C,Pē C- PSC-C,CTHPēC,Pē, C†PēPjPiP°C,PsPjC-PjPμC,PēPePē,  
C,CTHPēC†PēPeP»C-C†PSC- P°PSC,PēPrPμPiCTHPμC†P°PSC,Pē, C...PsP»C-PSPsP»C-C,PēPePē,  
PePsCTHC,PēPePsC†C,PμCTHPsC-PrPē; P·PSPēP¶C†CTHC,CH Bḡ“ P°PSC,P°C†PēPrPē.  
P"PeC†PēPeP»PsPjC-PSCr PiC-PrCTHPsC...P»PsCTHPēPr PiPsC†PēP»CTHC" PrC-CTH  
PrPēPiPsPeC†PēPSCé.

### **PhC†PsP±P»PēPIPsC†C,C- P·P°C†C,PsC†CzPIP°PSPSCII.**

PkPμPsP±C...C-PrPSPs PiPsCTHP°PrPēC,PēC†C¶ P· P»C-PeP°CTHPμPj C†C,PsC†PsPIPSPs  
PjPsP¶P»PēPIPsC†C,C- P·P°C†C,PsC†CrPIP°PSPSC¶ PiCTHPμPiP°CTHP°C,Cr PiP°C†C-C"PS C,P°Pj P·  
PiPsCTHC†C€PμPSPSC¶PjPē C,,CrPSPeC†C-C— PSPēCTHPsPe C- PiPμC†C-PSPePē.

PμPμCTHPμPr P·P°C†C,PsC†CrPIP°PSPSC¶Pj PiCTHPμPiP°CTHP°C,Cr PSPμPsP±C...C-PrPSPs  
PiPsCTHP°PrPēC,PēC†C¶ P· P»C-PeP°CTHPμPj, C¶PeC%Ps PiP°C†C-C"PS C, P·P°C†C,PsC†PsPICrC"  
PIP°CTHC,,P°CTHPēPS P°P±Ps PiPsPrC-P±PSC- PiCTHPμPiP°CTHP°C,Pē, C¶PeC- PjP°CTHC,CH  
P°PSC,PēPePsP°PiCrP»C¶PSC,PSPēPNē PμC,,PμPeC,.

PμCTHPē P·P°C†C,PsC†CrPIP°PSPSC- PiP°CTHP°C†PμC,P°PjPsP»Cr PSPμPsP±C...C-PrPSPēPNē  
PePsPSC,CTHPsP»CH PeP°CTHC,PēPSPē PiPμCTHPēC,,PμCTHPēC†PSPsC— PeCTHPsPIC- i  
C,,CrPSPeC†iPsPSP°P»CHPSPsPiPs C†C,P°PSCr PiPμC†C-PSPePē. PkPμ  
CTHPμPePsPjPμPSPrCrC"C,CHC†C¶ P·P°C†C,PsC†PsPICrPIP°C,Pē PsPrPSPsC†P°C†PSPs P·  
C-PSC€PēPjPē PiCTHPμPiP°CTHP°C,P°PjPē, C%Ps PjC-C†C,C¶C,CH PiP°CTHP°C†PμC,P°PjPsP»,  
C†PμCTHPμP· PjPsP¶P»PēPIC-C†C,CH PiPμCTHPμPIPēC%PμPSPSC¶ PrPsP·Pē.

PμCTHPē PiCTHPēP·PSP°C†PμPSPSC- PiCTHPμPiP°CTHP°C,Cr PSP° C,PμCTHPjC-PS P±C-P»CHC€Pμ 3  
PrPSC-PI PiPsC,CTHC-P±PμPS PePsPSC,CTHPsP»CH P»C-PeP°CTHC¶ P·P° C†C,P°PSPsPj  
C...PIPsCTHPsPiPs.

P— PsP±PμCTHPμP¶PSC-C†C,CTH C†P»C-Pr P·P°C†C,PsC†PsPICrPIP°C,Pē C...PIPsCTHPēPj  
P»C-C,PSCHPsPiPs PIC-PeCr, PsC†PsP±P°Pj, C¶PeC- P·P»PsPIP¶PēPIP°CTHC,CH  
P°P»PePsPiPsP»PμPj.

P— PsP±PμCTHPμP¶PSC-C†C,CTH PiCTHPēP·PSP°C†P°C,Pē PiCTHPē C†PμCTHC†PμPIC-PNē  
PSPμPrPsC†C,P°C,PSPsC†C,C-, C†C,PμPSPsP·C- PiC-P»PsCTHPēC†PSPsPiPs PIC-PrPrC-P»Cr  
C€P»CrPSPeP°, PiPsCTHC†C€PμPSPSC- C,,CrPSPeC†C-PNē PSPēCTHPsPe C- PiPμC†C-PSPePē.

PḡPsP¶Pμ PiPsC†PēP»CTHIP°C,Pē PiP°C†C,CTHPsPμP·PsC,,P°PiPμP°P»CHPSPēPNē  
CTHPμC,,P»CTHeC†.

P PēP·PēPe PiPμPiP°C,PsPeC†PēC†PSPsC— PrC-C— PiP°CTHP°C†PμC,P°PjPsP»Cr  
PiC-PrPIPēC%CrC"C,CHC†C¶ Cr C...PIPsCTHPēC... P· P°P»PePsPiPsP»CHPSPēPj  
CrCTHP°P¶PμPSPSC¶Pj PiPμC†C-PSPePē.

PμP°CTHP°C†PμC,P°PjPsP» PjPsP¶Pμ PIPiP»PēPIP°C,Pē PSP° CTHPμP·CrP»CHC,P°C,Pē

P»P°P±PsCḡP°C,PsCḡPSPëC... PrPsCíP»C-PrP¶PµPSCḡ PIPjC-CíC,Cr Cr PeCḡPsPIC-  
PiP»CḡPePsP·Pë C,P° CíPµC‡PsPIPsC— PePëCíP»PsC,Pë.

PµPsPIC-PrPsPjP»C¶P»PsCíC¶ PíCḡPs PIPëPíP°PrPePë PjPµC,P°P±PsP»C-C‡PSPsPiPs  
P°C‡PëPrPsP·Cr P· PIPëCíPsPePëPj P°PSC-PsPSPSPëPj PíCḡPsPjC-P¶PePsPj (*high anion gap  
metabolic acidosis* (HAGMA)) C¶Pe PSP°CíP»C-PrPeCr PíC-CḡPsPiP»CrC,P°PjC-PSPsPIPsPiPs  
P°C‡PëPrPsP·Cr Cr PíP°C‡C-C°PSC,C-PI P· C,C¶P¶PePëPjPë  
P·P°C...PIPsCḡCḡPIP°PSPSC¶PjPë, C,P°PePëPjPë C¶Pe C,C¶P¶PeP° PSPëCḡPePsPIP°  
PSPµPrPsCíC,P°C,PSC-CíC,Cḡ C,P° CíPµPíCíPëCí, P°P±Ps Cr PíP°C‡C-C°PSC,C-PI P·  
PSPµPrPsC—PrP°PSPSC¶Pj C‡Pë PSP°C¶PIPsC-CíC,Cḡ C-PSCëPëC... PíCḡPëC‡PëPS  
PrPµC,,C-C‡PëC,Cr PiP»CrC,P°C,C-PsPSCr (PSP°PíCḡPëPeP»P°Pr, C...CḡPsPSC-C‡PSPëPNë  
P°P»PePsPiPsP»C-P·Pj), C¶PeC- P·P°CíC,PsCíPsPICrPIP°P»Pë PíP°CḡP°C‡PµC,P°PjPsP» Cr  
C,PµCḡP°PíPµPIC,PëC‡PSC-PNë PrPsP·C- PíCḡPsC,C¶PiPsPj C,CḡPëPIP°P»PsPiPs  
PíPµCḡC-PsPrCr P°P±Ps PePsPjP±C-PSP°C‡C-Cḡ PíP°CḡP°C‡PµC,P°PjPsP»Cr C,P°  
C,,P»CrPeP»PsPeCíP°C‡PëP»C-PSCr. PíPeC%Ps C-CíPSCrC° PíC-PrPsP·CḡP° PSP° HAGMA  
C¶Pe PSP°CíP»C-PrPsPe PíC-CḡPsPiP»CrC,P°PjC-PSPsPIPsPiPs P°C‡PëPrPsP·Cr,  
CḡPµPePsPjPµPSPrCrC°C,CḡCíC¶ PSPµPíP°PNëPSPs PíCḡPëPíPëPSPëC,Pë  
P·P°CíC,PsCíCíPIP°PSPSC¶ PíP°CḡP°C‡PµC,P°PjPsP»Cr C,P° PíCḡPsPIPµCíC,Pë  
CḡPµC,PµP»CḡPSPëPNë PjPsPSC-C,PsCḡPëPSPi CíC,P°PSCr PíP°C‡C-C°PSC,P°.  
P·PëPjC-CḡCḡPIP°PSPSC¶ CḡC-PIPsC¶ 5-PsPeCíPsPíCḡPsP»C-PSCr PI CíPµC‡C- PjPsP¶Pµ  
P±CrC,Pë PePsCḡPëCíPSPëPj PrP»C¶ C-PrPµPSC,PëC,,C-PeP°C‡C-C—  
PíC-CḡPsPiP»CrC,P°PjC-PSPsPIPsPiPs P°C‡PëPrPsP·Cr C¶Pe PsCíPSPsPIPsC—  
PíCḡPëC‡PëPSPë HAGMA Cr PíP°C‡C-C°PSC,C-PI P· PjPSPsP¶PëPSPSPëPjPë  
C,,P°PeC,PsCḡP°PjPë CḡPëP·PëPeCr.

P— PsP±PµCḡPµP¶PSC-CíC,Cḡ PíCḡPëP·PSP°C‡P°C,Pë PíCḡPµPíP°CḡP°C, C...PIPsCḡPëPj  
PíCḡPë PSP°C¶PIPsCíC,C- P°CḡC,PµCḡC-P°P»CḡPSPsC— PíC-PíPsC,PµPSP·C-C—,  
CíC...PëP»CḡPSPsCíC,C- PrPs P±CḡPsPSC...PsCíPíP°P·PjC-PI, P° C,P°PePsP¶ PíCḡPë  
PíC-PrPIPëC%PµPSC-PNë C-PSPrPëPIC-PrCrP°P»CḡPSC-PNë C‡CrC,P»PëPIPsCíC,C- PrPs  
PSPµCíC,PµCḡPsC—PrPSPëC... PíCḡPsC,PëP·P°PíP°P»CḡPSPëC... P·P°CíPsP±C-PI. PµCḡPë  
C,CḡPëPIP°P»PsPjCr P·P°CíC,PsCíCíPIP°PSPSC- CíP»C-Pr PePsPSC,CḡPsP»CḡPIP°C,Pë  
PeP»C-C,PëPSPSPëPNë CíPeP»P°Pr PíPµCḡPëC,,PµCḡPëC‡PSPsC— PeCḡPsPIC- C,P° CíC,P°PS  
C,,CrPSPeC‡C-C— PSPëCḡPsPe.

P°PëC‡PëPeP»PsPjC-PS P· PsP±PµCḡPµP¶PSC-CíC,Cḡ CíP»C-Pr PíCḡPëP·PSP°C‡P°C,Pë PíCḡPë  
PSPµCíPíPµC‡PëC,,C-C‡PSPsPjCr PIPëCḡP°P·PePsPIPsPjCr PePsP»C-C,C- (PSPµP±PµP·PíPµPeP°  
PIPëPSPëPePSPµPSPSC¶ PíP°CḡP°P»C-C,PëC‡PSPsC— PSPµPíCḡPsC...C-PrPSPsCíC,C-),  
PíCḡPëP¶C- C,CḡP°PIPsPiPs PsC,PIPsCḡCr PrC-P°C,,CḡP°PiPjPë, C%Ps  
CíCíPíCḡPsPIPsPrP¶CíC°C,CḡCíC¶ CḡPµC,,P»CḡPeCí·PµP·PsC,,P°PiC-C,PsPj.

PJ C...PIPsCḡPëC..., C¶PeC- PíCḡPëPNëPjP°CḡC,Cḡ P°PSC,PëC...PsP»C-PSPµCḡPiC-C‡PSC-  
PíCḡPµPíP°CḡP°C,Pë, PjPsP¶Pµ PIPëPSPëPeP°C,Pë PíCíPëC...PsP·, CíPíP»CrC,P°PSC-CíC,Cḡ  
CíPIC-PrPsPjPsCíC,C-, P°C,P°PeCíC-C¶, PePsPjP°, PµPNëC,,PsCḡC-C¶, CíP»P°P±PeC-CíC,Cḡ,  
P±PµP·CíPsPSPSC¶, P·P±CrPrP¶PµPSPSC¶, PSPµP°PrPµPePIP°C,PSC- PµPjPsC‡C-PNëPSC-  
PíCḡPsC¶PIPë (CíPëPjPíC,PsPjPë P·PjPµPSCëCíCḡC,CḡCíC¶ PíCḡPsC,C¶PiPsPj 12вḡ“24  
PiPsPrPëPS PíC-CíP»C¶ P·PSPëP¶PµPSPSC¶ PrPsP·Pë).

P— PsP±PµCḡPµP¶PSC-CíC,Cḡ PíCḡPëP·PSP°C‡P°C,Pë PíCḡPë PIPëCíPsPeC-PNë  
C,PµPjPíPµCḡP°C,CíCḡC- PSP°PIPePsP»PëCëPSCḡPsPiPs CíPµCḡPµPrPsPIPëC%P°  
(C‡PµCḡPµP· P·PSPëP¶PµPSPSC¶ PíPsC,PsPIPëPrC-P»PµPSPSC¶ P·CḡPsCíC,P°C°  
C-PjPsPIC-CḡPSC-CíC,Cḡ PíC-PíPµCḡC,PµCḡPjC-C— C,P° C,PµPíP»PsPIPsPiPs CrPrP°CḡCr).

РµР°С†С-С"РSC,Р°Рј, СЇРёС- РёСђРёР№РјР°СђС,Сђ Р°РSP°Р»РµРµС,РёРёРё РёРSP¶РµРS  
РrРµРSCђ РёСђРё Р°СђС,СђРёС,Р°С... Р»РµРµРёС— С„РSCђРјРё, РSPµРSP±С...С-РrРSPs  
РёСђРёРёРSPSCЃСђР»СђС,СђРIP°С,РёСЃСЇ Р· Р»С-РёР°СђРµРј.

РќРµ РёРµСђРµРµРµР°СђРIP°С,Рё Р·Р°Р·РSP°СµРSPёС... РrРSP·.

РёРёС°Рs СЃРёРјРёС,РSPµ Р·РSPёРёР°СђС,Сђ, СЃР»С-Рr Р·РIPµСђРSCЃС,РёСЃСЇ РrРs  
Р»С-РёР°СђСЇ.

РёРёС°Рs РёРSP»РSPIPSPёР№ Р±С-Р»Сђ СЃС,Р°С" РёРSCЃС,С-Р№РSPёРј, СЃР»С-Рr  
Р·РIPµСђРSCЃС,РёСЃСЇ РrРs Р»С-РёР°СђСЇ.

*Р—Р°СЃС,РSCЃСђРIP°РSPSCЇ Сђ РёРµСђС-РSPr РIP°РёС-С,РSPSCЃС,С- Р°Р±Рs  
РёРSPrСђРIP°РSPSCЇ РёСђСђРrСђ.*

РµСђРµР°СђС, РSPµ Р·Р°СЃС,РSCЃСРёСђРIP°С,Рё Р¶С-РSPёРј Сђ РёРµСђС-РSPr  
РIP°РёС-С,РSPSCЃС,С- Р°Р±Рs РёРSPrСђРIP°РSPSCЇ РёСђСђРrСђ.

*Р—РrР°С,РSC-СЃС,Сђ РIP»РёРIP°С,Рё РSP° СёРIPёРrРёС-СЃС,Сђ СђРµР°С-С— РёСђРё  
РёРµРµСђРIP°РSPSC- Р°РёС,РSC,СђР°СЃСЃРёРёСђС,РSP Р°Р±Рs С-РSCёРёРјРё  
РјРµ...Р°РSC-Р·Р°Р°Рё.*

Р°СђР°...РSPRСђСђРё, С°Рs РёСђРµРµР°СђС, Сђ СђСђС,Р»РёРёС...  
С...РIPSCђС... РјРSP¶Рµ Р·РSPёР¶РIP°С,Рё СёРIPёРrРёС-СЃС,Сђ  
РёСЃРёС...РSPРsС,РSCђРSPёС... СђРµР°С-Р№, РSP° РёРµСђС-РSPr  
С,РµСђР°С— РёСђРµРµР°СђС,РSP РёСђР°С°Рµ СђС,СђРёРјР°СђС,РёСЃСЇ РёС-Рr  
РёРµРµСђРIP°РSPSCЇ С,СђР°СЃСЃРёРёСђС,РSPёРј Р·Р°СЃРSP±Р°РјРё С,Р°  
СђРSP±РsС,Рё Р·С-РSCёРёРјРё РјРµ...Р°РSC-Р·Р°РёРё, С°Рs  
РёРsС,СђРµРµР±СђС,Сђ РёРSPSCµРSC,СђР°С-С— СђРIP°РёРё.

***РŸРёРSPСЃС-Р± Р·Р°СЃС,РSCЃСђРIP°РSPSCЇ С,Р° РrРSP·Рё.***

РµСђРµРµРµР°СђС, РёСђРёР№РјР°СђС,Рё РIPSCЃС,СђС-СёРSCђРs, Р·Р·РёРёРIP°СђСРё  
РSPµРIPµР»РёРёРёРёСђ РёС-Р»СђРёС-СЃС,Сђ СђС-РrРёРSPё (200 РјР»).

