

**PrP»CII PjPμPrPëC‡PSPsPiPs P·P°CÍC,PsCÍCÍPIP°PSPSCII
P»C-PeP°CÍCÍCÍCPePsPiPs P·P°CÍPsP±CÍ**

РњР†РљРЎРЃРђР Р"В® 30 РќРњ

(MIXTARD^{B®} 30 РЌРЃ)

$$P\check{Y}P\epsilon P\gg P^{\circ}P\Gamma:$$
$$PrC-C\bar{H}C\bar{H}P^{\circ} \quad C\bar{H}P_{\mu}C\bar{H}PSPIP\bar{e}PSP^{\circ}: C-PS\bar{C}\bar{I}\bar{C}\bar{I}P\gg C-PS \quad P\gg C\bar{H}Pr\bar{C}\bar{I}\bar{C}\bar{H}PeP\bar{e}PN_{\circ} \quad (C\bar{H}P''P\bar{K}P_{\bar{L}});$$

1 PjP» CÍCÍCÍPiPµPSP·C-C— PrP»CЦ C-PSBTM C"PeC†C-PN₂ PjC-CÍC,PëC,CH 100 P_HPh (3,5 PjPi)
C-PSCÍCÍP»C-PSCÍ P»C_HPrCÍCHPePsPiPs P±C-PsCÍPëPSC,PµC,PëC†PSPsPiPs, 30 %
C_HPsP·C†PëPSPSPsPiPs C-PSCÍCÍP»C-PSCÍ, 70 % PeC_HPëCÍC,P°P»C-PI C-P·PsC,,P°PS-
C-PSCÍCÍP»C-PSCÍ, PIPëC_HPsP±P»PµPSPsPiPs P·P° C,PµC...PSPsP»PsPiC-C" C_HP"РКР_Л PI
Saccharomyces cerevisiae;

1 C_„P»P°PePsPS PjC-CTC,PeC,CH 10 PjP», C%₀Ps PμPePIC-PIP°P»PμPSC,PSPs 1000 P_нP_н;

1 P_hP_h (P_jC-P_jPSP°C_jPsPrPSP° PsPrPëPSPëC†C_j) C_jC, P°PSPsPIPëC, C_h 0,035 P_jP_i
P±P_uP·PIP_sPrPSP_sPiP_s P»C_hPrC_jC_hPePsPiP_s C-PSC_jC_jP»C-PSC_j;

PrPsPiPsPjC-P¶PSC- C¶PµC¶PsPIPëPSPë: C†PëPSPeC† C...P»PsC¶PëPr; PiP»C-C†PµC¶PëPS: PjPµC,P°PeC¶PµP·PsP»; C,,PµPSPsP»; PSP°C,C¶C-C¶ PiC-PrC¶PsC,,PsC†C,,P°C,, PrPëPiC-PrC¶P°C,; PSP°C,C¶C-C¶ PiC-PrC¶PsPeC†PëPr; PePëC†P»PsC,P° C...P»PsC¶PëC†C,PsPIPsPrPSPµPIP° C¶PsP·PIPµPrPµPSP°; PìC¶PsC,P°PjC-PSC† C†C†P»C¶C,,P°C,; PIPsPrP° PrP»C¶ C-PSBTMC"PeC†C-PNë.

P-C-PeP°CTĜĆĤĤPeP° C,,PsCTĜPjP°. PŸĆřĆřPřPμPSP·C-Cl PrP»Cl
C-PSBTĜ™C''PeC†C-PN₂.

PhCf'PSPsPIPSC- C,,C-P·PëPePs-C...C-PjC-C#PSC- PIP»P°Cf'C,PëPIPsCf'C,C-:
PSPµPnC,CfjP°P»CHbPSP° PeP°P»P°PjCrC,PSP° P±C-P»PsPiPs PePsP»CHbPsCfjCr PIPsPrPSP°
Cf'CrCf'PiPµPSP·C-Cfj P»CHPrCf'CHbPePsPiPs C-PSCf'CrP»C-PSCr.

P_αP°C_βP_jP°PePsC,P_μC_βP°P_iP_μPIC,PëC_±PSP° PiC_βC_γP_iP°.

PhPSC, PēPrC-P°P±PμC, PēC±PSC- PīCḡPμPīP°CḡP°C, Pē. P†PSCÍCfP»C-PSPē C, P°
P°PSP°P»PsPiPē PrP»Cḡ C-PSBḡ™ C"PeC†C-PNḡ CÍPμCḡPμPrPSCḡPsC— C, P°
C, CḡPēPIP°P»PsC— PrC-C— Cí PePsPjP±C-PSP°C†C-C— P· C-PSCÍCfP»C-PSPsPj
PePsCḡPsC, PePsC— PrC-C— (P»CḡPrCÍCḡPePēPj). PḡPsPr PhPḡPÍ Ph10Ph D01.

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

PαP°CḡPjP°PePsPrPëPSP°PjC-PeP°.

P|CÍPeCḡPsP·PSPëP¶CÍPIP°P»CH̄PSPëPN̄ PμC,,PμPeC, C-PSCÍCÍP»C-PSCÍ PİPsP»CİPiP°C” CÍ CÍPİCḡPëCİPSPSC- PİPsPiP»PëPSP°PSPSCḡ PiP»CḡPePsP·Pë C,PeP°PSPëPSP°PjPë PİC-CÍP»Cİ P·PiBḡ™ CİP·CÍPIP°PSPSCİ C-PSCÍCÍP»C-PSCÍ P· CḡPμC†PμPiC,PsCḡP°PjPë PjBḡ™ CİP·PsPIPëC... C- P¶PëCḡPsPIPëC... PeP»C-C,PëPS, P° C,P°PePsP¶ PI PsPrPSPSc‡P°CÍPSPsPjCÍ PİCḡPëPiPSC-C‡PμPSPSC- PIPëPrC-P»PμPSPSCİ PiP»CḡPePsP·Pë P· PİPμC‡C-PSPePë.