*Р"РSCђРSPСЃР»РёРј С- РrС-С,СЇРј РёС-РёРSP РёС-Рr 15 СђРSPёС-Рё: 1 С,Р°Р±Р»РµС,С†С-  
Р·Р»Р»РSPs РёС-Рr РёРSCЃС,СђРsС,Рё Р±РSP»Сђ, РёС-Рr 1 РrРs 4 СђР°С-Рё РSP°  
РrРSP±Сђ.*

*Р"С-С,СЇРј РёС-РёРSP РёС-Рr 7 РrРs 13 СђРSPёС-Рё: ½ С,Р°Р±Р»РёРё РёС-Рr 1 РrРs 2  
СђР°С-Рё РSP° РrРSP±Сђ;*

*Р"С-С,СЇРј РёС-РёРSP РёС-Рr 13 РrРs 15 СђРSPёС-Рё: 1 С,Р°Р±Р»РёРё,РёР° РёС-Рr 1 РrРs 3  
СђР°С-Рё РSP° РrРSP±Сђ.*

РёР°РёСђРёРјР»СђРSP° РrРSP±РSPIP° РrРSP·Р° РrР»СЇ РrРSPСђРSP»РёС...Б

СГГ,Р°PSPsPIPëC,CH 2 C,Р°P±P»PµC,PePë 4 CГP°P·Pë PSP° PrPsP±CГ.

PÿPµCГPjC-PS P»C-PeCГPIP°PSPSCЦ PIPëP·PSP°C±P°C” P»C-PeP°CГ  
C-PSPrPëPIC-PrCГP°P»CHbPSPs, P·P°P»PµP¶PSPs PIC-Pr CГC,Р°PSCГ C,Р° CГPµP°PeCГC-C—  
C...PIPsCГPsPiPs.

P”C-C,Pë.

PµCГPµPïP°CГP°C, PSPµ PïCГPëP·PSP°C±P°C,Pë PrC-C,CЦPj PIC-PePsPj PrPs 7  
CГPsPeC-PI.

### ***PµPµCГPµPrPsP·CзPIP°PSPSCЦ.***

PÿPëPjPiC,PsPjPë PïPµCГPµPrPsP·CзPIP°PSPSCЦ, P·CзPjPsPIP»PµPSC-  
PiP°CГP°CГPµC,Р°PjPsP»PsPj. PjCГP°P¶PµPSPSCЦ PïPµC±C-PSPePë PjPsP¶P»PëPIPµ CГ  
PrPsCГPsCГP»PëC..., CЦPeC- PïCГPëPµPSCЦP»Pë 10 Pi C- P±C-P»CHbCëPµ  
PïP°CГP°CГPµC,Р°PjPsP»CГ, C,Р° CГ PrC-C,PµPNë, CЦPeC- PïCГPëPµPSCЦP»Pë  
P±C-P»CHbCëPµ 150 PjPi/PePi PjP°CГPë C,C-P»P°. Pj PïP°CГC-C”PSC,C-PI P·  
C,,P°PeC,PsCГP°PjPë CГPëP·PëPeCГ (C,CГPëPIP°P»Pµ P»C-PeCГPIP°PSPSCЦ  
PeP°CГP±P°PjP°P·PµPiC-PSPsPj, C,,PµPSPsP±P°CГP±C-C,PsPSPsPj,  
C,,PµPSC-C,PsC—PSPsPj, PïCГPëPjC-PrPsPSPsPj, CГPëC,,P°PjPiC-CГPëPSPsPj,  
P·PIC-CГPsP±PsC”Pj P°P±Ps C-PSCëPëPjPë P»C-PeP°CГCГCHbPePëPjPë  
P·P°CГPsP±P°PjPë, C%Ps C-PSPrCГPeCГCГC,CH C,,PµCГPjPµPSC,Pë PïPµC±C-PSPePë;  
CГPµPiCГP»CЦCГPSPµ PIP¶PëPIP°PSPSCЦ PSP°PrPjC-CГPSPëC...  
PeC-P»CHbPePsCГC,PµPNë PµC,Р°PSPsP»CГ; PiP»CГC,Р°C,C-PsPSPsPIP°  
PeP°C...PµPeCГC-CЦ (CГPsP·P»P°PrPë C,CГP°PIP»PµPSPSCЦ,  
PjCГPePsPIC-CГCГPëPrPsP·, P’PГP>-C-PSC,,PµPeCГC-CЦ, PiPsP»PsPr,  
PeP°C...PµPeCГC-CЦ) P·P°CГC,PsCГCГPIP°PSPSCЦ 5 Pi P°P±Ps P±C-P»CHbCëPµ  
PïP°CГP°CГPµC,Р°PjPsP»CГ PjPsP¶Pµ PïCГPëP·PIPµCГC,Pë PrPs CГCГP°P¶PµPSPSCЦ  
PïPµC±C-PSPePë.

PÿPëPjPiC,PsPjPë PïPµCГPµPrPsP·CГPIP°PSPSCЦ CГ PïPµCГCëC- 24 PiPsPrPëPSPë:  
P±P»C-PrC-CГC,CH, PSCГPrPsC,Р°, P±P»CHbPIP°PSPSCЦ, P°PSPsCГPµPeCГC-CЦ C,Р°  
P°P±PrPsPjC-PSP°P»CHbPSPëPµ P±C-P»CHb. PjCГP°P¶PµPSPSCЦ PïPµC±C-PSPePë PjPsP¶Pµ  
CГC,Р°C,Pë CЦPIPSPëPj C±PµCГPµP· 12-48 PiPsPrPëPS PïC-CГP»CЦ  
PïPµCГPµPrPsP·CГPIP°PSPSCЦ. PµPsP¶CГC,CH PIPëPSPëPeP°C,Pë PïPsCГCëPµPSPSCЦ  
PjPµC,Р°P±PsP»C-P·PjCГ PiP»CHbPePsP·Pë C,Р° PjPµC,Р°P±PsP»C-C±PSPëPµ P°CГPëPrPsP·.  
PµCГPë C,CЦP¶PePsPjCГ PsC,CГCГC”PSPSC- PïPµC±C-PSPePsPIP°  
PSPµPrPsCГC,Р°C,PSC-CГC,CH PjPsP¶Pµ PïCГPsPiCГPµCГCГPIP°C,Pë PI  
PµPSCГPµC,,P°P»PsPiP°C,C-CГ, PeCГPsPIPsPIPëP»PëPIPë, PiC-PiPsPiP»C-PePµPjC-CГ, PePsPjCГ  
C,Р° P»PµC,Р°P»CHbPSPëPµ PSP°CГP»C-PrPsPe. P”PsCГC,CГP° PSPëCГPePsPIP°  
PSPµPrPsCГC,Р°C,PSC-CГC,CH P· PiPsCГC,CГPëPj PSPµPeCГPsP·PsPj PeP°PSP°P»CHbCГC-PI  
PjPsP¶Pµ PïCГPsCЦPIP»CЦC,PëCГCЦ CГPëP»CHbPSPëPj PïPsPiPµCГPµPePsPIPëPj P±PsP»PµPj,  
PiPµPjP°C,CГCГC-C”CГ, PïCГPsC,PµC—PSCГCГC-C”CГ C- CГPsP·PIPëPSCГC,PëCГCЦ  
PSP°PIC-C,CH PïCГPë PIC-PrCГCГC,PSPsCГC,C- C,CЦP¶PePsPiPs CГCГP°P¶PµPSPSCЦ

РіРµСѲС-РSPePē. Р'С-РrР·PSP°СѲР»PēCfCЦ C,Р°PePsP¶ CfPµCђC†PµPIP° Р°CђPēC,PjC-ЦЦ C,Р° РіР°PSPeCђPµР°C,PēC,.

РµCђPē C,CђPēPIP°P»PsPjCf Р·Р°CfC,PsCfCfPIP°PSPSC- РіCђPµРіР°CђP°C,Cf Cf PIPµP»PēPePēC... РrPsP·Р°C... Р· Р±PsPeCf PsCђPіР°PSC-PI PeCђPsPIPsC,PIPsCђPµPSPSCЦ PjPsP¶Pµ CђPsP·PIPēPSCfC,PēCfCђ Р°РіР»Р°CfC,PēC†PSP° Р°PSPµPjC-ЦЦ, РіР°PSC†PēC,PsPіPµPSC-ЦЦ, Р°РіCђP°PSCfP»PsC†PēC,PsP·, PSPµPNēC,CђPsPіPµPSC-ЦЦ, P»PµPNēPePsPіPµPSC-ЦЦ, C,CђPsPjP±PsC†PēC,PsPіPµPSC-ЦЦ. РµCђPē РіCђPēPNēPsPjC- PIPµP»PēPePēC... РrPsP· Р· Р±PsPeCf C†PµPSC,CђP°P»CђPSPSc— PSPµCђPIPSPiPsC— CfPēCfC,РµPjPē – Р·Р°РіР°PjPsCђPsC†PµPSPSCЦ, РіCfPēC...PsPjPsC,PsCђPSPµ Р·Р±CfPrP¶PµPSPSCЦ C- РіPsCђCfCёPµPSPSCЦ PsCђC-С"PSC,Р°C†C-С; Р· Р±PsPeCf CfPµC†PsPIPēPrC-P»CђPSPSc— CfPēCfC,РµPjPē – PSPµC,,CђPsC,PsPeCfPēC†PSC-CfC,Cђ (PSPēCђPePsPIP° PePsP»C-PeP°, C-PSC,РµCђCfC,PēC†C-Р°P»CђPSPēPNē PSPµC,,CђPēC,, PeP°РіC-P»CЦCђPSPēPNē PSPµPeCђPsP·).

РµCђPē РіPµCђPµPrPsP·CfPIP°PSPSC- PSPµPsP±C...C-PrPSP° CёPIPēPrPeP° PjPµPrPēC†PSP° РrPsPіPsPjPsPіP°. РµР°C†C-С"PSC,Р° CfP»C-Pr PSPµPіP°PNēPSPs РrPsCfC,Р°PIPēC,Pē Cf P»C-PeP°CђPSCђ, PSP°PIC-C,Cђ CЦPeC%Ps PIC-PrCfCfC,PSC- CђP°PSPSC- CfPēPjPіC,PsPjPē РіPµCђPµPrPsP·CfPIP°PSPSCЦ. PŸPēPjPіC,PsPjPē PjPsP¶CfC,Cђ Р±CfC,Pē PsP±PjPµP¶PµPSC- PSCfPrPsC,PsCђ C,Р° Р±P»CђPIP°PSPSCЦPj Р°P±Ps PjPsP¶CfC,Cђ PSPµ PIC-PrPsP±CђP°P¶P°C,Pē C,CЦP¶PePsCfC,C- РіPµCђPµPrPsP·CfPIP°PSPSCЦ C†Pē CђPēP·PēPeCf CfCђP°P¶PµPSPSCЦ PsCђPIP°PSC-PI. PŸP»C-Pr CђPsP·PіP»CЦPSCfC,Pē P»C-PeCfPIP°PSPSCЦ Р°PeC,PēPIPSPiP°PSPēPj PICfPіC-P»CЦPj, CЦPeC%Ps PSP°PrPjC-CђPSP° РrPsP·Р° РіP°CђP°C†PµC,Р°PjPsP»Cf Р±CfP»Р° РіCђPēPNēPSCЦC,Р° Cf PjPµP¶P°C... 1 РіPsPrPēPSPē. РµPsPSC†PµPSC,CђP°C†C-С РіP°CђP°C†PµC,Р°PjPsP»Cf Cf РіРіP»Р°P·PjC- PeCђPsPIC- CfP»C-Pr PIPēPjC-CђCђPIP°C,Pē C†PµCђPµP· 4 РіPsPrPēPSPē Р°P±Ps РіC-P·PSC-CёPµ РіC-CfP»CЦ РіCђPēPNēPsPjCf (Р±C-P»CђCё CђP°PSPSC- PePsPSC†PµPSC,CђP°C†C-С— С" PSPµ РrPsCfC,PsPIC-CђPSPēPjPē). P»C-PeCfPIP°PSPSCЦ N- Р°C†PµC,PēP»C†PēCfC,РµC—PSPsPj PjPsP¶Pµ Р±CfC,Pē Р·Р°CfC,PsCfPsPIP°PSPs РіCђPsC,CЦPіPsPj 24 РіPsPrPēPS РіC-CfP»CЦ РіCђPēPNēPsPjCf РіР°CђP°C†PµC,Р°PjPsP»Cf, Р°P»Pµ PjP°PeCfPēPjP°P»CђPSPēPNē Р·Р°C...PēCfPSPēPNē РµC,,РµPeC, PSP°CfC,Р°C" РіCђPē PNēPsPіPs Р·Р°CfC,PsCfCfPIP°PSPSC- РіCђPsC,CЦPіPsPj 8 РіPsPrPēPS РіC-CfP»CЦ РіCђPēPNēPsPjCf. Р·C,,РµPeC,PēPIPSC-CfC,Cђ Р°PSC,PēPrPsC,Cf CђC-Р·PePs Р·PSPēP¶CfC"С,CђCfCЦ РіC-CfP»CЦ C†CђPsPіPs C†P°CfCf. РµCђPē PSPµPsP±C...C-PrPSPsCfC,C- РіР°C†C-С"PSC,Cf PIPSCfC,CђC-CёPSCђPsPIPµPSPSPs CfP»C-Pr PIPiPsPrPēC,Pē N-Р°C†PµC,PēP»C†PēCfC,РµC—PS Р·PіC-PrPSPs Р·C- PICfC,Р°PSPsPIP»PµPSPēPj РіPµCђPµP»C-PePsPj РrPsP·. РµCђPē PIC-PrCfCfC,PSPsCfC,C- Р±P»CђPIP°PSPSCЦ PjPsP¶PSP° Р·Р°CfC,PsCfPsPICfPIP°C,Pē PjPµC,C-PSPSC-PS РіPµCђPsCђP°P»CђPSPs CЦPe PIC-PrPіPsPIC-PrPSCf Р°P»CђC,РµCђPSP°C,PēPICf Cf PIC-PrPrP°P»PµPSPēC... CђP°PNēPsPSP°C... РіPsP·Р° P»C-PeP°CђPSPµCђ.

*PŸPēPjPіC,PsPjPē РіPµCђPµPrPsP·CзPIP°PSPSCЦ, P·CзPjPsPIP»PµPSC- PrPēC†PēPeP»PsPjC-PSCз РіC-PrCђPsC...P»PsCђPēPrPsPj. PŸP°C...C-PeP°CђPrC-ЦЦ, Р±CђP°PrPēPeP°CђPrC-ЦЦ, Р°CђPēC,PjC-ЦЦ, Р·PjC-PSP° C†P°CfC,PsC,Pē PrPēC...P°PSPSCЦ, CfCfC...C-CfC,Cђ Cf CђPsC,C-, Р·Р±CfPrP¶PµPSPSCЦ, CfPsPSP»PēPIC-CfC,Cђ, PIC,CђP°C,Р° Р°PePsPjPsPrP°C†C-С—, C,,PsC,PsC,,PsP±C-ЦЦ, CfCfPrPsPjPē.*

РµPµCђPµPrPsP·CfPIP°PSPSCЦ C...P°CђP°PeC,РµCђPēP·CfC"С,CђCfCЦ РrPiPsC,,Р°P·PSC-CfC,Cђ: CfPіPsC†P°C,PeCf PIPēPSPēPeP°C" Р·Р±CfPrP¶PµPSPSCЦ C†PµPSC,CђP°P»CђPSPSc— PSPµCђPIPSPiPsC— CfPēCfC,РµPjPē, C%Ps

$P - P \pm P_s P_e C \acute{e} C \acute{I} P \acute{e} C \acute{I} C, P_\mu P_j P \acute{e} P_e C \acute{I} P_s P I C -$ :  $PrCrP \P P_\mu C \acute{I} C - PrPePs$  бҗ“  
 $PiP_\mu P_j PsP \gg C - C, P \acute{e} C \ddagger P S P^\circ P^\circ P S P_\mu P_j C - C \ddagger, C \acute{I} C \acute{I} P \gg C H C,, P_i P_\mu P_j P_s P_i P \gg P_s P \pm C - P S P_\mu P_j C - C \ddagger C -$   
 $P_j P_\mu C, P_i P_\mu P_j P_s P_i P \gg P_s P \pm C - P S P_\mu P_j C - C \ddagger (C \ddagger C - P^\circ P S P_s P, P \cdot P^\circ P_r P \acute{e} C \acute{e} P_e P^\circ, P \pm P_s P \gg C - P I$   
 $C \acute{I} P_\mu C \acute{I} C \ddagger C -), C, C \acute{I} P_s P_j P \pm P_s C \ddagger P \acute{e} C, P_s P_i P_\mu P S C - C \ddagger; C \acute{I} P \ddot{I} P_s P_s P_r P \acute{e} P S P_s P_e P \acute{e} C \dots$   
 $P I P \acute{e} P_i P^\circ P_r P_e P^\circ C \dots$  бҗ“  $P^\circ P_i P \gg P^\circ C \acute{I} C, P \acute{e} C \ddagger P S P^\circ P^\circ P S P_\mu P_j C - C \ddagger, P_i P^\circ P S C \ddagger P \acute{e} C, P_s P_i P_\mu P S C - C \ddagger,$   
 $P S P_\mu P N \acute{e} C, C \acute{I} P_s P_i P_\mu P S C - C \ddagger, P^\circ P_i C \acute{I} P^\circ P S C \acute{I} P \gg P_s C \ddagger P \acute{e} C, P_s P, P \gg P_\mu P N \acute{e} P_e P_s P_i P_\mu P S C - C \ddagger.$