PḡC-PeCÍC,P°CḡPr^B 30 PḡPḡ C” C-PSCÍCÍP»C-PSPsPj PİPsPrPIC-PN̄PSPsC— PrC-C—.

PJ CÍPμCḡPμPrPSCḡPsPjCÍ PİCḡPsC,,C-P»CH̄ PrC-C— PİC-CÍP»Cİ PİC-PrC€PeC-CḡPSPsC— C-PSBḡ™ C”PeC†C-C— C,P°PePëPN̄:

PİPsC‡P°C,PsPe PrC-C— Bḡ” PİCḡPsC,CİPiPsPj 0,5 PİPsPrPëPSPë;

PjP°PeCÍPëPjP°P»CH̄PSPëPN̄ PμC,,PμPeC, Bḡ” PSP°CÍC,P°C” C‡PμCḡPμP· 2Bḡ”8 PİPsPrPëPS PİC-CÍP»Cİ PIPiPμPrPμPSPSCİ;

C,CḡPëPIP°P»C-CÍC,CH̄ PrC-C— Bḡ” PrPs 24 PİPsPrPëPS.

PαP°CḡPjP°PePsPeC-PSPμC,PëPeP°.

PμPμCḡC-PsPr PSP°PİC-PIPIPëPIPμPrPμPSPSCİ C-PSCÍCÍP»C-PSCÍ P· PeCḡPsPIC- CÍC,P°PSPsPIPëC,CH̄ PeC-P»CH̄PeP° C...PIPëP»PëPS, C,PsPjCÍ PİCḡPsC,,C-P»CH̄ PrC-C— PİCḡPμPiP°CḡP°C,CÍ C-PSCÍCÍP»C-PSCÍ P·CÍPjPsPIP»PμPSPëPN̄ PIPëPSCİC,PePsPIPs C...P°CḡP°PeC,PμCḡPëCÍC,PëPeP°PjPë PN̄PsPiPs P°P±CÍPsCḡP±C†C-C—.

P|PμPN̄ PİCḡPsC†PμCÍ P·P°P»PμP¶PëC,CH̄ PIC-Pr CḡCİPrCÍ C,,P°PeC,PsCḡC-PI (PSP°PİCḡPëPeP»P°Pr PIC-Pr PrPsP·Pë C-PSCÍCÍP»C-PSCÍ, CÍPİPsCÍPsP±CÍ C- PjC-CÍC†Cİ C-PSBḡ™ C”PeC†C-C—, C,PsPIC%PëPSPë PİC-PrC€PeC-CḡPSPsC— P¶PëCḡPsPIPsC— PeP»C-C,PePsPIPëPSPë, C,PëPİCÍ C†CÍPeCḡPsPIPsPiPs PrC-P°P±PμC,CÍ), C%Ps P·CÍPjPsPIP»CḡC” P·PSP°C‡PSCÍ PIP°CḡC-P°P±PμP»CH̄PSC-CÍC,CH̄ PμC,,PμPeC,CÍ PİCḡPμPiP°CḡP°C,CÍ C-PSCÍCÍP»C-PSCÍ CİPe CÍ PsPrPSPsPiPs, C,P°Pe C- PI CḡC-P·PSPëC... C...PIPsCḡPëC....

PḡP±CÍPsCḡP±C†C-Cİ. PμCḡPsC,,C-P»CH̄ PICÍPjPsPeC,CÍPIP°PSPSCİ PIPëP·PSP°C‡P°C”C,CH̄CÍCİ C,PëPj, C%Ps C†PμPN̄ C-PSCÍCÍP»C-PS C” CÍCÍPjC-C€C€Cḡ C-PSCÍCÍP»C-PSC-PI, C%Ps C...P°CḡP°PeC,PμCḡPëP·CÍCḡC,CH̄CÍCİ C€PIPëPrPePëPj C,P° PİPsPrPsPIP¶PμPSPëPj PICÍPjPsPeC,CÍPIP°PSPSCİPj. PμC-Pe PePsPSC†PμPSC,CḡP°C†C-C— CÍ PİP»P°P·PjC- C-PSCÍCÍP»C-PSCÍ PePsCḡPsC,PePsC— PrC-C— PSP°CÍC,P°C” PİCḡPsC,CİPiPsPj 1,5Bḡ”2,5 PİPsPrPëPSPë PİC-CÍP»Cİ PİC-PrC€PeC-CḡPSPsC— C-PSBḡ™ C”PeC†C-C—.

P PsP·PİPsPrC-P». P—PSP°C‡PSPsPiPs P·PiBḡ™ CİP·CÍPIP°PSPSCİ C-PSCÍCÍP»C-PSCÍ P· P±C-P»PeP°PjPë PİP»P°P·PjPë PeCḡPsPIC-, P·P° PIPëPSCİC,PePsPj C†PëCḡPeCÍP»CḡCḡC‡PëC... P°PSC,PëC,C-P» PrPs PSCH̄PsPiPs (PİCḡPë C—C...PSC-PN̄ PSP°CİPIPSsCÍC,C-), PIPëCİPIP»PμPSPs PSPμ P±CÍP»Ps.

PḡPμC,P°P±PsP»C-P·Pj. P·CḡPrCÍCH̄PePëPN̄ C-PSCÍCÍP»C-PS CḡPsP·C%PμPİP»CḡC”C,CH̄CÍCİ C-PSCÍCÍP»C-PSPsPIPëPjPë PİCḡPsC,PμP°P·P°PjPë C‡Pë C-PSCÍCÍP»C-PSPrPμPİCḡP°PrCÍCḡC‡PëPjPë C,,PμCḡPjPμPSC,P°PjPë C-, PjPsP¶P»PëPIPs,

РiСҢPsC,РμC—PSPpPēCfCfP»CHC,,C-PrC-P·PsPjPμCҢP°P·PsCҢ. P'PIP°P¶P°C"C,CHCfCfCf, C%Ps C" CҢCfCfPr PrC-P»CfPSPsPe, PSP° CfPePēC... PIC-PrP±CfPIP°CҢC,CHCfCfCf CҢPsP·CҢPēPIPē (PiC-PrCҢPsP»C-P·) PjPsP»PμPeCfP»Pē P»CҢPrCfCҢPePsPiPs C-PSCfCfP»C-PSCf. P-PsPrPμPS P· PjPμC,P°P±PsP»C-C,C-PI, C%Ps CfC,PIPsCҢCҢC,CHCfCfCf PiC-CfP»CfC PiC-PrCҢPsP»C-P·Cf, PSPμ C" P°PeC,PēPIPSPēPj.

P·P»C-PjC-PSP°C†C-CfC. PҢCҢPēPIP°P»C-CfC,CH PSP°PiC-PIPIPēPIPμPrPμPSPSCfC C-PSCfCfP»C-PSCf PIPēP·PSP°C†P°C"C,CHCfCfCf CēPIPēPrPeC-CfC,CH P№PsPiPs PICfPjPsPeC,CfPIP°PSPSCfC P· PiC-PrCēPeC-CҢPSPsC— PeP»C-C,PePsPIPēPSPē. PҢPsPjCf C,CҢPēPIP°P»C-CfC,CH PSP°PiC-PIPIPēPIPμPrPμPSPSCfC (t½) PIPeP°P·CfC" PSP° CēPIPēPrPeC-CfC,CH PICfPjPsPeC,CfPIP°PSPSCfC, P° PSPμ PμP»C-PjC-PSP°C†C-C— (CfPe C,P°PePsC—) C-PSCfCfP»C-PSCf P· PiP»P°P·PjPē PeCҢPsPIC- (t½ C-PSCfCfP»C-PSCf P· PeCҢPsPIPsC,PsPeCf CfC,P°PSPsPIPēC,CH CfCfCҢPsPiPs PeC-P»CHPeP° C...PIPēP»PēPS). P—P° PrP°PSPēPjPē PiCҢPsPIPμPrPμPSPēC... PrPsCfP»C-PrP¶PμPSCҢ, t½ CfC,P°PSPsPIPēC,CH 5BҢ"10 PiPsPrPēPS.

P"PsPeP»C-PSC-C†PSC- PrP°PSPSC- P±PμP·PiPμPePē.

PJ PrPsPeP»C-PSC-C†PSPēC... PrPsCfP»C-PrP¶PμPSPSCfC... P· C,,P°CҢPjP°PePsP»PsPiC-C†PSPsC— P±PμP·PiPμPePē (C,PsPeCfPēC†PSC-CfC,CH PiPsPIC,PsCҢPSPsPiPs PIPIPμPrPμPSPSCfC PiCҢPμPiP°CҢP°C,Cf, PiPμPSPsC,PsPeCfPēC†PSC-CfC,CH, PeP°PSC†PμCҢPsPiPμPSPSC-CfC,CH, C,PsPeCfPēC†PSPēP№ PIPiP»PēPI PSP° CҢPμPiCҢPsPrCfPeC,PēPIPSCf P·PrP°C,PSC-CfC,CH C,P° CҢPsP·PIPēC,PsPe PiP»PsPrP°) C,P°PePsP¶ PSPμ P±CfP»Ps PIPēCfPIP»PμPSPs P±CfPrCҢ- CfPePsC— PSPμP±PμP·PiPμPePē PIPIPμPrPμPSPSCfC PiCҢPμPiP°CҢP°C,Cf PҢC-PeCfC,P°CҢPr^{B®} 30 PќPҢ P»CҢPrPēPSC-.

РҢP»C-PSC-C†PSC- C...P°CҢP°PeC,РμCҢPēCfC,PēPePē.

PμPsPeP°P·P°PSPSCfC.

P>C-PeCfPIP°PSPSCfC C†CfPeCҢPsPIPsPiPs PrC-P°P±PμC,Cf.

PμCҢPsC,PēPiPsPeP°P·P°PSPSCfC.

P"C-PiPsPiP»C-PePμPjC-CfC. PμC-PrPIPēC%PμPSP° C†CfC,P»PēPIC-CfC,CH PrPs P°PeC,PēPIPSPsC— CҢPμC†PsPIPēPSPē P°P±Ps PrPs P±CfPrCҢ-CfPePsC— PrPsPiPsPjC-P¶PSPsC— CҢPμC†PsPIPēPSPē (PrPēPI. CҢPsP·PrC-P» B«PҢPeP»P°PrB»).

P'P·P°C"PjPsPrC-CfC P· C-PSCēPēPjPē P»C-PeP°CҢCfCҢPePēPjPē P·P°CfPsP±P°PjPē C,P° C-PSCēC- PIPēPrPē PIP·P°C"PjPsPrC-P№.

PiPe PIC-PrPsPjPs, CҢCfCfPr P»C-PeP°CҢCfCҢPePēC... P·P°CfPsP±C-PI PIPiP»PēPIP°C" PSP° PsP±PjC-PS PiP»CҢPePsP·Pē.