$P - P \pm PsPeC \acute{e} C \acute{I} P_{\mu} C \# PsPIP \ddot{e} PrC - P \gg CH \dot{P} SPsC - C \acute{I} P \ddot{e} C \acute{I} C, P_{\mu} PjP \ddot{e} : PSP \ddot{e} C \acute{I} C PePsPIP^{\circ}$   
 $PePsP \gg C - PeP^{\circ}, P^{\circ} C \acute{I} P_{\mu} P \acute{I} C, P \ddot{e} C \# PSP^{\circ} P \acute{I} C - C \acute{r} C \acute{I} C - C \acute{I} C, C - PSC, P_{\mu} C \acute{I} C \acute{I} C, P \ddot{e} C \dagger C - P^{\circ} P \gg CH \dot{P} SP \ddot{e} P N_{\circ}$   
 $PiP \gg PsPjP_{\mu} C \acute{I} C \acute{r} P \gg PsPSP_{\mu} C, C \acute{I} P \ddot{e} C, PrC \acute{r} P \P P_{\mu} C \acute{I} C - PrPePs \text{ бђ } PSP_{\mu} C, C \acute{I} P sC, PsPeC \acute{I} P \ddot{e} C \# PSP^{\circ}$   
 $PrC - C \acute{I} C, P \acute{I} P^{\circ} P \acute{I} C - P \gg C \acute{I} C \acute{I} P SP \ddot{e} P N_{\circ} PSP_{\mu} PeC \acute{I} P sP.$

$P \acute{h} P \gg P_{\mu} C \acute{I} P \acute{I} C - C \# PSC - C \acute{I} P_{\mu} P^{\circ} PeC \dagger C - C - : C \acute{I} C - PrPePs \text{ бђ } C \acute{e} PeC - C \acute{I} PSC -$   
 $PIP \ddot{e} C \acute{I} P \ddot{e} P \acute{I} P^{\circ} PSPSC \acute{I} C, PIP \ddot{e} C \acute{I} P \ddot{e} P \acute{I} P^{\circ} PSPSC \acute{I} C PSP^{\circ} C \acute{I} P \gg P \ddot{e} P \cdot PsPIP \ddot{e} C \dots PsP \pm PsP \gg PsPSPeP^{\circ} C \dots$   
 $(P \cdot P^{\circ} P \cdot PIP \ddot{e} C \# P^{\circ} P N_{\circ} PiP_{\mu} PSP_{\mu} C \acute{I} P^{\circ} P \gg C - P \cdot PsPIP^{\circ} PSP \ddot{e} P N_{\circ} PIP \ddot{e} C \acute{I} P \ddot{e} P \acute{I}, P_{\mu} C \acute{I} P \ddot{e} PjP^{\circ} C, PsP \cdot PSP \ddot{e} P N_{\circ}$   
 $PIP \ddot{e} C \acute{I} P \ddot{e} P \acute{I}, PeC \acute{I} PsPiP \ddot{e} P \acute{I} \text{бђ} C \acute{I} P SPeP^{\circ}), C \acute{I} PIP_{\mu} C \acute{I} P \pm C - P \P, PiC - PiP_{\mu} C \acute{I} P_{\mu} PjC - C \acute{I} C; PrC \acute{r} P \P P_{\mu}$   
 $C \acute{I} C - PrPePs \text{ бђ } P \pm C \acute{I} P sPSC \dots C - P^{\circ} P \gg CH \dot{P} SP^{\circ} PsP \pm C \acute{I} C, C \acute{I} C \acute{r} PeC \dagger C - C \acute{I} C,$   
 $PjC \acute{r} P \gg CH \dot{C}, P \ddot{e} C, PsC \acute{I} PjPSP^{\circ} P_{\mu} PeC \acute{I} C \acute{r} PrP^{\circ} C, P \ddot{e} PIPSP^{\circ} P_{\mu} C \acute{I} P \ddot{e} C, P_{\mu} PjP^{\circ} (C \acute{r} C, C \#.$   
 $C \acute{I} P \ddot{e} PSPrC \acute{I} PsPj P \acute{Y} C, C - PIP_{\mu} PSC \acute{I} P^{\circ} - P^{\circ} P \P PsPSC \acute{I} PsPSP^{\circ}), C, PsPeC \acute{I} P \ddot{e} C \# PSP \ddot{e} P N_{\circ}$   
 $P_{\mu} P \acute{I} C - PrP_{\mu} C \acute{I} PjP^{\circ} P \gg CH \dot{P} SP \ddot{e} P N_{\circ} PSP_{\mu} PeC \acute{I} PsP \gg C - P \cdot (C \acute{I} P \ddot{e} PSPrC \acute{I} PsPj P \gg P^{\circ} P N_{\circ} C^{\circ} P \gg P^{\circ}); C \acute{r}$   
 $P \acute{I} PsPsPrP \ddot{e} PSPsPeP \ddot{e} C \dots PIP \ddot{e} P \acute{I} P^{\circ} PrPeP^{\circ} C \dots \text{ бђ } B P^{\circ} PSP^{\circ} C, C - P \gg P^{\circ} PeC, P \ddot{e} C \# PSP \ddot{e} P N_{\circ} C \acute{e} PsPe,$   
 $P^{\circ} PSP \acute{I} C - PsPSP_{\mu} PIC \acute{I} PsC, P \ddot{e} C \# PSP \ddot{e} P N_{\circ} PSP^{\circ} P \pm C \acute{I} C \acute{I} Pe.$

$P - P \pm PsPeC \acute{e} C \dagger P_{\mu} PSC, C \acute{I} P^{\circ} P \gg CH \dot{P} SPsC - PSP_{\mu} C \acute{I} PIPsP \acute{I} PsC - C \acute{I} P \ddot{e} C \acute{I} C, P_{\mu} PjP \ddot{e} :$   
 $(P \cdot P^{\circ} P \cdot PIP \ddot{e} C \# P^{\circ} P N_{\circ} C \acute{I} PsP \cdot PIP \ddot{e} PIP^{\circ} C^{\circ} C, CH \dot{C} \acute{I} C \acute{I} P \acute{I} C \acute{I} P \ddot{e} P \acute{I} C \acute{I} P \ddot{e} P N_{\circ} PsPjC - PIP \ddot{e} C \acute{I} PsPeP \ddot{e} C \dots$   
 $PrPsP \cdot): P \cdot P^{\circ} P \acute{I} P^{\circ} PjPsC \acute{I} PsC \# P_{\mu} PSPSC \acute{I} C, P \acute{I} C \acute{I} P \ddot{e} C \dots PsPjPsC, PsC \acute{I} PSP_{\mu} P \cdot P \pm C \acute{r} PrP \P P_{\mu} PSPSC \acute{I} C -$   
 $P \acute{I} PsC \acute{I} C \acute{r} C \acute{e} P_{\mu} PSPSC \acute{I} C PsC \acute{I} C - C^{\circ} PSC, P^{\circ} C \dagger C - C -.$

$P - P \pm PsPeC \acute{e} P_{\mu} PSPrPsPeC \acute{I} P \ddot{e} PSPSPsC - C \acute{I} P \ddot{e} C \acute{I} C, P_{\mu} PjP \ddot{e} : C \acute{r} P \acute{I} PsPsPrP \ddot{e} PSPsPeP \ddot{e} C \dots$   
 $PIP \ddot{e} P \acute{I} P^{\circ} PrPeP^{\circ} C \dots \text{ бђ } PiC - P \acute{I} PsPiP \gg C - PeP_{\mu} PjC - C \acute{I} C, P^{\circ} P \P PrPs PiC - P \acute{I} PsPiP \gg C - PeP_{\mu} PjC - C \# PSPsC -$   
 $PePsPjP \ddot{e}.$

$P - P \pm PsPeC \acute{e} PrP \ddot{e} C \dots P^{\circ} P \gg CH \dot{P} SPsC - C \acute{I} P \ddot{e} C \acute{I} C, P_{\mu} PjP \ddot{e} : P \pm C \acute{I} P sPSC \dots PsC \acute{I} P \acute{I} P^{\circ} P \cdot Pj C \acute{r}$   
 $P \acute{I} P^{\circ} C \dagger C - C^{\circ} PSC, C - PI, C \# C \acute{r} C, P \gg P \ddot{e} PIP \ddot{e} C \dots PrPs P^{\circ} C \acute{I} P \acute{I} C - C \acute{I} P \ddot{e} PSC \acute{r} C, P^{\circ} PrPs C - PSC \acute{e} P \ddot{e} C \dots$   
 $PSP_{\mu} C \acute{I} C, P_{\mu} C \acute{I} PsC - PrPSP \ddot{e} C \dots P \acute{I} C \acute{I} PsC, P \ddot{e} P \cdot P^{\circ} P \acute{I} P^{\circ} P \gg CH \dot{P} SP \ddot{e} C \dots P \cdot P^{\circ} C \acute{I} PsP \pm C - PI.$

$P \dagger PSC \acute{e} C - : C \acute{r} P \acute{I} PsPsPrP \ddot{e} PSPsPeP \ddot{e} C \dots PIP \ddot{e} P \acute{I} P^{\circ} PrPeP^{\circ} C \dots \text{ бђ } P \cdot P^{\circ} P \acute{I} P^{\circ} P \gg CH \dot{P} SP^{\circ}$   
 $C \acute{I} P \gg P^{\circ} P \pm PeC - C \acute{I} C, CH, P \acute{I} PsC \acute{I} P \ddot{e} P \gg P_{\mu} PSP_{\mu} P \acute{I} PsC, PsPIP \ddot{e} PrC - P \gg P_{\mu} PSPSC \acute{I} C.$

$P_{\mu} PsC \acute{I} C \acute{e} C \acute{e} P_{\mu} PSPSC \acute{I} C PjP_{\mu} C, P^{\circ} P \pm PsP \gg C - P \cdot PjC \acute{e} C, P^{\circ} C \dots P^{\circ} C \acute{I} C \# C \acute{e} PIP^{\circ} PSPSC \acute{I} C :$   
 $PjP_{\mu} C, P^{\circ} P \pm PsP \gg C - C \# PSP \ddot{e} P N_{\circ} P^{\circ} C \dagger P \ddot{e} PrPsP \cdot P \cdot PIP \ddot{e} C \acute{I} PsPeP \ddot{e} Pj P^{\circ} PSC - PsPSPSP \ddot{e} Pj$   
 $P \acute{I} C \acute{I} PsPjC - P \P PePsPj^{\ast} (C \# P^{\circ} C \acute{I} C, PsC, P^{\circ} PIP \ddot{e} P \acute{I} P^{\circ} PrPeC - PI \text{ бђ } PSP_{\mu} PIC - PrPsPjP^{\circ}).$

$\ast P \cdot P \ddot{e} P \acute{I} P^{\circ} PrPeP \ddot{e} PjP_{\mu} C, P^{\circ} P \pm PsP \gg C - C \# PSPsPiPs P^{\circ} C \dagger P \ddot{e} PrPsP \cdot C \acute{r} P \cdot PIP \ddot{e} C \acute{I} PsPeP \ddot{e} Pj$   
 $P^{\circ} PSC - PsPSPSP \ddot{e} Pj P \acute{I} C \acute{I} PsPjC - P \P PePsPj C \acute{I} Pe PSP^{\circ} C \acute{I} P \gg C - PrPeC \acute{r}$   
 $P \acute{I} C - C \acute{I} PsPiP \gg C \acute{r} C, P^{\circ} PjC - PSPsPiPsPiPs P^{\circ} C \dagger P \ddot{e} PrPsP \cdot C \acute{r} C \acute{I} P \acute{I} PsC \acute{I} C, P_{\mu} C \acute{I} C - P \acute{I} P^{\circ} P \gg P \ddot{e} C \acute{I} C \acute{I} C \acute{r}$   
 $P \acute{I} P^{\circ} C \dagger C - C^{\circ} PSC, C - PI P \cdot C, P^{\circ} PeC, PsC \acute{I} P^{\circ} PjP \ddot{e} C \acute{I} P \ddot{e} P \cdot P \ddot{e} PeC \acute{r}, C \acute{I} PeC -$   
 $P \cdot P^{\circ} C \acute{I} C, PsC \acute{I} PsPIC \acute{r} PIP^{\circ} P \gg P \ddot{e} P \acute{I} P^{\circ} C \acute{I} P^{\circ} C \dagger P_{\mu} C, P^{\circ} PjPsP \gg (PrP \ddot{e} PI. C \acute{I} PsP \cdot PrC - P \gg$   
 $B \ll P \acute{h} C \acute{I} PsP \pm P \gg P \ddot{e} PIPsC \acute{I} C, C - P \cdot P^{\circ} C \acute{I} C, PsC \acute{I} C \acute{r} PIP^{\circ} PSPSC \acute{I} B \gg).$   
 $P_{\mu} C - C \acute{I} PsPiP \gg C \acute{r} C, P^{\circ} PjC - PSPsPIP \ddot{e} P N_{\circ} P^{\circ} C \dagger P \ddot{e} PrPsP \cdot PjPsP \P P_{\mu} PIP \ddot{e} PSP \ddot{e} PeP^{\circ} C, P \ddot{e}$   
 $PIPSP^{\circ} C \acute{I} P \gg C - PrPsPe PSP \ddot{e} P \cdot CH \dot{P} PsPiPs C \acute{I} C - PIPSC \acute{I} C PiP \gg C \acute{r} C, P^{\circ} C, C - PsPSC \acute{r} C \acute{r} C \dagger P \ddot{e} C \dots$   
 $P \acute{I} P^{\circ} C \dagger C - C^{\circ} PSC, C - PI.$

$P - C \acute{e} PjPsPIP \gg P_{\mu} PSC - PrP \ddot{e} C \dagger P \ddot{e} PeP \gg PsPjC - PSC \acute{e} PiC - PrC \acute{I} PsC \dots P \gg PsC \acute{I} P \ddot{e} PrPsPj.$

$P - P \pm PsPeC \acute{e} C \acute{e} PeC - C \acute{I} P \ddot{e} C - P \acute{I} C - PrC \acute{e} PeC - C \acute{I} P SPsC - PeP \gg C - C, PePsPIP \ddot{e} PSP \ddot{e} :$   
 $P^{\circ} P \gg P_{\mu} C \acute{I} PiC - C \# PSC - C \acute{I} P_{\mu} P^{\circ} PeC \dagger C - C -, P \acute{I} PsC \# P_{\mu} C \acute{I} PIPsPSC - PSPSC \acute{I} C C \acute{e} PeC - C \acute{I} P \ddot{e}.$

$P - P \pm PsPeC \acute{e} C, C \acute{I} P^{\circ} PIPSPsPiPs C, C \acute{I} P^{\circ} PeC, C \acute{e} : PSC \acute{r} PrPsC, P^{\circ}, C \acute{I} C \acute{r} C \dots C - C \acute{I} C, CH \dot{C} C \acute{r}$



[illegible]

***PÿPµCŦPjC-PS PïCŦPëPŕP°C,PSPsCŦC,C-.***

3 C<sub>7</sub>PsPeP<sub>6</sub>.

**PJPjPsPIPë P·P±PμCḦC-PiP°PSPSCı.**

$$P-P \pm P_{\mu} C_7 C - P_i P^{\circ} C, P_e C_r P S P_{\mu} P r P s C l^{\prime} C, C r P i P S P s P j C r P r P \gg C l_i P r C - C, P_{\mu} P N_e P j C - C l^{\prime} C \dagger C -.$$

$P-P \pm P_{\mu} C_7 C - P_i P^{\circ} C, P_e P_i P_s C_7 P_e P_i C - P S P^{\circ} P \gg C H P S C - P N_e C r P_i P^{\circ} P_e P_s P_i C \uparrow C - P_i C_7 P_e C, P_{\mu} P_j P_i P_{\mu} C_7 P^{\circ} C, C r C_7 C - P S P_{\mu} P_i P_e C \% P_{\mu} 30 P_s P_{\check{Y}}.$

**PJPiP°PεPsPIPεP°.**

$\text{P}\mu\text{Ps } 10 \text{ C}, \text{P}^\circ\text{P}\pm\text{P}\gg\text{P}\mu\text{C}, \text{PsPe } \text{C}\acute{\text{r}} \text{ P}\pm\text{P}\gg\text{C}-\text{C}\acute{\text{r}}\text{C}, \text{P}\mu\text{C}\mathfrak{H}\text{C}-, \text{P}\ddot{\text{i}}\text{Ps } 1 \text{ P}^\circ\text{P}\pm\text{Ps } 10 \text{ P}\pm\text{P}\gg\text{C}-\text{C}\acute{\text{r}}\text{C}, \text{P}\mu\text{C}\mathfrak{H}\text{C}-\text{PI } \text{C}\acute{\text{r}} \text{ PePsC}\mathfrak{H}\text{PsP}\pm\text{C}\dagger\text{C}-.$

**РљР°С,РјРїРѕСђС-Сђ РІС-РѓРїСѓСѓРєСѓ.**

$$P'P_{\mu}P \cdot C\bar{H}P_{\mu}C^{\dagger}P_{\mu}P\ddot{C}, P^{\circ} \text{ в } \bar{H}'' C, P^{\circ}P \pm P \gg P_{\mu}C, P\epsilon P\ddot{C} \text{ в } \dots - 10.$$
$$P-P^{\circ} C_7H_{10}PtP_{10}C_7H_{10}PsP_{10}C_7H_{10}C, P^{\circ}P \pm P \gg PtC, PePe B_{10}-100.$$

**P'PëCḤPsP±PSPëPε.**

$$\text{P}^{\text{h}}\text{PSP}^{\circ}\text{PSC}, \text{P}^{\circ} \text{P}^{\text{h}}\text{P}\mu\text{PrC}-\text{PeP}\mu\text{P}^{\circ}\text{C}^{\text{h}} \text{P}^{\circ}\text{C}-\text{P}^{\text{j}}\text{C}-\text{C}, \text{P}\mu\text{Pr}.$$
$$\text{P}_{\text{H}}\text{C}-\text{C}\overset{\cdot}{\text{I}}\text{C}\overset{\cdot}{\text{I}}\text{P}_{\text{u}}\text{P}\cdot\text{PSP}^{\circ}\text{C}\dots\text{P}_{\text{s}}\text{P}\text{r}\text{P}\overset{\cdot}{\text{I}}\text{P}_{\text{u}}\text{PSPSC}\overset{\cdot}{\text{I}}\text{P}\overset{\cdot}{\text{I}}\text{P}\overset{\cdot}{\text{e}}\text{C}\overset{\cdot}{\text{H}}\text{P}_{\text{s}}\text{P}\pm\text{PSP}\overset{\cdot}{\text{e}}\text{P}_{\text{e}}\text{P}^{\circ}\text{C},\text{P}^{\circ}\text{P}\text{N}_{\text{o}}\text{P}_{\text{s}}\text{P}\overset{\cdot}{\text{I}}\text{P}_{\text{s}}$$

**Р°РгСђРµСѓР° РјС-СѓСѓСђ РїСђРѕРІР°РгР¶РµРѕРѕСђ РгС-СђР»СђРѕРѕСѓСѓС-,**

РђР°Рµ 17 РђР», РђРїСђРѕ С„СѓРг РїР°СђРµ Р РѕСѓРг, Р РѓРђРђ Рђ РђРѕРгР°СѓСѓС-Р°Р»  
Р•СђС-Р°, РјРгС-РѕРї Р'С-С...Р°Сђ, РёСђС-РїР°РѕРѕР°Р°Р°Р°Р°Сђ-335002  
(Р Р°РгР¶Р°РѓР°СѓСѓС-Р°Рѕ), РђРѕРгС-Сђ.

**Р-Р°СђРІРѕРёР°.**

РђРѕР°РѕС-,Р° РђРµРµРгС-РёРµР°Сђ Р»С-,Рг.

**РђС-СѓСѓРµР°Р°Р°Р°Р°Р°Р°Р°Р°Р° Р°Р°СђРІРѕРёР°РёР°Р° С,Р°/Р°Р±Рѕ  
РїСђРµРµРгСѓС-Р°РІРѕРёР°РёР°Р° Р°Р°СђРІРѕРёР°РёР°Р°.**

РђСђСђС, 1, 2 РђС,РµР°Р°СђР РђРѕСђС,, РђРјРїРµСђС-Р°Р» Р'Р°СђС,,, РђР°СѓРѕРјРµРµР  
Р РѕР°Рг, Р»СѓР»»С...Р°Рј, Р»РѕРѕРгРѕРѕС-, Р'РµР»»РёР°Р° Р'СђРёС,Р°РѕС-Сђ.

**РђРѕСѓСѓС-СђСѓРёС-Сђ**

**РгР»Сђ РјРµРёР°РѕРѕРѕРѕ Р°Р°СѓС,РѕСѓСѓРІР°РѕРѕСђ Р»С-РёР°СђСѓСђРёРѕРѕ**

**P·P°CÍPSP±Cf**

**PŸPµPħP—P“Pħ**

**(SPASGO)**

**PŸPeP»P°Pr:**

*PrC-CHC#C- CHPµC#PsPIPëPSPë: PïP°CŸP°C†PµC,P°PjPsP», PrPëC†PëPeP»PsPjC-PSCf*  
*PiC-PrCHPsC...P»PsCHPëPr;*

1 C,P°P±P»PµC,PeP° PjC-CÍC,PëC,CH PïP°CŸP°C†PµC,P°PjPsP»Cf 500 PjPi C,P°  
PrPëC†PëPeP»PsPjC-PSCf PiC-PrCHPsC...P»PsCHPëPrCf 20 PjPi;

*PrPsPiPsPjC-PŸPSC- CHPµC#PsPIPëPSPë: PeCHPsC...PjP°P»CH PeCfPeCfCHCfPrP·CŸPSPëPNë,*  
*PŸPµP»P°C,PëPS, PSP°C,CHC-CH PjPµC,PëP»PïP°CŸP°P±PµPS (E 219), PSP°C,CHC-CH*  
*PiCHPsPiC-P»PïP°CŸP°P±PµPS (E 217), PSP°C,CHC-CH PjPµC,P°P±C-CÍCfP»CHC„C-C, (E 223),*  
*PïPsP»C-PiC-PSC-P»PiC-CHPsP»C-PrPsPS (Pħ-30), PjP°PiPSC-CH CÍC,PµP°CŸP°C,, C,P°P»CHPe,*  
*PSP°C,CHC-CH PeCHPsC...PjP°P»CHPiP»C-PePsP»CŸC,,.*

**P·C-PeP°CŸCÍCHPeP° C„PsCHPjP°. PŸP°P±P»PµC,PePë.**

*PħCÍPSPsPIPSC- C„C-P·PëPePs-C...C-PjC-C#PSC- PIP»P°CÍC,PëPIPsCÍC,C-: C,P°P±P»PµC,PePë*  
*PeCHCfPiP»C-, PïP»PsCÍPeC-, P±C-P»PsPiPs P°P±Ps PjP°PNëPŸPµ P±C-P»PsPiPs*  
*PePsP»CHPsCHCf, P· CHPëCÍPePsCH P· PsPrPSPsPiPs P±PsPeCf, P· C„P°CÍPePsCH.*

**PαP°CŸPjP°PePsC,PµCHP°PïPµPIC,PëC#PSP° PiCHCfPïP°. PħPSP°P»PiPµC,PëPePë C,P°**  
**P°PSC,PëPiC-CHPµC,PëPePë. PµP°CŸP°C†PµC,P°PjPsP», PePsPjP±C-PSP°C†C-C— P±PµP·**  
**PiCÍPëC...PsP»PµPiC,PëPeC-PI. PħPsPr PħTPf N02B E51.**

**PαP°CŸPjP°PePsP»PsPiC-C#PSC- PIP»P°CÍC,PëPIPsCÍC,C-.**

*PαP°CŸPjP°PePsPrPëPSP°PjC-PeP°.*

*PµP°CŸP°C†PµC,P°PjPsP» PrC-C” CŸPe P·PSPµP±PsP»CHPIP°P»CHPSPëPNë C,P°*  
*PŸP°CHPsP·PSPëPŸCfPIP°P»CHPSPëPNë P·P°CÍC-P±. PħPSP°P»PiPµC,PëC#PSP° C,P°*  
*PŸP°CHPsP·PSPëPŸCfPIP°P»CHPSP° PrC-CŸ PïP°CŸP°C†PµC,P°PjPsP»Cf*  
*(PSPµPsPiC-P°C,PSPsPiPs, PSPµCÍP°P»C-C†PëP»P°C,PSPsPiPs P°PSP°P»PiPµC,PëPeP°)*  
*PiPsPiBħ™ CŸP·P°PSP° P· PIP°P»PëPIPsPj PiCHPµPïP°CHP°C,Cf PSP° C†PµPSC,CH*  
*C,PµCHPjPsCHPµPiCfP»CŸC†C-C— Cf PiC-PiPsC,P°P»P°PjCfCÍC- C,P° P·PrP°C,PSC-CÍC,CH*  
*C-PSPiC-P±CfPIP°C,Pë CÍPëPSC,PµP· PiCHPsCÍC,P°PiP»P°PSPrPëPSC-PI.*

*P”PëC†PëPeP»PsPjC-PSCf PiC-PrCHPsC...P»PsCHPëPr Bħ” C,CHPµC,PëPSPSPëPNë P°PjC-PS.*

Р<sub>Н</sub>Р°С” Р°PSC,РёС...PsP»C-PSPµC<sub>Т</sub>PiC-C†PSC<sub>Г</sub> Р°РёС,РёPIPS-С<sub>Г</sub>С,С<sub>Н</sub> С- Р·PSPёP¶C<sub>Г</sub>С”  
C,PsPSC<sub>Г</sub>С<sub>Г</sub> PiP»P°PrPµPSC<sub>Н</sub>РёPsC— PjC<sub>Г</sub>С<sub>Г</sub>РёC<sub>Г</sub>Р»P°С,С<sub>Г</sub>С<sub>Т</sub>Рё, С<sub>Г</sub>С<sub>Г</sub>С<sub>Г</sub>PIP°С” Р±С-Р»С<sub>Н</sub>,  
Р±P»PsРёC<sub>Г</sub>С” Р°PSC,Р°PiPsPSC-С<sub>Г</sub>С,РёC†PSC<sub>Г</sub> Р°РёС,РёPIPS-С<sub>Г</sub>С,С<sub>Н</sub>.  
Р”РёC†РёРёР»PsPjC-PSC<sub>Г</sub> PiC-PrC<sub>Т</sub>PsC...P»PsC<sub>Т</sub>РёPr PIPёP±С-С<sub>Т</sub>РёРёPsPIPs PiP°C<sub>Т</sub>Р°P»C-Р·C<sub>Г</sub>С”  
Р<sub>Н</sub>-С...PsP»C-PSPsC<sub>Т</sub>РµP°РёС,РёPIPS- С<sub>Г</sub>С,С<sub>Т</sub>С<sub>Г</sub>РёС,С<sub>Г</sub>С<sub>Т</sub>Рё, Р±P»PsРёC<sub>Г</sub>С<sub>Т</sub>С†Рё  
PiPµC<sub>Т</sub>РµPrP°C†C<sub>Г</sub> С-PjPiC<sub>Г</sub>Р»С<sub>Н</sub>С<sub>Г</sub>С-PI PiPsC<sub>Г</sub>С,PiP°PSPiP»C-PsPSP°C<sub>Т</sub>PSPёС...  
С...PsP»C-PSPµC<sub>Т</sub>PiC-C†PSPёС... PSPµC<sub>Т</sub>PIC-PI PSP° С-PSPSPµC<sub>Т</sub>PIC<sub>Г</sub>С<sub>Т</sub>С†С- PSPёPjРё  
РµС,РµРёС,PsC<sub>Т</sub>PSC- PsC<sub>Т</sub>PiP°PSPё. PŸPiC<sub>Т</sub>РёC†РёPSCЦС” С<sub>Т</sub>PsP·С<sub>Г</sub>Р»P°Р±P»РµPSPSCЦ  
PiP»P°PrPµPSC<sub>Н</sub>РёРёС... Pjв<sub>Т</sub>™ CЦP·С-PI, PiC<sub>Т</sub>PsCЦPIP»CЦС<sub>Т</sub>С†Рё  
С<sub>Г</sub>PiP°P·PjPsP»C-С,РёC†PSPёP<sub>Н</sub> РµС,РµРёС, PiC<sub>Т</sub>Рё С<sub>Г</sub>PiP°P·PjP°С... PiP»P°PrPµPSC<sub>Н</sub>РёРёС...  
Pjв<sub>Т</sub>™ CЦP·С-PI CёP»C<sub>Г</sub>PSРёP°, РёРёCёPµC†PSPёРёС<sub>Г</sub>, P¶PsPIC†PsPIPёPIC-PrPSPёС...  
CёP»CЦС...С-PI, С<sub>Г</sub>С<sub>Т</sub>PsPiPµPSC-С,Р°P»С<sub>Н</sub>PSРёС— С- С<sub>Г</sub>С<sub>Г</sub>PrРёPSPSPsC— С<sub>Г</sub>РёС<sub>Г</sub>С,РµPj.

**Р<sub>Л</sub>Р»C-PSC-C†PSC- С...P°C<sub>Т</sub>Р°РёС,РµC<sub>Т</sub>РёC<sub>Г</sub>С,РёРёРё.**

***РµPsРёP°P·P°PSPSCЦ.***

Р’PsP»С<sub>Н</sub>PsPIC- С<sub>Г</sub>РёPSPPrC<sub>Т</sub>PsPjРё Р·С- С<sub>Г</sub>PiP°С<sub>Г</sub>С,РёC†PSPёPj РёPsPjPiPsPSPµPSC,PsPj  
С<sub>Т</sub>С-Р·PSPsPiPs PiPsC...PsPrP¶PµPSPSCЦ:

- PiPsP»PsPIPSРёP<sub>Н</sub> Р±С-Р»С<sub>Н</sub>;
- Р·C<sub>Г</sub>Р±PSPёP<sub>Н</sub> Р±С-Р»С<sub>Н</sub>;
- Pjв<sub>Т</sub>™ CЦP·PsPIPёP<sub>Н</sub> Р±С-Р»С<sub>Н</sub>, PSPµPIC<sub>Т</sub>Р°P»PiC-ЦЦ;
- С<sub>Т</sub>РµPIPjP°С,РёC†PSPёP<sub>Н</sub> Р±С-Р»С<sub>Н</sub>, С<sub>Т</sub>Р°PrРёРёC<sub>Г</sub>Р»С-С,Рё;
- PSPёC<sub>Т</sub>РёРёPsPIP° РёPsP»C-РёP°;
- PjPµPSC<sub>Г</sub>С,С<sub>Т</sub>С<sub>Г</sub>Р°P»С<sub>Н</sub>PSРёP<sub>Н</sub> Р±С-Р»С<sub>Н</sub>.

***РµC<sub>Т</sub>PsC,РёPiPsРёP°P·P°PSPSCЦ.***

Р”P»P°C<sub>Г</sub>РёPsPjP°, С,Р°С...С-РёP°C<sub>Т</sub>PrC-ЦЦ, PSPµPiC<sub>Т</sub>PsC...С-PrPSC-С<sub>Г</sub>С,С<sub>Н</sub>  
С<sub>Г</sub>РµC†PsPIPёPIC-PrPSPёС... CёP»CЦС...С-PI, PjC-Р°С<sub>Г</sub>С,РµPSC-ЦЦ, PiC-PrPIPёC%PµPSP°  
С†C<sub>Г</sub>С,Р»РёPIC-С<sub>Г</sub>С,С<sub>Н</sub> PrPs РёPsPjPiPsPSPµPSC,С-PI PiC<sub>Т</sub>РµPiP°C<sub>Т</sub>Р°С,С<sub>Г</sub>, С,СЦP¶РёС-  
PiPsC<sub>Т</sub>С<sub>Г</sub>СёPµPSPSCЦ С,С<sub>Г</sub>PSРёC†С-С— PSPёC<sub>Т</sub>PsРё С,Р°/Р°Р±Ps PiPµC†С-PSРёРё,  
PrPµС,С-С†РёС,В В В В В В В В В В В В В В В В PiP»С<sub>Н</sub>РёPsP·Ps-6-  
С,PsC<sub>Г</sub>С,Р°С,PrPµPiC-PrC<sub>Т</sub>PsPiPµPSP°P·Рё, Р°P»РёPsPiPsP»C-Р·Pj,  
Р·Р°С...PIPsC<sub>Т</sub>С<sub>Н</sub>PIP°PSPSCЦ РёC<sub>Т</sub>PsPIC-, С<sub>Г</sub> С,PsPjC<sub>Г</sub> С†РёC<sub>Г</sub>Р»С- Р°PSPµPjC-ЦЦ,  
Р»РµP<sub>Н</sub>РёPsPiPµPSC-ЦЦ. Р<sub>Н</sub>Р±С<sub>Г</sub>С,С<sub>Т</sub>С<sub>Г</sub>РёС,РёPIPS- Р·Р°С...PIPsC<sub>Т</sub>С<sub>Н</sub>PIP°PSPSCЦ  
С,С<sub>Т</sub>Р°PIPSРёPiPs С,С<sub>Т</sub>Р°РёС,С<sub>Г</sub>, С<sub>Г</sub>С<sub>Т</sub>PsPiPµPSC-С,Р°P»С<sub>Н</sub>PSРёPiPs С,С<sub>Т</sub>Р°РёС,С<sub>Г</sub>,  
P¶PsPIC†PsPIPёPIC-PrPSPёС... CёP»CЦС...С-PI. РµPµPiC,РёC†PSP° PIPёC<sub>Т</sub>Р°P·РёP°  
CёP»C<sub>Г</sub>PSРёP° Р°Р±Ps PrPIP°PSP°PrC†CЦС,РёPiP°P»PsC— РёРёCёРёРё. Р РµС,Р»С<sub>Н</sub>С<sub>Н</sub>РёC<sub>Г</sub>-  
РµP·PsC,Р°PiC-С, Р”PsC<sub>Г</sub>С,С<sub>Т</sub>Р° РёC<sub>Т</sub>PsPIPsC,РµC†P°. Р”PsP±C<sub>Т</sub>PsCЦPёС-С<sub>Г</sub>PSР°  
PiC-PiPµC<sub>Т</sub>С,С<sub>Т</sub>PsC,С-ЦЦ PiPµC<sub>Т</sub>РµPrPjC-С...С<sub>Г</sub>С<sub>Т</sub>PsPIPsC— Р·Р°P»PsP·Рё Р·

C, P<sub>μ</sub>PSPrP<sub>μ</sub>PSC†C-C"CH PrPs P·P°C, C<sub>7</sub>H<sub>2</sub>P<sub>2</sub>PjPeP<sub>2</sub> C†P<sub>μ</sub>C†PsPIP<sub>2</sub>PiC†C†PeP°PSPSC†. P"PePSP°PjC-C†PSP° PeP<sub>2</sub>C<sub>2</sub>PePsPIP° PSP<sub>μ</sub>PiC<sub>7</sub>PsC...C-PrPSC-C†C, CH. P<sub>7</sub>C†P†PeC- P·P°C...PIPSC<sub>7</sub>CHPIP°PSPSC† PiP<sub>μ</sub>C†C-PSPeP<sub>2</sub> C, P° PSP<sub>2</sub>C<sub>7</sub>PsPe. P'CH<sub>2</sub>PsPrP†P<sub>μ</sub>PSC- PiC-PiP<sub>μ</sub>C<sub>7</sub>P±C-P»C-C<sub>7</sub>C†P±C-PSP<sub>μ</sub>PjC-C— (C†P<sub>2</sub>PePSP<sub>2</sub>C<sub>7</sub>PsPjP<sub>2</sub> P-C-P»CH<sub>2</sub>P±P<sub>μ</sub>C<sub>7</sub>P°, P"C†P±C-PSP°-P"P†PsPSC†PsPSP° C, P° P PsC, PsC<sub>7</sub>P°).