P>C-PeP°CҢCfCҢPeC- P·P°CfPsP±Pē, CfPeC- PjPsP¶CзC,CH P·PSPēP¶CзPIP°C,Pē PiPsC,CҢPμP±Cз PI C-PSCfCзP»C-PSC-

PkPμP°PrPμPePIP°C,PSPμ PrPsP·CfPIP°PSPSClI P°P±Ps PiCḡPëPiPëPSPμPSPSClI
 P»C-PeCfPIP°PSPSClI (PsCfPsP±P»PëPIPs PiCḡPë C†CfPeCḡPsPIPsPjCf PrC-P°P±PμC,C- 1-PiPs
 C,PëPiCf) PjPsP¶Pμ PiCḡPëP·PIPμCfC,Pë PrPs **PiC-PiPμCḡPiP»C-PePμPjC-C-** C,P°
 PrC-P°P±PμC,PëC†PSPsPiPs PePμC,PsP°C†PëPrPsP·Cf. P—P°P·PIPëC†P°P№ PiPμCḡC€C-
 C†PëPjPiC,PsPjPë PiC-PiPμCḡPiP»C-PePμPjC-C— CḡPsP·PIPëPIP°CḡC,ChCfCfCf
 PiPsCfC,CfPiPsPIPs, PiCḡPsC,CfPiPsPj PeC-P»ChPePsC... PiPsPrPëPS P°P±Ps PrC-P±. P'PsPSPë
 PIPeP»CḡC†P°CḡC,Ch PIC-PrC†CfC,C,Cf C†PiCḡP°PiPë, C†P°CfC,Pμ
 C†PμC†PsPIPëPiCfCfPeP°PSPSClI, PSCfPrPsC,Cf, P±P»CḡPIP°PSPSClI.

СГПсPSP»PëPIC-СГГ,СН, PïPsС±PµСГPIPsPSC-PSPSCЦ C- СГГС...C-СГГ,СН С€PеC-СГPë, СГГС...C-СГГ,СН СГ СГPsC,C-, PIC,СГP°C,СГ P°PïPµC,PëC,СГ, P° C,P°PеPsP¶ P·P°PïP°C... P°С±PµC,PsPSCГ СГ PïPsPIC-C,СГC-, C°Ps PIPëPrPëC...P°C”C,СНСГЦЦ.

PµСГPë СГСГPеСГPsPIPsPjСГ PrC-P°P±PµC,C- 1-PïPs C,PëPïСГ PiC-PïPµСГPiP»C-PePµPjC-ЦЦ, C°Ps PSPµ P»C-PeСГС”C,СНСГЦЦ, PïСГPëP·PIPsPrPëC,СН PrPs PrC-P°P±PµC,PëC±PSPsPiPs PePµC,PsP°СГPëPrPsP·СГ, CЦPePëP№ PïPsC,PµPSCГC-P№PSPs C” P»PµC,P°P»СНPSPs PSPµP±PµP·PïPµC±PSPëPj.

P”C-PïPsPiP»C-PePµPjC-ЦЦ

P”C-PïPsPiP»C-PePµPjC-ЦЦ PjPsP¶Pµ PIPëPSPëPePSCГC,Pë, CЦPeC°Ps PrPsP·P° C-PSCГГP»C-PSCГ P·P°PSP°PrC,Ps PIPëСГPsPeP° PïPs PIC-PrPSPsC€PµPSPSCГ PrPs PïPsC,СГPµP±Pë PI C-PSCГГP»C-PSC-. PJ СГP°P·C- PiC-PïPsPiP»C-PePµPjC-C— P°P±Ps PiC-PrPsP·СГPë PSP° PiC-PïPsPiP»C-PePµPjC-СГ PïСГPµPïP°СГP°C, PSPµ PIPsPrPëC,Pë.

PµСГPsPïСГСГPë PïСГPëP№PsPjСГ C-P¶C- P°P±Ps PSPµPïPµСГPµPrP±P°С±PµPSPµ PiC-PrPIPëC°PµPSPµ C,,C-P·PëC±PSPµ PSP°PIP°PSC,P°P¶PµPSPSCЦ PjPsP¶СГC,СН PïСГPëP·PIPµСГC,Pë PrPs PïPsCЦPIPë PiC-PïPsPiP»C-PePµPjC-C—.

PГPIPsСГC-, СГ CЦPePëC... C-СГГ,PsC,PSPs PïPsP»C-PiC€PëPICГЦЦ PePsPSC,СГPsP»СН СГC-PIPsCЦ PiP»СГPePsP·Pë PI PeСГPsPIC- P·P°PIPrCЦPePë C-PSC,PµPSCГГPëPIPsC-P№ C-PSCГГP»C-PSPsC,PµСГP°PiC-C—, PjPsP¶СГC,СН PIC-PrP·PSP°С±PëC,Pë P·PjC-PSPë P·PIPëC±PSPëC... СГPëPjPiC,PsPjC-PI-PiСГPsPIC-СГPSPëPeC-PI PiC-PïPsPiP»C-PePµPjC-C—, PïСГPs C°Ps C—C... СГP»C-Pr P·P°PIC±P°СГPSPs PïPsPiPµСГPµPrPëC,Pë. P—PIPëC±PSC- СГPëPjPiC,PsPjPë-PiСГPsPIC-СГPSPëPePë PjPsP¶СГC,СН P·PSPëPeP°C,Pë СГ PïP°СГC-C”PSC,C-PI P· PrPsPIPiPsC,СГPëPIP°P»PëPj СГСГPеСГPsPIPëPj PrC-P°P±PµC,PsPj.