**P'P·P°C" PjPsPrC-C† P· C-PSC€P<sub>2</sub>PjP<sub>2</sub> P»C-PeP°C<sub>7</sub>C†CH<sub>2</sub>PeP<sub>2</sub>PjP<sub>2</sub> P·P°C†PsP±P°PjP<sub>2</sub> C, P° C-PSC€C- PIP<sub>2</sub>PrP<sub>2</sub> PIP·P°C" PjPsPrC-PN<sub>2</sub>.**

PhC†PsP±P»P<sub>2</sub>PIPsC†C, C- PIP·P°C" PjPsPrC-C— PiC<sub>7</sub>P<sub>μ</sub>PiP°C<sub>7</sub>P°C, C† P·C†PjPsPIP»P<sub>μ</sub>PSC- PIP»P°C†C, P<sub>2</sub>PIPsC†C, C†PjP<sub>2</sub> PN<sub>2</sub>PsPiPs C†PeP»P°PrPsPIP<sub>2</sub>C....

P<sub>μ</sub>P°C<sub>7</sub>P°C†P<sub>μ</sub>C, P°PjPsP», C%Ps PIC...PsPrP<sub>2</sub>C, CH PrPs C†PeP»P°PrC† PiC<sub>7</sub>P<sub>μ</sub>PiP°C<sub>7</sub>P°C, C†, P·PjP<sub>μ</sub>PSC€C†C" P<sub>μ</sub>C,, P<sub>μ</sub>PeC, P<sub>2</sub>PIPsC-C†C, CH PrC-C†C<sub>7</sub>P<sub>μ</sub>C, P<sub>2</sub>PeC-PI, P° C, P°PePsP† P·P±C-P»CH<sub>2</sub>C€C†C" C<sub>7</sub>P<sub>2</sub>P·P<sub>2</sub>Pe PiP<sub>μ</sub>PiP°C, PsC, PsPeC†P<sub>2</sub>C†PSP<sub>2</sub>C... C<sub>7</sub>P<sub>μ</sub>P°PeC†C-PN<sub>2</sub> PiC<sub>7</sub>P<sub>2</sub> C†C†PjC-C†PSPsPjC† PiC<sub>7</sub>P<sub>2</sub>PN<sub>2</sub>PsPjC- P· P±P°C<sub>7</sub>P±C-C, C†C<sub>7</sub>P°C, P°PjP<sub>2</sub>, PrP<sub>2</sub>C,, P<sub>μ</sub>PSC-P»PsPj, PeP°C<sub>7</sub>P±P°PjP°P·P<sub>μ</sub>PiC-PSPsPj, C<sub>7</sub>P<sub>2</sub>C,, P°PjPiC-C†P<sub>2</sub>PSPsPj C, P° C-PSC€P<sub>2</sub>PjP<sub>2</sub> C-PSP<sub>2</sub>C†PeC, PsC<sub>7</sub>P°PjP<sub>2</sub> PjC-PeC<sub>7</sub>PsC†PsPjP°P»CH<sub>2</sub>PSP<sub>2</sub>C... PiP<sub>μ</sub>C†C-PSPePsPIP<sub>2</sub>C... C,, P<sub>μ</sub>C<sub>7</sub>PjP<sub>μ</sub>PSC, C-PI, P° C, P°PePsP† PiC<sub>7</sub>PsC, P<sub>2</sub>C†C†PrPsPjPSP<sub>2</sub>PjP<sub>2</sub> P·P°C†PsP±P°PjP<sub>2</sub>. P<sub>2</sub>PIPsPrP<sub>2</sub>C-C†C, CH PIC†PjPsPeC, C†PIP°PSPSC† PiP°C<sub>7</sub>P°C†P<sub>μ</sub>C, P°PjPsP»C† PjPsP†P<sub>μ</sub> P·P±C-P»CH<sub>2</sub>C€C†PIP°C, P<sub>2</sub>C†C† PiC<sub>7</sub>P<sub>2</sub> C†C†PjC-C†PSPsPjC† P·P°C†C, PsC†C†PIP°PSPSC- P· PjP<sub>μ</sub>C, PsPeP»PsPiC<sub>7</sub>P°PjC-PrPsPj C, P° PrPsPjPiP<sub>μ</sub>C<sub>7</sub>P<sub>2</sub>PrPsPSPsPj C- P·PjP<sub>μ</sub>PSC€C†PIP°C, P<sub>2</sub>C†C† PiC<sub>7</sub>P<sub>2</sub> C†C†PjC-C†PSPsPjC† P·P°C†C, PsC†C†PIP°PSPSC- P· C...PsP»P<sub>μ</sub>C†C, P<sub>2</sub>C<sub>7</sub>P°PjC-PSPsPj. P·C,, P<sub>μ</sub>PeC, PrC-C— PiP°C<sub>7</sub>P°C†P<sub>μ</sub>C, P°PjPsP»C† PiPsC†P<sub>2</sub>P»CH<sub>2</sub>C" C, CHC†C† PiC<sub>7</sub>P<sub>2</sub> PN<sub>2</sub>PsPiPs PePsPjP±C-PSP°C†C-C— P· PePsPrP<sub>μ</sub>C—PSPsPj, P°C†PePsC<sub>7</sub>P±C-PSPsPIPSC<sub>7</sub> PeP<sub>2</sub>C†P»PsC, PsC<sub>7</sub>, C†PePsPiPsP»P°PjC-PSPsPj, C...P»PsC<sub>7</sub>C,, P<sub>μ</sub>PSP°PjC-PSPsPj, PiC<sub>7</sub>PsPiC-C,, P<sub>μ</sub>PSP°P·PsPSPsPj C, P° PePsC,, P<sub>μ</sub>C—PSPsPj. PhPrPSPsC†P°C†PSP<sub>μ</sub> P·P°C†C, PsC†C†PIP°PSPSC† PiP°C<sub>7</sub>P°C†P<sub>μ</sub>C, P°PjPsP»C† P· P°P·P<sub>2</sub>PrPsC, P<sub>2</sub>PjC-PrP<sub>2</sub>PSPsPj PjPsP†P<sub>μ</sub> PiC<sub>7</sub>P<sub>2</sub>P·PIP<sub>μ</sub>C†C, P<sub>2</sub> PrPs C<sub>7</sub>PsP·PIP<sub>2</sub>C, PeC† PSP<sub>μ</sub>PN<sub>2</sub>C, C<sub>7</sub>PsPiP<sub>μ</sub>PSC-C—. PhPSC, P<sub>2</sub>PePsP°PiC†P»C†PSC, PSP<sub>2</sub>PN<sub>2</sub> P<sub>μ</sub>C,, P<sub>μ</sub>PeC, PIP°C<sub>7</sub>C,, P°C<sub>7</sub>P<sub>2</sub>PSC† C, P° C-PSC€P<sub>2</sub>C... PeC†PjP°C<sub>7</sub>P<sub>2</sub>PSC-PI PiPsC†P<sub>2</sub>P»CH<sub>2</sub>C" C, CHC†C† PiC<sub>7</sub>P<sub>2</sub> C, C<sub>7</sub>P<sub>2</sub>PIP°P»PsPjC† C<sub>7</sub>P<sub>μ</sub>PiC†P»C†C<sub>7</sub>PSPsPjC† P·P°C†C, PsC†C†PIP°PSPSC- PiP°C<sub>7</sub>P°C†P<sub>μ</sub>C, P°PjPsP»C†. P<sub>μ</sub>C-PrPIP<sub>2</sub>C%CrC" C, CHC†C† C<sub>7</sub>P<sub>2</sub>P·P<sub>2</sub>Pe PeC<sub>7</sub>PsPIPsC, P<sub>μ</sub>C†C-. P<sub>μ</sub>P<sub>μ</sub>C<sub>7</sub>C-PsPrP<sub>2</sub>C†PSP<sub>2</sub>PN<sub>2</sub> PiC<sub>7</sub>P<sub>2</sub>PN<sub>2</sub>PsPj PSP<sub>μ</sub> PjP°C" P·PSP°C†P<sub>μ</sub>PSPSC†. PhPrPSPsC†P°C†PSP<sub>μ</sub> P·P°C†C, PsC†C†PIP°PSPSC† PiP°C<sub>7</sub>P°C†P<sub>μ</sub>C, P°PjPsP»C† P· PSP<sub>μ</sub>C†C, P<sub>μ</sub>C<sub>7</sub>PsC—PrPSP<sub>2</sub>PjP<sub>2</sub> PiC<sub>7</sub>PsC, P<sub>2</sub>P·P°PiP°P»CH<sub>2</sub>PSP<sub>2</sub>PjP<sub>2</sub> P·P°C†PsP±P°PjP<sub>2</sub> P·P±C-P»CH<sub>2</sub>C€C†C" C<sub>7</sub>P<sub>2</sub>P·P<sub>2</sub>Pe PIP<sub>2</sub>PSP<sub>2</sub>PePSP<sub>μ</sub>PSPSC† C†C†PeP»P°PrPSP<sub>μ</sub>PSC<sub>7</sub> P· P±PsPeC† PSP<sub>2</sub>C<sub>7</sub>PsPe. P<sub>μ</sub>C<sub>7</sub>P<sub>2</sub> PsPrPSPsC†P°C†PSPsPjC† P·P°C†C, PsC†C†PIP°PSPSC- PiP°C<sub>7</sub>P°C†P<sub>μ</sub>C, P°PjPsP»C† P· PiP<sub>μ</sub>PiP°C, PsC, PsPeC†P<sub>2</sub>C†PSP<sub>2</sub>PjP<sub>2</sub> P·P°C†PsP±P°PjP<sub>2</sub> P·P±C-P»CH<sub>2</sub>C€C†C" C, CHC†C† C, PsPeC†P<sub>2</sub>C†PSP<sub>2</sub>PN<sub>2</sub> PIP<sub>2</sub>P»P<sub>2</sub>PI PiC<sub>7</sub>P<sub>μ</sub>PiP°C<sub>7</sub>P°C, C-PI PSP° PiP<sub>μ</sub>C†C-PSPeC†. P<sub>7</sub>P»C-Pr P±C†C, P<sub>2</sub> PsP±P<sub>μ</sub>C<sub>7</sub>P<sub>μ</sub>P†PSP<sub>2</sub>PjP<sub>2</sub> PiC<sub>7</sub>P<sub>2</sub> PsPrPSPsC†P°C†PSPsPjC† P·P°C†C, PsC†C†PIP°PSPSC- PiP°C<sub>7</sub>P°C†P<sub>μ</sub>C, P°PjPsP»C† P· C,, P»C†PeP»PsPeC†P°C†P<sub>2</sub>P»C-PSPsPj, PsC†PeC-P»CH<sub>2</sub>PeP<sub>2</sub> C, P°PeP<sub>2</sub>PN<sub>2</sub> PsPrPSPsC†P°C†PSP<sub>2</sub>PN<sub>2</sub> PiC<sub>7</sub>P<sub>2</sub>PN<sub>2</sub>PsPj P°C†PsC†C-CH<sub>2</sub>C" C, CHC†C† P· PjP<sub>μ</sub>C, P°P±PsP»C-C†PSP<sub>2</sub>Pj P°C†P<sub>2</sub>PrPsP·PsPj P· PIP<sub>2</sub>C†PsPeP<sub>2</sub>Pj P°PSC-PsPSPSP<sub>2</sub>Pj PiC<sub>7</sub>PsPjC-P†PePsPj C†Pe PSP°C†P»C-PrPePsPj PiC-C<sub>7</sub>PsPiP»C†C, P°PjC-PSPsPIPsPiPs P°C†P<sub>2</sub>PrPsP·C†, PsC†PsP±P»P<sub>2</sub>PIPs C† PiP°C†C-C" PSC, C-PI P· C,, P°PeC, PsC<sub>7</sub>P°PjP<sub>2</sub> C<sub>7</sub>P<sub>2</sub>P·P<sub>2</sub>PeC† (PrP<sub>2</sub>PI. C<sub>7</sub>PsP·PrC-P» B«PhC†PsP±P»P<sub>2</sub>PIPsC†C, C- P·P°C†C, PsC†C†PIP°PSPSC†B»).

P·C,, P<sub>μ</sub>PeC, PrP<sub>2</sub>C†P<sub>2</sub>PeP»PsPjC-PSC† PiC-PrC<sub>7</sub>PsC...P»PsC<sub>7</sub>P<sub>2</sub>PrC† PiPsC†P<sub>2</sub>P»CH<sub>2</sub>C, CH

*P°PjP°PSC, P°PrPëPS, P°PSC, PëPiCÍPëC...PsC, PëC±PSC- P°PiPμPSC, Pë,  
P±PμPSP·PsPrC-P°P·PμPiC-PSPë, C-PSPiC-P±C-C, PsCḡPë PḡPḡPḡ, PSP°CḡPePsC, PëC±PSC-  
P°PSP°P»PiPμC, PëPePë, PSC-C, CḡP°C, Pë C- PSC-C, CḡPëC, Pë, CÍPëPjPiP°C, PsPjC-PjPμC, PëPePë,  
C, CḡPëC†PëPeP»C-C±PSC- P°PSC, PëPrPμPiCḡPμCÍP°PSC, Pë, C...PsP»C-PSPsP»C-C, PëPePë,  
PePsCḡC, PëPePsCÍC, PμCḡPsC—PrPë; P·PSPëP¶CÍCḡC, Cḡ бḡ“ P°PSC, P°C†PëPrPë.  
P”PëC†PëPeP»PsPjC-PSCÍ PiC-PrCḡPsC...P»PsCḡPëPr PiPsCÍPëP»CḡC” PrC-Cḡ  
PrPëPiPsPeCÍPëPSCé.*

***PḡCÍPsP±P»PëPIPsCÍC, C- P·P°CÍC, PsCÍCéPIP°PSPSCIḡ.***

PḡPμPsP±C...C-PrPSPs PiPsCḡP°PrPëC, PëCÍCḡ P· P»C-PeP°CḡPμPj CÍC, PsCÍPsPIPSPs  
PjPsP¶P»PëPIPsCÍC, C- P·P°CÍC, PsCÍCÍPIP°PSPSCIḡ PiCḡPμPiP°CḡP°C, CÍ PiP°C†C-C”PSC, P°Pj P·  
PiPsCḡCÍCëPμPSPSCIḡPjPë C, CÍPSPeC†C-C— PSPëCḡPsPe C- PiPμC†C-PSPePë.

PμPμCḡPμPr P·P°CÍC, PsCÍCÍPIP°PSPSCIḡPj PiCḡPμPiP°CḡP°C, CÍ PSPμPsP±C...C-PrPSPs  
PiPsCḡP°PrPëC, PëCÍCḡ P· P»C-PeP°CḡPμPj, CḡPeC%Ps PiP°C†C-C”PSC, P·P°CÍC, PsCÍPsPICÍC”  
PIP°CḡC, P°CḡPëPS P°P±Ps PiPsPrC-P±PSC- PiCḡPμPiP°CḡP°C, Pë, CḡPeC- PjP°CḡC, Cḡ  
P°PSC, PëPePsP°PiCÍP»CḡPSC, PSPëPNḡ PμC, PμPeC,.

PμCḡPë P·P°CÍC, PsCÍCÍPIP°PSPSC- PiP°CḡP°C†PμC, P°PjPsP»CÍ PSPμPsP±C...C-PrPSPëPNḡ  
PePsPSC, CḡPsP»Cḡ PeP°CḡC, PëPSPë PiPμCḡPëC, PμCḡPëC±PSPsC— PeCḡPsPIC- i  
C, CÍPSPeC†iPsPSP°P»CḡPSPsPiPs CÍC, P°PSCÍ PiPμC†C-PSPePë. PḡPμ  
CḡPμPePsPjPμPSPrCÍC”C, CḡCÍCḡ P·P°CÍC, PsCÍPsPICÍPIP°C, Pë PsPrPSPsC±P°CÍPSPs P·  
C-PSCëPëPjPë PiCḡPμPiP°CḡP°C, P°PjPë, C%Ps PjC-CÍC, CḡC, Cḡ PiP°CḡP°C†PμC, P°PjPsP»,  
C±PμCḡPμP· PjPsP¶P»PëPIC-CÍC, Cḡ PiPμCḡPμPIPëC%PμPSPSCIḡ PrPsP·Pë.

PμCḡPë PiCḡPëP·PSP°C±PμPSPSC- PiCḡPμPiP°CḡP°C, CÍ PSP° C, PμCḡPjC-PS P±C-P»CḡCëPμ 3  
PrPSC-PI PiPsC, CḡC-P±PμPS PePsPSC, CḡPsP»Cḡ P»C-PeP°CḡCḡ P·P° CÍC, P°PSPsPj  
C...PIPsCḡPsPiPs.

P— PsP±PμCḡPμP¶PSC-CÍC, Cḡ CÍP»C-Pr P·P°CÍC, PsCÍPsPICÍPIP°C, Pë C...PIPsCḡPëPj  
P»C-C, PSCḡPsPiPs PIC-PeCÍ, PsCÍPsP±P°Pj, CḡPeC- P·P»PsPIP¶PëPIP°CḡC, Cḡ  
P°P»PePsPiPsP»PμPj.

P— PsP±PμCḡPμP¶PSC-CÍC, Cḡ PiCḡPëP·PSP°C±P°C, Pë PiCḡPë CÍPμCḡC†PμPIC-PNḡ  
PSPμPrPsCÍC, P°C, PSPsCÍC, C-, CÍC, PμPSPsP·C- PiC-P»PsCḡPëC±PSPsPiPs PIC-PrPrC-P»CÍ  
CëP»CÍPSPeP°, PiPsCḡCÍCëPμPSPSC- C, CÍPSPeC†C-PNḡ PSPëCḡPsPe C- PiPμC†C-PSPePë.

PḡPsP¶Pμ PiPsCÍPëP»CḡPIP°C, Pë PiP°CÍC, CḡPsPμP·PsC, P°PiPμP°P»CḡPSPëPNḡ  
CḡPμC, P»CḡPeCÍ.

P PëP·PëPe PiPμPiP°C, PsPeCÍPëC±PSPsC— PrC-C— PiP°CḡP°C†PμC, P°PjPsP»CÍ  
PiC-PrPIPëC%CÍC”C, CḡCÍCḡ CÍ C...PIPsCḡPëC... P· P°P»PePsPiPsP»CḡPSPëPj  
CÍCḡP°P¶PμPSPSCIḡPj PiPμC†C-PSPePë.

PμP°CḡP°C†PμC, P°PjPsP» PjPsP¶Pμ PIPiP»PëPIP°C, Pë PSP° CḡPμP·CÍP»CḡC, P°C, Pë  
P»P°P±PsCḡP°C, PsCḡPSPëC... PrPsCÍP»C-PrP¶PμPSCḡ PIPjC-CÍC, CÍ CÍ PeCḡPsPIC-  
PiP»CḡPePsP·Pë C, P° CÍPμC±PsPIPsC— PePëCÍP»PsC, Pë.

PμPsPIC-PrPsPjP»CḡP»PsCÍCḡ PiCḡPs PIPëPiP°PrPePë PjPμC, P°P±PsP»C-C±PSPsPiPs  
P°C†PëPrPsP·CÍ P· PIPëCÍPsPePëPj P°PSC-PsPSPSPëPj PiCḡPsPjC-P¶PePsPj (*high anion gap*)

metabolic acidosis (HAGMA)) CИPe PSP°CTP»C-PrPeCp  
 PiC-CTHsPiP»CrC,P°PjC-PSPsPiPs P°CTPePrPsP·Cr Cr PiP°CTC-C"PSC,C-PI P·  
 C,CИP¶PePePjPe P·P°C...PiPsCTHPIP°PSPSCИPjPe, C,P°PePePjPe CИPe C,CИP¶PeP°  
 PSPeCTHsPePsPiP° PSPµPrPsCTC,P°C,PSC-CTC,CH C,P° CTµPiCTPeCT, P°P±Ps Cr  
 PiP°CTC-C"PSC,C-PI P· PSPµPrPsC—PrP°PSPSCИPj CPe PSP°CИPIPS-CTC,CH C-PSCePeC...  
 PiCTHsPeCPePS PrPµC,,C-CTPeC,Cr PiP»CrC,P°C,C-PsPSCr (PSP°PiCTHsPePeP»P°Pr,  
 C...CTHsPSC-C+PSPePM P°P»PePsPiPsP»C-P·Pj), CИPeC- P·P°CTC,PsCTPsPICrPiP°P»Pe  
 PiP°CTHsP°CTµC,P°PjPsP» Cr C,PµCTHsPiPµPIC,PeC+PSC-PM PrPsP·C- PiCTHsC,CИPiPsPj  
 C,CTHsPePiP°P»PsPiPs PiPµCTHs-PsPrCr P°P±Ps PePsPjP±C-PSP°CTC-CH  
 PiP°CTHsP°CTµC,P°PjPsP»Cr C,P° C,,P»CrPeP»PsPeCTP°CTPeP»C-PSCr. PiPeC%Ps  
 C-CTPSCrC" PiC-PrPsP·CTHs° PSP° HAGMA CИPe PSP°CTP»C-PrPsPe  
 PiC-CTHsPiP»CrC,P°PjC-PSPsPiPs P°CTPePrPsP·Cr, CTµPePsPjPµPSPrCrC"C,CHCTCИ  
 PSPµPiP°PM°PSPs PiCTHsPePiPePSPeC,Pe P·P°CTC,PsCTCrPiP°PSPSCИ  
 PiP°CTHsP°CTµC,P°PjPsP»Cr C,P° PiCTHsPiPµCTC,Pe CTµC,PµP»CHPSPePM  
 PjPsPSC-C,PsCTHsPePSi CTC,P°PSCr PiP°CTC-C"PSC,P°. P°PePjC-CTHsPIP°PSPSCИ  
 CTHs-PIPSИ 5-PsPeCTPsPiCTHsP»C-PSCr PI CTµC+P- PjPsP¶Pµ P±CrC,Pe  
 PePsCTHsPeCTPSPePj PrP»CИ C-PrPµPSC,PeC,,C-PeP°CTC-C—  
 PiC-CTHsPiP»CrC,P°PjC-PSPsPiPs P°CTPePrPsP·Cr CИPe PsCTPSPsPiPSPsC—  
 PiCTHsPeCPePSPe HAGMA Cr PiP°CTC-C"PSC,C-PI P· PjPSPsP¶PePSPSPePjPe  
 C,,P°PeC,PsCTHsP°PjPe CTHsPeP·PePeCr.

P— PsP±PµCTHsPµP¶PSC-CTC,CH PiCTHsPeP·PSP°CTP°C,Pe PiCTHsPiP°CTHsP°C, C...PiPsCTHsPePj  
 PiCTHsPe PSP°CИPIPSsCTC,C- P°CTHsC,PµCTHs-P°P»CHPSPsC— PiC-PiPsC,PµPSP·C-C—,  
 CTC...PeP»CHPSPsCTC,C- PrPs P±CTHsPSPSC...PsCTPiP°P·PjC-PI, P° C,P°PePsP¶ PiCTHsPe  
 PiC-PrPiPeC%PµPSC-PM C-PSPrPePIC-PrCrP°P»CHPSC-PM C+CrC,P»PePiPsCTC,C- PrPs  
 PSPµCTC,PµCTHsC—PrPSPeC... PiCTHsC,PeP·P°PiP°P»CHPSPeC... P·P°CTPsP±C-PI. PµCTHsPe  
 C,CTHsPePiP°P»PsPjCr P·P°CTC,PsCTCrPiP°PSPSC- CTP»C-Pr PePsPSC,CTHsP»CHPIP°C,Pe  
 PeP»C-C,PePSPSPePM CTPeP»P°Pr PiPµCTHsPeC,,PµCTHsPeC+PSPsC— PeCTHsPIC- C,P° CTC,P°PS  
 C,,CrPSPeCTC-C— PSPeCTHsPe.

P°PeCTPePeP»PsPjC-PS P· PsP±PµCTHsPµP¶PSC-CTC,CH CTP»C-Pr PiCTHsPeP·PSP°CTP°C,Pe PiCTHsPe  
 PSPµCTPiPµCTPeC,,C-C+PSPsPjCr PiPeCTHsP°P·PePsPiPsPjCr PePsP»C-C,C- (PSPµP±PµP·PiPµPeP°  
 PiPePSPePSPµPSPSCИ PiP°CTHsP°P»C-C,PeC+PSPsC— PSPµPiCTHsC...C-PrPSPsCTC,C-),  
 PiCTHsPeP¶C- C,CTHsP°PIPSsPiPs PsC,PIPsCTCr PrC-P°C,,CTHsPiPjPe, C%Ps  
 CTCrPiCTHsPiPsPrP¶CrC"C,CHCTCИ CTµC,,P»CHPeCT-PµP·PsC,,P°PiC-C,PsPj.

Pj C...PiPsCTHsPeC..., CИPeC- PiCTHsPePM°PjP°CTC,CH P°PSC,PeC...PsP»C-PSPµCTHsPiC-C+PSC-  
 PiCTHsPiP°CTHsP°C,Pe, PjPsP¶Pµ PiPePSPePeP°C,Pe PiCTPeC...PsP·, CTPiP»CrC,P°PSC-CTC,CH  
 CTPIC-PrPsPjPsCTC,C-, P°C,P°PeCTC-И, PePsPjP°, PµPM°C,,PsCTHs-И, CTP»P°P±PeC-CTC,CH,  
 P±PµP·CTPsPSPSCИ, P·P±CrPrP¶PµPSPSCИ, PSPµP°PrPµPePiP°C,PSC- PµPjPsCTC-PM°PSC-  
 PiCTHsCИPIPe (CTPePjPiC,PsPjPe P·PjPµPSCeCrCTC,CHCTCИ PiCTHsC,CИPiPsPj 12B7"24  
 PiPsPrPePS PiC-CTP»CИ P·PSPeP¶PµPSPSCИ PrPsP·Pe).

P— PsP±PµCTHsPµP¶PSC-CTC,CH PiCTHsPeP·PSP°CTP°C,Pe PiCTHsPe PiPeCTPsPeC-PM  
 C,PµPjPiPµCTHsP°C,CrCTHs- PSP°PIPePsP»PeCePSCHPsPiPs CTµCTHsPµPrPsPiPeC%P°  
 (C+PµCTHsPµP· P·PSPeP¶PµPSPSCИ PiPsC,PsPiPePrC-P»PµPSPSCИ P·CTHsPsCTC,P°C"  
 C-PjPsPIC-CTHsPSC-CTC,CH PiC-PiPµCTHsC,PµCTHsPjC-C— C,P° C,PµPiP»PsPiPsPiPs CrPrP°CTCr).

PµP°CTC-C"PSC,P°Pj, CИPeC- PiCTHsPePM°PjP°CTC,CH P°PSP°P»PiPµC,PePePe PePsP¶PµPS  
 PrPµPSCH PiCTHsPe P°CTHs,CTHsPeC,P°C... P»PµPiPePsC— C,,PsCTHsPjPe, PSPµPsP±C...C-PrPSPs  
 PiCTHsPePsPSPSCrCrP»CHC,CrPiP°C,PeCTCИ P· P»C-PeP°CTHsPµPj.



$$\text{P}\ddot{\text{C}}\text{H}\text{P}\mu\text{P}\ddot{\text{i}}\text{P}^{\circ}\text{C}\ddot{\text{H}}\text{P}^{\circ}\text{C}, \text{PSP}\mu\text{P}\ddot{\text{i}}\text{C}\ddot{\text{H}}\text{P}\ddot{\text{e}}\text{P}\cdot\text{PSP}^{\circ}\text{C}\ddagger\text{P}^{\circ}\text{C}, \text{P}\ddot{\text{e}}\text{PrC}-\text{C}, \text{C}\ddot{\text{I}}\text{PjPIC}-\text{PePsPjPrPs} \neq \text{C}\ddot{\text{H}}\text{PsPeC}-\text{PI}.$$

***PuPμCηPμPΓPsP·CζPIP°PSPSCϷ.***

*PŸPëPjPìC,PsPjPë PìPµCĤPµPrPsP·CžPIP°PSPSCĬ, P·CžPjPsPIP»PµPSC-*  
*PìP°CĤP°C†PµC,P°PjPsP»PsPj. PjCĤP°P¶PµPSPSCĬ PìPµC‡C-PSPePë PjPsP¶P»PëPIPµ Cr*  
*PrPsCĤPsCĬP»PëC..., CĬPeC- PìCĤPëPNëPSCĬP»Pë 10 Pì C- P±C-P»CHC€Pµ*  
*PìP°CĤP°C†PµC,P°PjPsP»Cr, C,P° Cr PrC-C,PµPNë, CĬPeC- PìCĤPëPNëPSCĬP»Pë*  
*P±C-P»CHC€Pµ 150 PjPi/PePi PjP°CĬPë C,C-P»P°. Pj PìP°C†C-C”PSC,C-PI P·*  
*C,,P°PeC,PsCĤP°PjPë CĤPëP·PëPeCr (C,CĤPëPIP°P»Pµ P»C-PeCrPIP°PSPSCĬ*  
*PeP°CĤP±P°PjP°P·PµPìC-PSPsPj, C,,PµPSPsP±P°CĤP±C-C,PsPSPsPj,*  
*C,,PµPSC-C,PsC—PSPsPj, PìCĤPëPjC-PrPsPSPsPj, CĤPëC,,P°PjPìC-C†PëPSPsPj,*  
*P·PIC-CĤPsP±PsC”Pj P°P±Ps C-PSC€PëPjPë P»C-PeP°CĤCĬCHPePëPjPë*  
*P·P°CĬPsP±P°PjPë, C%Ps C-PSPrCrPeCrCĤC,CH C,,PµCĤPjPµPSC,Pë PìPµC‡C-PSPePë;*  
*CĤPµPìCrP»CĬCĤPSPµ PIP¶PëPIP°PSPSCĬ PSP°PrPjC-CĤPSPëC...*  
*PeC-P»CHPePsCĬC,PµPNë PµC,P°PSPsP»Cr; PìP»CrC,P°C,C-PsPSPsPIP°*  
*PeP°C...PµPeCĬC-CĬ (CĤPsP·P»P°PrPë C,CĤP°PIP»PµPSPSCĬ,*  
*PjCrPePsPIC-CĬC†PëPrPsP·, P’P†P>-C-PSC,,PµPeC†C-CĬ, PìPsP»PsPr,*  
*PeP°C...PµPeCĬC-CĬ) P·P°CĬC,PsCĬCrPIP°PSPSCĬ 5 Pì P°P±Ps P±C-P»CHC€Pµ*  
*PìP°CĤP°C†PµC,P°PjPsP»Cr PjPsP¶Pµ PìCĤPëP·PIPµCĬC,Pë PrPs CrCĤP°P¶PµPSPSCĬ*  
*PìPuC‡C-PSPePë.*

PŸPĖPjPĭC,PſPjPĕ PĭPµCĤPµPrPsP·CŕPIP°PSPSCĬ Cŕ PĭPµCĤCĖC- 24 PiPsPrPĕPSPĕ:  
 P±P»C-PrC-CĬC,CH, PSCŕPrPsC,P°, P±P»CĤPIP°PSPSCĬ, P°PSPsCĤPµPeCĬC-CĬ C,P°  
 P°P±PrPsPjC-PSP°P»CHPSPĖPNĕ P±C-P»CH. PjCĤP°P¶PµPSPSCĬ PĭPµC±C-PSPePĕ PjPsP¶Pµ  
 CĬC,P°C,Pĕ CĬPIPSPĖPj C±PµCĤPµP· 12-48 PiPsPrPĕPS PĭC-CĬP»CĬ  
 PĭPµCĤPµPrPsP·CŕPIP°PSPSCĬ. PĥPsP¶CŕC,CH PIPĖPSPĖPeP°C,Pĕ PĭPsCĤCŕCĖPµPSPSCĬ  
 PjPµC,P°P±PsP»C-P·PjCŕ PiP»CĤPePsP·Pĕ C,P° PjPµC,P°P±PsP»C-C±PSPĖPNĕ P°C†PĕPrPsP·.  
 PµCĤPĕ C,CĬP¶PePsPjCŕ PsC,CĤCŕC”PSPSC- PĭPµC±C-PSPePsPIP°  
 PSPµPrPsCĬC,P°C,PSC-CĬC,CH PjPsP¶Pµ PĭCĤPsPiCĤPµCĬCŕPIP°C,Pĕ PI  
 PµPSC†PµC,,P°P»PsPĭP°C,C-CĤ, PeCĤPsPIPsPIPĖP»PĖPIPĖ, PiC-PĭPsPiP»C-PePµPjC-CĤ, PePsPjCŕ  
 C,P° P»PµC,P°P»CHPSPĖPNĕ PSP°CĬP»C-PrPsPe. P”PsCĬC,CĤP° PSPĖCĤPePsPIP°  
 PSPµPrPsCĬC,P°C,PSC-CĬC,CH P· PiPsCĬC,CĤPĖPj PSPµPeCĤPsP·PsPj PeP°PSP°P»CHC†C-PI  
 PjPsP¶Pµ PĭCĤPsCĬPIP»CĬC,PĕCĬCĬ CĬPĖP»CHPSPĖPj PĭPsPĭPµCĤPµPePsPIPĖPj P±PsP»PµPj,  
 PiPµPjP°C,CŕCĤC-C”CĤ, PĭCĤPsC,PµC—PSCŕCĤC-C”CĤ C- CĤPsP·PIPĖPSCŕC,PĕCĬCĬ  
 PSP°PIC-C,CH PĭCĤPĖ PIC-PrCĬCŕC,PSPsCĬC,C- C,CĬP¶PePsPiPs CŕCĤP°P¶PµPSPSCĬ  
 PĭPµC±C-PSPePĕ. P’C-PrP·PSP°C±P°P»PĕCĬCĬ C,P°PePsP¶ CĬPµCĤC†PµPIP° P°CĤPĖC,PjC-CĬ  
 C,P° PĭP°PSPeCĤPµP°C,PĕC,.