PŸСГPiСГC,PSC- P·P°C...PIPsСГСГPIP°PSPSCЦ, PsСГPsP±P»PëIPs C-PSC,,PµPeСГC-C— C,P° PïP°СГЦЦC±PePsPIC- СГГ,P°PSPë, CЦPe PïСГP°PIPëP»Ps, P·P±C-P»СНC€СГСГC,СН PïPsC,СГPµP±СГ PI C-PSCГГP»C-PSC-. PŸСГPiСГC,PSC- P·P°C...PIPsСГСГPIP°PSPSCЦ PSPëСГPsPe, PïPµC±C-PSPëPë P°P±Ps СГСГP°P¶PµPSPSCЦ PSP°PrPSPëСГPePsPIPëC... P·P°P»PsP·, PiC-PïPsC,,C-P·P° С±Pë C°PëC,PsPiPsPrC-P±PSPsC— P·P°P»PsP·Pë PjPsP¶СГC,СН PïСГPëP·PIPµСГC,Pë PrPs PSPµPsP±C...C-PrPSPsСГC,C- P·PjC-PSPë PrPsP·Pë C-PSCГГP»C-PSCГ.

PЉPsP»Pë PïP°СГC-C”PSC,P° PïPµСГPµPIPsPrCЦC,СН PSP° C-PSC€PëP№ C,PëPï C-PSCГГP»C-PSCГ, СГPëPjPiC,PsPjPë PiC-PïPsPiP»C-PePµPjC-C— PjPsP¶СГC,СН P·PjC-PSPëC,PëСГЦЦ P°P±Ps СГГ,P°C,Pë PjPµPSC€ PIPëСГP°P¶PµPSPëPjPë PïPsСГC-PIPsCЦPSPs P· C,PëPjPë, CЦPeC- PIC-PrC±СГPIP°PI PïP°СГC-C”PSC, PSP° PïPsPiPµСГPµPrPSCHsPjСГ C-PSCГГP»C-PSC-.

P PsP·P»P°PrPë P· P±PsPeCž C€PeC-СГPë C,P° PiC-PrC€PeC-СГPSPsC— PeP»C-C,PePsPIPëPSPë

PµP°СГC-C”PSC,Pë PjP°СГC,СН PïСГPsP№C,Pë C-PSCГГ,СГСГPеC,P°P¶ C°PsPrPs PSPµPsP±C...C-PrPSPsСГC,C- PïPsСГC,C-P№PSPsC— P·PjC-PSPë PjC-СГГЦЦ C-PSБГ™C”PeСГC-C— PrP»ЦЦ P·PjPµPSC€PµPSPSCЦ СГPëP·PëPeСГ СГPsP·PIPëC,PeСГ P»C-PïPsPrPëСГC,СГPsC,,C-C— C,P° P°PjC-P»PsC—PrPsP·СГ C€PeC-СГPë. PJ СГP°P·C- P·PrC-P№СГPSPµPSPSCЦ C-PSБГ™C”PeСГC-P№ СГ PjC-СГГЦЦ P· P·P°P·PSP°С±PµPSPëPjPë

$$P-P^{\circ}C\acute{I}C, P_sC\acute{I}C\acute{z}PIP^{\circ}PSPSC\sqcup C\acute{z} P\ddot{i}P_{\mu}C\bar{H}C-P_sPr PIP^{\circ}PiC-C, PSP_sC\acute{I}C, C- P^{\circ}P\pm P_s \\ PiPsPrC\acute{z}PIP^{\circ}PSPSC\sqcup PiC\bar{H}C\acute{z}PrPrC\bar{H}.$$

PhCfPeC-P»CHPePe C-PSCfCfP»C-PS PSPµ PīCḡPsPSPēPeP°C” C‡PµCḡPµP·
PīP»P°C†PµPSC,P°CḡPSPēPNē P±P°Cḡbḡ™ C”Cḡ, PSPµPjP°C” PsP±PjPµP¶PµPSCḡ
P»C-PeCfPIP°PSPSCḡ C†CfPeCḡPsPIPsPiPs PrC-P°P±PµC,Cf C-PSCfCfP»C-PSPsPj
PīCḡPsC,CḡPiPsPj PIP°PiC-C,PSPsCfC,C-.

PīPe PiC-PīPsPiP»C-PePµPjC-Cḡ, C,P°Pe C- PiC-PīPµCḡPiP»C-PePµPjC-Cḡ, C%Ps PjPsP¶CfC,CH
PIPēPSPēPeP°C,Pē PīCḡPē PSPµP°PrPµPePIP°C,PSPsPjCf P»C-PeCfPIP°PSPSC-
C†CfPeCḡPsPIPsPiPs PrC-P°P±PµC,Cf, PiC-PrPIPēC%CrCḡC,CH CḡPēP·PēPe CḡPsP·PIPēC,PeCf
CfCḡPsPrP¶PµPSPēC... PIP°Pr P°P±Ps CfPjPµCḡC,C- PīP»PsPrP°. PŷPsPjCf PīCḡPsC,CḡPiPsPj
CfCfCHPsPiPs PīPµCḡC-PsPrCf PIP°PiC-C,PSPsCfC,C-, P° C,P°PePsP¶ PīCḡPē PiC-PrPsP·CḡC-
PSP° PIP°PiC-C,PSC-CfC,CH CḡPµPePsPjPµPSPrCfC”C,CHCfCḡ PīPsCfPēP»PēC,Pē
PePsPSC,CḡPsP»CH CḡC-PIPSḡ PīP»CḡPePsP·Pē Pī PeCḡPsPIC- C,P°
CfPiPsCfC,PµCḡPµP¶PµPSPSCḡ P·P° P»C-PeCfPIP°PSPSCḡPj PIP°PiC-C,PSPēC... P¶C-PSPsPe,
C...PIPsCḡPēC... PSP° C†CfPeCḡPsPIPēPNē PrC-P°P±PµC,.

PµPsC,CḡPµP±P° Pī C-PSCfCfP»C-PSC- P·P°P·PIPēC‡P°PNē P·PSPēP¶CfC”C,CHCfCḡ Cf
PīPµCḡCēPsPjCf C,CḡPēPjPµCfC,CḡC- PIP°PiC-C,PSPsCfC,C- C,P° C-CfC,PsC,PSPs
P·CḡPsCfC,P°C” Cf PrCḡCfPiPsPjCfB C,P° C,CḡPµC,CHPsPjCfB C,CḡPēPjPµCfC,CḡP°C....

PµC-CfP»Cḡ PīPsP»PsPiC-Pī PīPsC,CḡPµP±P° Pī C-PSCfCfP»C-PSC- CēPIPēPrPePs
PīPsPIPµCḡC,P°C”C,CHCfCḡ PrPs PīPsC‡P°C,PePsPIPsPiPs CḡC-PIPSḡ.

PhP±PjPµP¶PµPSCḡ C%PsPrPs P»C-PeCfPIP°PSPSCḡ C†CfPeCḡPsPIPsPiPs PrC-P°P±PµC,Cf
C-PSCfCfP»C-PSPsPj Cf PīPµCḡC-PsPr PiPsPrCfPIP°PSPSCḡ PiCḡCfPrPrCḡ C,P°PePsP¶
PSPµPjP°C”, PsCfPeC-P»CHPePe P»C-PeCfPIP°PSPSCḡ PjP°C,PµCḡC- PSPµ CfC,PIPsCḡCḡC”
P±CfPrCH-CḡPePsPiPs CḡPēP·PēPeCf PrP»Cḡ PrPēC,PēPSPē. PhPrPSP°Pe PjPsP¶Pµ
PIPēPSPēPePSCfC,Pē PSPµPsP±C...C-PrPSC-CfC,CH PePsCḡPµPeC†C-C— PrPsP·Pē C,P°/P°P±Ps
PrC-C”C,Pē PrP»Cḡ PjP°C,PµCḡC-.

PµPµCḡC,PēP»CHPSC-CfC,CH

P”PsCfP»C-PrP¶PµPSPSCḡ CḡPµPīCḡPsPrCfPeC,PēPIPSPsC— C,PsPeCfPēC‡PSPsCfC,C- PSP°
C,PIP°CḡPēPSP°C... C-P· P·P°CfC,PsCfCfPIP°PSPSCḡPj P»CḡPrCfCHPePsPiPs
C-PSCfCfP»C-PSCf PSPµ PIPēCḡPIPēP»Pē P±CfPrCH-CḡPePsPiPs PSPµPiP°C,PēPIPSPsPiPs
PIPīP»PēPICf PSP° C,,PµCḡC,PēP»CHPSC-CfC,CH.

*P—PrP°C,PSC-CfC,CH PIPīP»PēPIP°C,Pē PSP° CēPIPēPrPeC-CfC,CH CḡPµP°PeC†C-C— PīCḡPē
PePµCḡC‡PIP°PSPSC- P°PIC,PsC,CḡP°PSCfPiPsCḡC,PsPj P°P±Ps C-PSCēPēPjPē
PjPµC...P°PSC-P·PjP°PjPē.*

P PµP°PeC†C-Cḡ C...PIPsCḡPsPiPs C,P° PNēPsPiPs P·PrP°C,PSC-CfC,CH
PePsPSC†PµPSC,CḡCfPIP°C,Pē CfPIP°PiCf PjPsP¶CfC,CH P±CfC,Pē PīPsCḡCfCēPµPSC- PīCḡPē
PiC-PīPsPiP»C-PePµPjC-C—, C%Ps PjPsP¶Pµ CfC,P°C,Pē C,,P°PeC,PsCḡPsPj CḡPēP·PēPeCf Cf
CfPēC,CfP°C†C-CḡC..., PePsP»Pē C†Cḡ P·PrP°C,PSC-CfC,CH PSP°P±CfPIP°C”
PsCfPsP±P»PēPIPsPiPs P·PSP°C‡PµPSPSCḡ (PSP°PīCḡPēPeP»P°Pr PīCḡPē PePµCḡCfPIP°PSPSC-
P°PIC,PsPjPsP±C-P»PµPj P°P±Ps CḡPsP±PsC,C- P· C-PSCēPēPjPē PjPµC...P°PSC-P·PjP°PjPē).

PfPIPsCḡPēPj CfP»C-Pr CḡPµPePsPjPµPSPrCfPIP°C,Pē PIP¶PēC,Pē P·P°C...PsPrC-Pī P·
PīCḡPsC,,C-P»P°PeC,PēPePē PiC-PīPsPiP»C-PePµPjC-C— PīPµCḡPµPr C,PēPj, CḡPe CfC-PrP°C,Pē
P·P° PePµCḡPjPs. PjPµ PsCfPsP±P»PēPIPs PIP°P¶P»PēPIPs PrP»Cḡ C...PIPsCḡPēC..., Cf
CḡPePēC... PsCfP»P°P±P»PµPSC- C‡Pē PIC-PrCfCfC,PSC- CfPēPjPiC,PsPjPē-

PiCḡPsPIC-CÍPSPëPePë PiC-PiPsPiP»C-PePμPjC-C— P°P±Ps PμPiC-P·PsPrPë
PiC-PiPsPiP»C-PePμPjC-C— PIPëPSPëPeP°CḡC,CH C‡P°CÍC,Ps. P—P° C,P°PePëC...
PsP±CÍC,P°PIPëPS CÍP»C-Pr P·PIP°P¶PëC,Pë PrPsC†C-P»CHPSC-CÍC,CH
PePμCḡC†PIP°PSPSC¶ P°PIC,PsPjPsP±C-P»PμPj.