$P_4C_7P_6$  C,  $C_7P_6PIP^\circ P$ »  $PsPjCr$   $P \cdot P^\circ C_7C$ ,  $PsC_7C_7PIP^\circ PSPSC$ –  $PiC_7P_\mu PiP^\circ C_7P^\circ C$ ,  $Cr$   $Cr$   
 $PIP_\mu P$ »  $P_6PeP_6C \dots PrPsP \cdot P^\circ C \dots P \cdot P \pm PsP_6Cr$   $PsC_7PiP^\circ PSC$ – $PI$   $PeC_7PsPIPsC$ ,  $PIPsC_7P_\mu PSPSC$   
 $PjPsP \P_\mu$   $C_7PsP \cdot PIP_6PSCrC$ ,  $P_6C_7CH$   $P^\circ PiP$ »  $P^\circ C_7C$ ,  $P_6C \pm PSP^\circ$   $P^\circ PSP_\mu PjC$ – $Cl$ ,  
 $PiP^\circ PSC \dagger P_6C$ ,  $PsPiP_\mu PSC$ – $Cl$ ,  $P^\circ PiC_7P^\circ PSCrP$ »  $PsC \dagger P_6C$ ,  $PsP$ ,  $PSP_\mu PN_6C$ ,  $C_7PsPiP_\mu PSC$ – $Cl$ ,

P»PµPNεPePsPīPµPSC-Cī, C, CḡPsPjP±PsC†PēC, PsPīPµPSC-Cī. PµCḡPē PīCḡPēPNεPsPjC-  
PIPµP»PēPePēC... PrPsP· P· P±PsPeCṛ C†PµPSC, CḡP°P»CHPSPsC— PSPµCḡPIPSPsC—  
CṽPēCṽC, PµPjPē — P·P°PīP°PjPsCḡPsC†PµPSPSCī, PīCṽPēC...PsPjPsC, PsCḡPSPµ  
P·P±CṛPrP¶PµPSPSCī C- PīPsCḡCṛCēPµPSPSCī PsCḡC-C”PSC, P°C†C-C—; P· P±PsPeCṛ  
CṽPµC†PsPIPēPrC-P»CHPSPsC— CṽPēCṽC, PµPjPē — PSPµC,, CḡPsC, PsPeCṽPēC†PSC-CṽC, CH  
(PSPēCḡPePsPIP° PePsP»C-PeP°, C-PSC, PµCḡCṽC, PēC†C-P°P»CHPSPēPNε PSPµC,, CḡPēC,,  
PeP°PīC-P»CīCḡPSPēPNε PSPµPeCḡPsP·).

PµCḡPē PīPµCḡPµPrPsP·CṽPIP°PSPSC- PSPµPsP±C...C-PrPSP° CēPIPēPrPeP° PjPµPrPēC†PSP°  
PrPsPīPsPjPsPīP°. PµP°C†C-C”PSC, P° CṽP»C-Pr PSPµPīP°PNεPSPs PrPsCṽC, P°PIPēC, Pē Cṛ  
P»C-PeP°CḡPSCḡ, PSP°PIC-C, CH CīPeC%Ps PIC-PrCṽCṽC, PSC- CḡP°PSPSC- CṽPēPjPīC, PsPjPē  
PīPµCḡPµPrPsP·CṽPIP°PSPSCī. PŸPēPjPīC, PsPjPē PjPsP¶CṽC, CH P±CṛC, Pē PsP±PjPµP¶PµPSC-  
PSCṽPrPsC, PsCḡ C, P° P±P»CḡPIP°PSPSCīPj P°P±Ps PjPsP¶CṽC, CH PSPµ  
PIC-PrPsP±CḡP°P¶P°C, Pē C, CīP¶PePsCṽC, C- PīPµCḡPµPrPsP·CṽPIP°PSPSCī C†Pē  
CḡPēP·PēPeCṛ CṽCḡP°P¶PµPSPSCī PsCḡPīP°PSC-PI. PŸP»C-Pr CḡPsP·PīP»CīPSCṽC, Pē  
P»C-PeCṽPIP°PSPSCī P°PeC, PēPIPSPIP°PSPēPj PICṽPīC-P»P»CīPj, CīPeC%Ps  
PSP°PrPjC-CḡPSP° PrPsP·P° PīP°CḡP°C†PµC, P°PjPsP»Cṽ P±CṽP»P° PīCḡPēPNεPSCīC, P° Cṛ  
PjPµP¶P°C... 1 PīPsPrPēPSPē. PḡPsPSC†PµPSC, CḡP°C†C-Cḡ PīP°CḡP°C†PµC, P°PjPsP»Cṽ Cṽ  
PīP»P°P·PjC- PeCḡPsPIC- CṽP»C-Pr PIPēPjC-CḡCHPIP°C, Pē C†PµCḡPµP· 4 PīPsPrPēPSPē P°P±Ps  
PīC-P·PSC-CēPµ PīC-CṽP»Cī PīCḡPēPNεPsPjCṽ (P±C-P»CHCē CḡP°PSPSC-  
PePsPSC†PµPSC, CḡP°C†C-C— C” PSPµ PrPsCṽC, PsPIC-CḡPSPēPjPē). P»C-PeCṽPIP°PSPSCī N-  
P°C†PµC, PēP»C†PēCṽC, PµC—PSPsPj PjPsP¶Pµ P±CṽC, Pē P·P°CṽC, PsCṽPsPIP°PSPs  
PīCḡPsC, CīPīPsPj 24 PīPsPrPēPS PīC-CṽP»Cī PīCḡPēPNεPsPjCṽ PīP°CḡP°C†PµC, P°PjPsP»Cṽ,  
P°P»Pµ PjP°PeCṽPēPjP°P»CHPSPēPNε P·P°C...PēCṽPSPēPNε PµC,, PµPeC, PSP°CṽC, P°C” PīCḡPē  
PNεPsPīPs P·P°CṽC, PsCṽCṽPIP°PSPSC- PīCḡPsC, CīPīPsPj 8 PīPsPrPēPS PīC-CṽP»Cī  
PīCḡPēPNεPsPjCṽ. P·C,, PµPeC, PēPIPSC-CṽC, CH P°PSC, PēPrPsC, Cṽ CḡC-P·PePs  
P·PSPēP¶CṽC, CHCṽCī PīC-CṽP»Cī C†CHPsPīPs C†P°CṽCṽ. PµCḡPē  
PSPµPsP±C...C-PrPSPsCṽC, C- PīP°C†C-C”PSC, Cṽ PIPSCṽC, CḡC-CēPSCḡPsPIPµPSPSPs CṽP»C-Pr  
PIPIPSPPrPēC, Pē N-P°C†PµC, PēP»C†PēCṽC, PµC—PS P·PīC-PrPSPs P·C-  
PICṽC, P°PSPsPIP»PµPSPēPj PīPµCḡPµP»C-PePsPj PrPsP·. PµCḡPē  
PIC-PrCṽCṽC, PSPsCṽC, C- P±P»CḡPIP°PSPSCī PjPsP¶PSP° P·P°CṽC, PsCṽPsPICṽPIP°C, Pē  
PjPµC, C-PsPSC-PS PīPµCḡPsCḡP°P»CHPSPs CīPe PIC-PrPīPsPIC-PrPSCṽ  
P°P»CHC, PµCḡPSP°C, PēPICṽ Cṽ PIC-PrPrP°P»PµPSPēC... CḡP°PNεPsPSP°C... PīPsP·P°  
P»C-PeP°CḡPSPµCḡ.

*PŸPēPjPīC, PsPjPē PīPµCḡPµPrPsP·CṽPIP°PSPSCī, P·CṽPjPsPIP»PµPSC- PrPēC†PēPeP»PsPjC-PSCṽ  
PīC-PrCḡPsC...P»PsCḡPēPrPsPj. PŸP°C...C-PeP°CḡPrC-Cī, P±CḡP°PrPēPeP°CḡPrC-Cī,  
P°CḡPēC, PjC-Cī, P·PjC-PSP° C†P°CṽC, PsC, Pē PrPēC...P°PSPSCī, CṽCṽC...C-CṽC, CH Cṽ  
CḡPsC, C-, P·P±CṽPrP¶PµPSPSCī, CṽPsPSP»PēPIC-CṽC, CH, PIC, CḡP°C, P°  
P°PePsPjPsPrP°C†C-C—, C,, PsC, PsC,, PsP±C-Cī, CṽCṽPrPsPjPē.*

PµPµCḡPµPrPsP·CṽPIP°PSPSCī C...P°CḡP°PeC, PµCḡPēP·CṽC”C, CHCṽCī  
PrPIPSC,, P°P·PSC-CṽC, Cḡ: CṽPīPsC†P°C, PeCṽ PIPēPSPēPeP°C” P·P±CṽPrP¶PµPSPSCī  
C†PµPSC, CḡP°P»CHPSPsC— PSPµCḡPIPSPsC— CṽPēCṽC, PµPjPē, C%Ps  
PīCḡPsCīPIP»CīC”C, CHCṽCī PSPµCṽPīPsPePsC”Pj, PīPsCīPIPSCḡ C-P»CḡP·C-PNε,  
PīP°P»CḡC†PēPSP°C†C-PNε, CṽC, C-PNεPePsPīPs PjC-PrCḡC-P°P·Cṽ, C, P°C...C-PeP°CḡPrC-C—,  
P°CḡC, PµCḡC-P°P»CHPSPsC— PīC-PīPµCḡC, PµPSP·C-C—. PµPsC, C-Pj  
PIC-PrP±CṽPIP°C”C, CHCṽCī PīCḡPēPīPSC-C†PµPSPSCī C†PµPSC, CḡP°P»CHPSPsC—  
PSPµCḡPIPSPsC— CṽPēCṽC, PµPjPē P°P¶ PrPs PePsPjP°C, PsP·PSPsPīPs CṽC, P°PSCṽ.

PJ PīPμCḡC€C- 24 PiPsPrPēPSPē Bḡ“ P±P»C-PrC-CīC,CH C€PeC-CḡPē, PSCrPrPsC,P°, P°PSPsCḡPμPeCīC-Cī, P±P»CḡPIP°PSPSCī C,P° P±C-P»CH Cr P¶PēPIPsC,C-, C±PμCḡPμP· B B B B B B B B B B B 12Bḡ“48 PiPsPrPēPS Bḡ“ CrC€PePsPrP¶PμPSPSCī PSPēCḡPsPe C- PīPμC±C-PSPePē P· CḡPsP·PIPēC,PePsPj PīPμC±C-PSPePsPIPsC— PSPμPrPsCīC,P°C,PSPsCīC,C- (PīC-PrPIPēC%PμPSPSCī P°PeC,PēPIPsCīC,C- PīPμC±C-PSPePsPIPēC... C,CḡP°PSCrP°PjC-PSP°P·, PrPμPiC-PrCḡPsPiPμPSP°P·Pē, P·P±C-P»CHC€PμPSPSCī PePsPSC†PμPSC,CḡP°C†C-C— P±C-P»C-CḡCrP±C-PSCr, PīCḡPsC,CḡPsPjP±C-PSCr); C,P°C...C-PeP°CḡPrC-Cī, P°CḡPēC,PjC-C—; P·PjC-PSP° C†P°CīC,PsC,Pē PrPēC...P°PSPSCī; PīP°PSPeCḡPμP°C,PēC,.

PŸCrC...C-CīC,CH C€PeC-CḡPē C,P° CīP»PēP·PsPIPēC... PsP±PsP»PsPSPsPe, PīC-PrPIPēC%PμPSPSCī PIPSCrC,CḡC-C€PSCḡPsPsC±PSPsPiPs C,PēCīPeCr, PiPsP»PsPIPSPēPNē P±C-P»CH, P·P°PīP°PjPsCḡPsC±PμPSPSCī, P·P±CrPrP¶PμPSPSCī C†PμPSC,CḡP°P»CHPSPsC— PSPμCḡPIPsPIPsC— CīPēCīC,PμPjPē, P·P°C,CḡPēPjPeP° CīPμC±C-.

P>C-PeCrPIP°PSPSCī: PīCḡPsPjPēPIP°PSPSCī C€P»CrPSPeP° P· PīPsPrP°P»CHC€PēPj P·P°CīC,PsCīCrPIP°PSPSCīPj P°PeC,PēPIPsPIP°PSPsPiPs PICrPiC-P»P»Cī, CīPēPjPīC,PsPjP°C,PēC±PSP° C,PμCḡP°PīC-Cī, PīCḡPēP·PSP°C±PμPSPSCī PjPμC,C-PsPSC-PSCr C±PμCḡPμP· 8Bḡ“9 PiPsPrPēPS PīC-CīP»Cī PīPμCḡPμPrPsP·CrPIP°PSPSCī C- B B B B B B B B B B B N-P°C†PμC,PēP»C†PēCīC,PμC—PSCr Bḡ“ C±PμCḡPμP· 12 PiPsPrPēPS (CīPe P°PSC,PēPrPsC,C-PI PrPs PīP°CḡP°C†PμC,P°PjPsP»Cr), PjPsPSC-C,PsCḡPēPSPi CīC,P°PSCr PrPēC...P°P»CHPSPsC— C,P° PeCḡPsPIPsPSPsCīPSPsC— CīPēCīC,PμPj (PSPμ PjPsP¶PSP° P·P°CīC,PsCīPsPICrPIP°C,Pē P°PrCḡPμPSP°P»C-PS). PJ CḡP°P·C- PīPsCīPIPē CīC†PrPsPj PīCḡPēP·PSP°C±P°C,Pē PrC-P°P·PμPīP°Pj.

***PμPsP±C-C±PSC- CḡPμP°PeC†C-C—.***

*P—C¿PjPsPIP»PμPSC- PīP°CḡP°C†PμC,P°PjPsP»PsPj.*

P— P±PsPeC¿ C,CḡP°PIPsPsPiPs C,CḡP°PeC,C¿: CḡC-PrPePs Bḡ“ PSCrPrPsC,P°, P±P»CḡPIP°PSPSCī, P·PSPēP¶PμPSPSCī P°PīPμC,PēC,Cr, P·P°PīPsCḡ, PrC-P°CḡPμCī P°P±Ps PjPμC,PμPsCḡPēP·Pj, PīC-PrPIPēC%PμPSPSCī P°PeC,PēPIPsCīC,C- PīPμC±C-PSPePsPIPēC... C,,PμCḡPjPμPSC,C-PI, CīPe PīCḡP°PIPēP»Ps, P±PμP· CḡPsP·PIPēC,PeCr P¶PsPIC,CīPSPēC†C-, PīPμPīP°C,PsPSPμPeCḡPsP· (PrPsP·PsP·P°P»PμP¶PSPēPNē PμC,,PμPeC,). PμCḡPē PrPsPIPsC,CḡPēPIP°P»PsPjCr PīCḡPēPNēPsPjC- P·PSP°C±PSPēC... PrPsP· PīCḡPμPīP°CḡP°C,Cr Bḡ“ P±C-P»CH PI PμPīC-PīP°CīC,CḡP°P»CHPSC-PNē PrC-P»CīPSC†C-, PīPμPīP°C,PsC,PsPeCīPēC±PSP° PrC-Cī.

P— P±PsPeC¿ CīPēCīC,PμPjPē PeCḡPsPIC-: PrCrP¶Pμ CḡC-PrPePs Bḡ“ PīPμPjPsP»C-C,PēC±PSP° P°PSPμPjC-Cī, CīCrP»CHC,,PīPμPjPsPiP»PsP±C-PSPμPjC-Cī C- PjPμC,PiPμPjPsPiP»PsP±C-PSPμPjC-Cī (C†C-P°PSPsP·, P·P°PrPēC€PeP°, P±PsP»C- PI CīPμCḡC†C-), C,CḡPsPjP±PsC†PēC,PsPīPμPSC-Cī; Cr PīPsPsPrPēPSPsPePēC... PIPēPīP°PrPeP°C... Bḡ“ P°PīP°P°CīC,PēC±PSP° P°PSPμPjC-Cī, PīP°PSC†PēC,PsPīPμPSC-Cī, PSPμPNēC,CḡPsPīPμPSC-Cī, P°PīCḡP°PSCrP»PsC†PēC,PsP·, P»PμPNēPePsPīPμPSC-Cī.

P— P±PsPeC¿ CīPμC±PsPIPēPrC-P»CHPSPsC— CīPēCīC,PμPjPē: PSPēCḡPePsPIP° PePsP»C-PeP°, P°CīPμPīC,PēC±PSP° PīC-CrCḡC-Cī, C-PSC,PμCḡCīC,PēC†C-P°P»CHPSPēPNē PīP»PsPjPμCḡCrP»PsPSPμC,,CḡPēC,, PrCrP¶Pμ CḡC-PrPePs Bḡ“ PSPμC,,CḡPsC,PsPeCīPēC±PSP° PrC-Cī, PīP°PīC-P»CīCḡPSPēPNē PSPμPeCḡPsP·.