PŸPiPsCÍC-P± P·P°CÍC,PsCÍC¿PIP°PSPSC¶ C,P° PrPsP·Pë.

PḡC-PeCÍC,P°CḡPr^{B®} 30 PḡPḡ C" PrPIPsC,,P°P·PSPëPj P»CḡPrCÍCḡPePëPj
C-PSCÍC†P»C-PSPsPj. P"Ps PNëPsPiPs CÍPeP»P°PrC† PIC...PsPrC¶C,CH C-PSCÍC†P»C-PS
PePsCḡPsC,PePsC— PrC-C— C,P° C-PSCÍC†P»C-PS C,CḡPëPIP°P»PsC— PrC-C—.
PμCḡPμPíP°CḡP°C,Pë PrPIPsC,,P°P·PSPsPiPs C-PSCÍC†P»C-PSC† P·P°P·PIPëC‡P°PNë
PIPIPsPrC¶C,CH 1 P°P±Ps 2 CḡP°P·Pë PSP° PrPsP±C†, PePsP»Pë PSPμPsP±C...C-PrPSPs
PsPrPμCḡP¶P°C,Pë C€PIPëPrPePëPNë PiPsC‡P°C,PePsPIPëPNë PμC,,PμPeC, P· PiPsPrP°P»CHC€PëPj
P±C-P»CHC€ C,CḡPëPIP°P»PëPj PμC,,PμPeC,PsPj.

P"PsP·C¿PIP°PSPSC¶.

PŸPëP»P° PrC-C— P»CḡPrCÍCḡPePsPiPs C-PSCÍC†P»C-PSC† PIPëCḡP°P¶P°C"C,CHCÍC¶ PI
PjC-P¶PSP°CḡPsPrPSPëC... PsPrPëPSPëC†C¶C... (PḡPh).

P"PsP·C†PIP°PSPSC¶ C-PSCÍC†P»C-PSC† C-PSP†PëPIC-PrC†P°P»CHPSPμ C-
PIPëP·PSP°C‡P°C"C,CHCÍC¶ P»C-PeP°CḡPμPj PIC-PrPiPsPIC-PrPSPs PrPs PiPsC,CḡPμP±
C...PIPsCḡPsPiPs.

P†PSP†PëPIC-PrC†P°P»CHPSP° PiPsC,CḡPμP±P° PI C-PSCÍC†P»C-PSC- P·P°P·PIPëC‡P°PNë
CÍC,P°PSPsPIPëC,CH PIC-Pr 0,3 PrPs 1,0 PḡPh/PePi/PrPsP±C†. P"PsP±PsPIP° PiPsC,CḡPμP±P°
PI C-PSCÍC†P»C-PSC- PjPsP¶Pμ P·CḡPsCÍC,P°C,Pë C† C...PIPsCḡPëC... P·
CḡPμP·PëCÍC,PμPSC,PSC-CÍC,CH PrPs C-PSCÍC†P»C-PSC† (PSP°PiCḡPëPeP»P°Pr, C†
PiC†P±PμCḡC,P°C,PSPsPjC† PiPμCḡC-PsPrC- P°P±Ps PiCḡPë PsP¶PëCḡC-PSPSC-) C-
P·PSPëP¶C†PIP°C,PëCÍC¶ C† C...PIPsCḡPëC... C-P· P·P°P»PëC€PePsPIPëPj
PμPSP†PsPiPμPSPSPëPj PiCḡPsPrC†PeC†PIP°PSPSC¶Pj C-PSCÍC†P»C-PSC†.

P†PSBḡ™C"PeC†C-CH CÍP»C-Pr CḡPsP±PëC,Pë P·P° 30 C...PIPëP»PëPS PrPs
PsCÍPSPsPIPsPiPs P°P±Ps PrPsPrP°C,PePsPIPsPiPs PiCḡPëPNëPsPjC† C—P¶C-, C%oPs
PjC-CÍC,PëC,CH PIC†PiP»PμPIPsPrPë.

PḡPsCḡPμPeC†C-C¶ PrPsP·Pë.

PŸC†PiC†C,PSC- P·P°C...PIPsCḡCHPIP°PSPSC¶, PsCÍPsP±P»PëPIPs C-PSC,,PμPeC†C-C— C,P°
PiP°CḡC¶C‡PePsPIC- CÍC,P°PSPë, P·P°P·PIPëC‡P°PNë PiC-PrPIPëC%oC†CḡC,CH PiPsC,CḡPμP±C†
C...PIPsCḡPsPiPs PI C-PSCÍC†P»C-PSC-. PŸC†PiC†C,PSC- P·P°C...PIPsCḡCHPIP°PSPSC¶
PSPëCḡPsPe, PiPμC‡C-PSPëPë P°P±Ps C†CḡP°P¶PμPSPSC¶ PSP°PrPSPëCḡPePsPIPëC...
P·P°P»PsP·, PiC-PiPsC,,C-P·P° P°P±Ps C%oPëC,PsPiPsPrC-P±PSPsC— P·P°P»PsP·Pë
PIPëPjP°PiP°CḡC,CH P·PjC-PS PrPsP·Pë C-PSCÍC†P»C-PSC†.