*PḥP»PμCḥPiC-CḥPSC- CḥPμP°PeC†C-C—: CḥC-PrPePs Bḥ“ C€PeC-CḥPSC-  
 PIPëC†PëPīP°PSPSCḐ, PIPëC†PëPīP°PSPSCḐ PSP° C†P»PëP·PsPIPëC... PsP±PsP»PsPSPeP°C...  
 (P·P°P·PIPëC†P°PNḑ PiPμPSPμCḥP°P»C-P·PsPIP°PSPëPNḑ PIPëC†PëPī, PμCḥPëPjP°C,PsP·PSPëPNḑ  
 PIPëC†PëPī, PeCḥPsPiPëPiBḥ™ CḐPSPeP°), C†PIPμCḥP±C-Pḥ, PiC-PiPμCḥPμPjC-CḐ; PrC†PḥPμ  
 CḥC-PrPePs Bḥ“ P±CḥPsPSC...C-P°P»CHḖPSP° PsP±C†C,CḥC†PeC†C-CḐ,  
 PjC†P»CHḖC,PeC,,PsCḥPjPSP° PμPeC†C†PrP°C,PëPIPSP° PμCḥPëC,PμPjP° (C† C., Cḥ.  
 C†PëPSPrCḥPsPj PḢC,C-PIPμPSC†P°-P°PḥPsPSC†PsPSP°), C,PsPeC†PëC†PSPëPNḑ  
 PμPiC-PrPμCḥPjP°P»CHḖPSPëPNḑ PSPμPeCḥPsP»C-P· (C†PëPSPrCḥPsPj P»P°PNḑC°P»P»P°); C†  
 PiPsPsPrPëPSPsPePëC... PIPëPīP°PrPeP°C... Bḥ“B P°PSP°C,,C-P»P°PeC,PëC†PSPëPNḑ C€PsPe,  
 P°PSPiC-PsPSPμPICḥPsC,PëC†PSPëPNḑ PSP°P±CḥCḐPe.*

*P— P±PsPeCḑ C†PμPSC,CḥP°P»CHḖPSPsC— PSPμCḥPIPpsIPsC— C†PëC†C,PμPjPë:  
 (P·P°P·PIPëC†P°PNḑ CḥPsP·PIPëPIP°C°C,CHḖC†CḐ PiCḥPë PiCḥPëPNḑPsPjC- PIPëC†PsPePëC...  
 PrPsP·): P·P°PiP°PjPsCḥPsC†PμPSPSCḐ, PiC†PëC...PsPjPsC,PsCḥPSPμ P·P±C†PrPḥPμPSPSCḐ C-  
 PiPsCḥC†C€PμPSPSCḐ PsCḥC-C°PSC,P°C†C-C—.*

*P— P±PsPeCḑ PμPSPrPsPeCḥPëPSPSPsC— C†PëC†C,PμPjPë: C† PiPsPsPrPëPSPsPePëC...  
 PIPëPīP°PrPeP°C... Bḥ“ PiC-PiPsPiP»C-PePμPjC-CḐ, P°Pḥ PrPs PiC-PiPsPiP»C-PePμPjC-CḥPSPsC—  
 PePsPjPë.*

*P— P±PsPeCḑ PrPëC...P°P»CHḖPSPsC— C†PëC†C,PμPjPë: P±CḥPsPSC...PsC†PiP°P·Pj C†  
 PiP°C†C-C°PSC,C-PI, CḥC†C,P»PëPIPëC... PrPs P°C†PiC-CḥPëPSC† C,P° PrPs C-PSC€PëC...  
 PSPμC†C,PμCḥPsC—PrPSPëC... PiCḥPsC,PëP·P°PiP°P»CHḖPSPëC... P·P°C†PsP±C-PI.*

*P†PSC€C-: C† PiPsPsPrPëPSPsPePëC... PIPëPīP°PrPeP°C... Bḥ“ P·P°PiP°P»CHḖPSP°  
 C†P»P°P±PeC-C†C,CHḖ, PiPsC†PëP»PμPSPμ PiPsC,PsPIPëPrC-P»PμPSPSCḐ.*

*PμPsCḥCḑC€PμPSPSCḐ PjPμC,P°P±PsP»C-P·PjCḑ C,P° C...P°CḥCḑCḑPIP°PSPSCḐ:  
 PjPμC,P°P±PsP»C-CḥPSPëPNḑ P°C†PëPrPsP· P· PIPëC†PsPePëPj P°PSC-PsPSPSPëPj  
 PiCḥPsPjC-PḥPePsPj\* (CḥP°C†C,PsC,P° PIPëPīP°PrPeC-PI Bḥ“ PSPμPIC-PrPsPjP°).*

*\* P°PëPiP°PrPePë PjPμC,P°P±PsP»C-CḥPSPsPiPs P°C†PëPrPsP·C† P· PIPëC†PsPePëPj  
 P°PSC-PsPSPSPëPj PiCḥPsPjC-PḥPePsPj CḐPe PSP°C†P»C-PrPeC†  
 PiC-CḥPsPiP»C†C,P°PjC-PSPsPiPsPiPs P°C†PëPrPsP·C† C†PiPsC†C,PμCḥC-PiP°P»PëC†CḐ C†  
 PiP°C†C-C°PSC,C-PI P· C,,P°PeC,PsCḥP°PjPë CḥPëP·PëPeC†, CḐPeC-  
 P·P°C†C,PsC†PsPIC†PiP°P»Pë PiP°CḥP°C†PμC,P°PjPsP» (PrPëPI. CḥPsP·PrC-P»  
 B«PḥC†PsP±P»PëPIPsC†C,C- P·P°C†C,PsC†C†PiP°PSPSCḐB»).*  
*PμC-CḥPsPiP»C†C,P°PjC-PSPsPiPëPNḑ P°C†PëPrPsP· PjPsPḥPμ PIPëPSPëPeP°C,Pë  
 PIPSP°C†P»C-PrPsPe PSPëP·CHḖPePsPiPs CḥC-PIPSḐ PiP»C†C,P°C,C-PsPSC† C† C†PëC...  
 PiP°C†C-C°PSC,C-PI.*

*P—CḑPjPsPIP»PμPSC- PrPëC†PëPeP»PsPjC-PSCḑ PiC-PrCḥPsC...P»PsCḥPëPrPsPj.*

*P— P±PsPeCḑ C€PeC-CḥPë C- PiC-PrC€PeC-CḥPSPsC— PeP»C-C,PePsPIPëPSPë:  
 P°P»PμCḥPiC-CḥPSC- CḥPμP°PeC†C-C—, PiPsC†PμCḥPIPpsPSC-PSPSCḐ C€PeC-CḥPë.*

*P— P±PsPeCḑ C,CḥP°PIPSPsPiPs C,CḥP°PeC,Cḑ: PSC†PrPsC,P°, C†C†C...C-C†C,CHḖ C†  
 CḥPsC,C-, PiPsCḥC†C€PμPSPSCḐ C†PjP°PeC†, PIC-PrCḥC†C,C,CḐ C†PiCḥP°PiPë,  
 PrPëC†PiPμPiC†C-CḐ, P·P°PiPsCḥ, P°PSPsCḥPμPeC†C-CḐ, PiC-PrPIPëC%PμPSPSCḐ  
 P°PeC,PëPIPSsC†C,C- PiPμC†C-PSPePsPIPëC... C,,PμCḥPjPμPSC,C-PI, CḐPe PiCḥP°PIPëP»Ps,  
 P±PμP· CḥPsP·PIPëC,PeC† PḥPsPIC,CḐPSPëC†C-, PiPμPiP°C,PsPSPμPeCḥPsP·*

(PrPsP·PsP·P°P»PμP¶PSPëPNë PμC,,PμPeC,,), P±P»CHPIP°PSPSCЦ, P±C-P»CH Cí P¶PëPIPsC,C-, PjPμC,PμPsCтPëP·Pj.

*P— P±PsPeCé PsCтPiP°PSC-PI P·PsCтCé:* CтPsP·CëPëCтPμPSPSCЦ P·C-PSPëC†CH P·PIC,CтP°C,PsCт P°PePsPjPsPrP°C†C-C— C- C†C†C,P»PëPIPsC†C,C- PrPs C†PIC-C,P»P°, Pïc-PrPIPëC%PμPSPSCЦ PIPSC†C,CтC-CëPSCнPsPsC†PSPsPiPs C,PëC†PeC†, P·P°C,C†PjP°PSPμPSPSCЦ P·PsCтC†, PrPëPïP»PsPïc-CЦ, PjC-PrCтC-P°P·, C†PëPeP»PsPïP»PμPiC-CЦ P·PsCтC† (PïP°CтP°P»C-C† P°PePsPjPsPrP°C†C-C—).

*P— P±PsPeCé C†PμPSC,CтP°P»CHPSPsC— PSPμCтPIPsPIPsC— C†PëC†C,PμPjPë:* P·P°PïP°PjPsCтPsC†PμPSPSCЦ, C†PsPSP»PëPIC-C†C,CH, PiPsP»PsPIPSPëPNë P±C-P»CH, PïP°CтPμC†C,PμP·C-C—, PïPsCтC†CëPμPSPSCЦ C†C†C,P»PëPIPsC†C,C-, PSPμCтPIPsP·PSC-C†C,CH, PrPëC†PeC-PSPμP·C-CЦ, P»PμC,P°CтPiC-CЦ, P±PμP·C†PsPSPSCЦ, P·P°PïP°P»CHPSP° C†P»P°P±PeC-C†C,CH, Pïc-PrPIPëC%PμPSP° PIC,PsPjP»CHPIP°PSC-C†C,CH, C†PëPSPePsPïP°P»CHPSC- C†C,P°PSPë (PIC,CтP°C,P° C†PIC-PrPsPjPsC†C,C-), PsPSC-PjC-PSPSCЦ, PïPsCтC†CëPμPSPSCЦ C...PsPrPë.

*PтP»PμCтPiC-C†PSC- CтPμP°PeC†C-C—:* CëPeC-CтPSPëPNë C†PIPμCтP±C-P¶, CëPeC-CтPSC- PIPëC†PëPïP°PSPSCЦ, PeCтPsPïPëPIвт™ CЦPSPeP°, C†CтC,PëPeP°CтC-C—, C†C†C...C-C†C,CH CëPeC-CтPë C,P° C-PSCëC- PrPμCтPjP°C,PsP»PsPiC-C†PSC- PïcтPsCЦPIPë, C,CЦP¶PeC- P°P»PμCтPiC-C†PSC- CтPμP°PeC†C-C— P°P±Ps PjPμPrPëPeP°PjPμPSC,PsP·PSP° C-PrC-PsC†PëPSPeCтP°P·C-CЦ, PIPeP»CHC†P°CHC†Pë P°PSP°C,,C-P»P°PeC†C-Cт.

*P— P±PsPeCé C†PμCтC†PμPIPs-C†CéPrPëPSPSPsC— C†PëC†C,PμPjPë:* C,PëPjC†P°C†PsIP° P±CтP°PrPëPeP°CтPrC-CЦ, C,P°C...C-PeP°CтPrC-CЦ, P°CтPëC,PjC-CЦ, PIC-PrC†C†C,C,CЦ C†PμCтC†PμP±PëC,C,CЦ, PïcтPëPïP»PëPIPë.

*P— P±PsPeCé C†PμC†PsPIPëPrC-P»CHPSPsC— C†PëC†C,PμPjPë:* PïPsCтC†CëPμPSPSCЦ C†PμC†PsPIPëPïc†C†PeP°PSPSCЦ, PSPμC,CтPëPjP°PSPSCЦ C†PμC†C-, P·P°C,CтPëPjPeP° C†PμC†C-, C-PjPïPsC,PμPSC†C-CЦ.

*PμC†PëC...C-C†PSC- CтPsP·P»P°PrPë:* CтPsP·P»P°PrPë PjPsPIP»PμPSPSCЦ, C†PïP»C†C,P°PSC-C†C,CH C†PIC-PrPsPjPsC†C,C- C,P°/P°P±Ps PμPjPsC†C-PNëPSPμ P·P±C†PrP¶PμPSPSCЦ, PïP°P»CHC†PëPSP°C†C-C—, P·PjC-PSP° PSP°C†C,CтPsCт.

*P— P±PsPeCé PsPïPsCтPSPs-CтCéC...PsPIPsC— C†PëC†C,PμPjPë C,P° C†PïPsP»CéC†PSPsC— C,PeP°PSPëPSPë:* C†P»P°P±PeC-C†C,CH Cí Pjвт™ CЦP·P°C....

*P— P±PsPeCé PrPëC...P°P»CHPSPsC— C†PëC†C,PμPjPë C,P° PsCтPiP°PSC-PI PïcтCéPrPSPsC— PeP»C-C,PePë:* PrPëC†PïPSPsPμ, P°PïPSPsPμ, P°C†C,,C-PeC†C-CЦ, P·P°PeP»P°PrPμPSC-C†C,CH PSPsC†P°, C†C...P°PSPSCЦ, Pïc-PïPμCтPμPjC-CЦ PïPsCтP»P°.

*P·PSPPrPsPeCтPëPSPSC- CтPsP·P»P°PrPë:* PïcтPëPiPSC-C†PμPSPSCЦ P»P°PeC,P°C†C-C—.

PμPsPIC-PrPsPjP»PμPSPSCЦ PïcтPsB PïPsP±C-C†PSC- CтPμP°PeC†C-C—

PμPsPIC-PrPsPjP»PμPSPSCЦ PïcтPs PïPsP±C-C†PSC- CтPμP°PeC†C-C— Pïc-C†P»CЦ CтPμC”C†C,CтP°C†C-C— P»C-PeP°CтC†CHPePsPiPs P·P°C†PsP±C† PjP°C” PIP°P¶P»PëPIPμ P·PSP°C†PμPSPSCЦ. P|Pμ PrP°C” P·PjPsPiC† PïcтPsPIPsPrPëC,Pë PjPsPSC-C,PsCтPëPSPi

СГРiC-PIPIC-PrPSPsC€PμPSPSCЦ PePsCґPёCГC,CH/СґPёP·PёPe PёCґPё  
P·P°CГC,PsCГCрPIP°PSPSC- CГCHPsPiPs P»C-PeP°CґCГCHPePsPiPs P·P°CГPsP±Cр.  
PґPμPrPёCґPSPёPj C,P° C„P°CґPjP°CГPμPIC,PёCґPSPёPj PёCґP°CГC-PIPSPёPeP°Pj, P°  
C,P°PePsP¶ PёP°CГC-C”PSC,P°Pj P°P±Ps C—C...PSC-Pj P·P°PePsPSPSPёPj  
PёCґPμPrCГC,P°PIPSPёPeP°Pj CГP»C-Pr PёPsPIC-PrPsPjP»CЦC,Pё PёCґPs CрCГC-  
PIPёPёP°PrPePё PёC-PrPsP·CґCґPIP°PSPёC... PёPsP±C-CґPSPёC... CґPμP°PeCГC-PNё C,P°  
PIC-PrCГCрC,PSPsCГC,C- PμC„PμPeC,PёPIPSPsCГC,C- P»C-PeP°CґCГCHPePsPiPs P·P°CГPsP±Cр  
CґPμCґPμP· PґPIC,PsPjP°C,PёP·PsPIP°PSCр C-PSC„PsCґPjP°CГC-PNёPSCр CГPёCГC,PμPjCр P·  
C„P°CґPjP°PePsPSP°PiP»CЦPrCр P·P° PёPsCГPёP»P°PSPSCЦPj: <https://aisf.dec.gov.ua/> B

***PґPμCґPjC-PS PёCґPёPrP°C,PSPsCГC,C-.***

3 CґPsPePё.

***PjPjPsPIPё P·P±PμCґC-PiP°PSPSCЦ.***

P—P±PμCґC-PiP°C,Pё Cр PSPμPrPsCГC,CрPёPSPsPjCр PrP»CЦ PrC-C,PμPNё PjC-CГCГC-.

P—P±PμCґC-PiP°C,Pё PI PsCґPёPiC-PSP°P»CHPSC-PNё CрPёP°PePsPICГC- PёCґPё  
C,PμPjPiPμCґP°C,CрCґC- PSPμ PIPёC‰Pμ 30<sup>Ps</sup>Pґ.

***PjPёP°PePsPIPeP°.***

PμPs 10 C,P°P±P»PμC,PsPe Cр P±P»C-CГC,PμCґC-, PёPs 1 P°P±Ps 10 P±P»C-CГC,PμCґC-PI Cр  
PePsCґPsP±CГC-.

***PґP°C,PμPiPsCґC-CЦ PIC-PrPёCрCГPeCр.***

P’PμP· CґPμCГPμPёC,P° Bґ” C,P°P±P»PμC,PePё B„- 10.

P—P° CґPμCГPμPёC,PsPj Bґ” C,P°P±P»PμC,PePё B„- 100.

***P’PёCґPsP±PSPёPe.***

PαP»P°PjC-PSPiPs PαP°CґPjP°CГCHCґC,PёPeP°P»CГ P>C,Pr.

***PґC-CГCГPμP·PSP°C...PsPrP¶PμPSPSCЦ PIPёCґPsP±PSPёPeP° C,P° PNёPsPiPs  
P°PrCґPμCГP° PjC-CГCГCЦ PёCґPsPIP°PrP¶PμPSPSCЦ PrC-CЦP»CHPSPsCГC,C-.***

P•-28, PґPёPё. PαP°C”Cґ P’CґC-PiPμPNёPr, Pґ.PГ.P”.Pґ., PґP°P»PsPrP¶P°, P P°PNёPsPS  
P P°PNёPiP°Pr, PґP°C...P°CґP°C€C,CґP°, PГPґBґ” 410208, PГPSPrC-CЦ.

**P—P°CΠIPSPëPε.**

PḡPSP°PSC,P° PḡPμPṛC—PεPμP°Cḡ P>C,Pṛ.

**PḡC—CÍC†PμP·PSP°C...PsPṛP¶PμPSPSCΠ P·P°CΠIPSPëPεP° C,P°/P°P±Ps  
PïCḡPμPṛCÍC,P°PIPSPëPεP° P·P°CΠIPSPëPεP°.**

PŸCHCḤC, 1, 2 PŸC,PμPNεC€PS PḡPsCḡC,, P†PjPïPμCḡC—P°P» P'P°CḡC,,, PŸP°CÍPSPjPμPṛ  
P PsP°Pṛ, PαCÍP»C...P°Pj, P>PsPSPṛPsPS, P'PμP»PëPεP° P'CḡPëC,P°PSC—CΠ.