PḡPsCḡPμPeC†C-C¶ PrPsP·Pë PjPsP¶Pμ C,P°PePsP¶ P±C†C,Pë PiPsC,CḡC-P±PSP° PiCḡPë
PiC-PrPIPëC%oPμPSPSC- PiP°C†C-C"PSC,P°PjPë C,,C-P·PëC‡PSPsC— P°PeC,PëPIPsCÍC,C-
P°P±Ps P·PjC-PSC- P·PIPëC‡PSPsPiPs CḡP°C†C-PsPSC† C...P°CḡC‡C†PIP°PSPSC¶ C‡Pë
CÍC†PiC†C,PSCHPsPjC† P·P°C...PIPsCḡCHPIP°PSPSC-. PμC-PrP±C-Cḡ PrPsP·Pë C,P°PePsP¶
PjPsP¶Pμ P±C†C,Pë PSPμPsP±C...C-PrPSPëPj PiCḡPë PiPμCḡPμPIPμPrPμPSPSC- C...PIPsCḡPëC...
PSP° C-PSC€C- PiCḡPμPiP°CḡP°C,Pë C-PSCÍC†P»C-PSC†.

[illegible]

РќРµ PIPëPePsCĤPëCĬC,PsPICrPIP°C,Pë PĭC-CĬP»CĬ P·P°PjPsCĤPsP¶CĬPIP°PSPSCĬ.

PŸP»C-Pr CĤPµPePsPjPµPSPPrCĬPIP°C,Pë PĭP°C†C-C"PSC,CĬ CĬC,PëP»C-P·CĬPIP°C,Pë PiPsP»PeCĬC,P° CĖPĭCĤPëC† PĭC-CĬP»CĬ PePsP¶PSPSc— C-PSḂĤ™C"PëC†C-C—.

РљPsP¶PµPS PSPµPIPëPePsCĤPëCĬC,P°PSPëPNë P»C-PeP°CĤCĬCHPePëPNë P·P°CĬC-P± P°P±Ps PIC-PrC...PsPrPë PjP°CĤC,CH P±CĬC,Pë CĬC,PëP»C-P·PsPIP°PSC- P·PiC-PrPSPs P·PjC-CĬC†PµPIPëPjPë PIPëPjPsPiP°PjPë.

P"PsP»PePë C,P° CĖPĭCĤPëC† P· PĭCĤPµPĭP°CĤP°C,PsPj PĤC-PeCĬC,P°CĤPr^{B®} 30 PќPĤ PĭCĤPëP·PSP°C†PµPSC- C,C-P»CHPePë PrP»CĬ C-PSPrPëPIC-PrCĬP°P»CHPSPsPiPs PIPëPePsCĤPëCĬC,P°PSPSCĬ.

-
P"C-C,Pë.

РµCĤPµPĭP°CĤP°C, PĤC-PeCĬC,P°CĤPr^{B®} 30 PќPĤ PjPsP¶PSP° P·P°CĬC,PsCĬPsPICrPIP°C,Pë PrC-C,CĬPj C,P° PĭC-PrP»C-C,PeP°Pj.

PµPµCĤPµPrPsP·C¿PIP°PSPSCĬ.

PĬPsC†P° PrP»CĬ C-PSCĬCĬP»C-PSCĬ CĬPĭPµC†PëC,,C-C†PSPµ PĭPsPSCĬC,C,CĬ PĭPµCĤPµPrPsP·CĬPIP°PSPSCĬ PSPµ CĬC,,PsCĤPjCĬP»CHPsPIP°PSPµ, PsPrPSP°Pe PĭC-CĬP»CĬ PNëPsPiPs PIPµPrPµPSPSCĬ PjPsP¶Pµ CĤPsP·PIPëPSCĬC,PëCĬCĬ PiC-PĭPsPiP»C-PePµPjC-CĬ CĬ PIPëPiP»CĬPrC- PĭPsCĬP»C-PrPsPIPSPëC... CĬC,P°PrC-PNë, CĬPeC%Ps P·P°CĬC,PsCĬPsPICrPIP°P»Pë P·P°PSP°PrC,Ps PIPëCĬPsPeC- PĭPsCĤC-PIPSCĬPSPs P·PĭPsC,CĤPµP±P°PjPë PĭP°C†C-C"PSC,P° PrPsP·Pë.

B· P»PµPiPeCĬ PiC-PĭPsPiP»C-PePµPjC-CĤ PjPsP¶PSP° P»C-PeCĬPIP°C,Pë PĭCĤPëPNëPsPjPsPj PIPSCĬC,CĤC-CĖPSCHPs PiP»CĤPePsP·Pë P°P±Ps CĬPsP»PsPrPePëC... PĭCĤPsPrCĬPeC,C-PI. PŸPsPjCĬ C...PIPsCĤPëPj PSP° C†CĬPeCĤPsPIPëPNë PrC-P°P±PµC, CĤPµPePsPjPµPSPPrCĬ"C,CHCĬCĬ PĭPsCĬC,C-PNëPSPs PjP°C,Pë PĭCĤPë CĬPsP±C-PrPµPeC-P»CHPeP° PĭCĤPsPrCĬPeC,C-PI, C%Ps PjC-CĬC,CĬC,CH C†CĬPePsCĤ.

B· Pj CĤP°P·C- C,CĬP¶PePsC— PiC-PĭPsPiP»C-PePµPjC-C—, PePsP»Pë C...PIPsCĤPëPNë P·PSP°C...PsPrPëC,CHCĬCĬ CĬ PSPµPĭCĤPëC,PsPjPSPsPjCĬ CĬC,P°PSC-, PsCĬPsP±Pë, CĬPeC-PĭCĤPsPNëCĖP»Pë PIC-PrPĭPsPIC-PrPSPëPNë C-PSCĬC,CĤCĬPeC,P°P¶, PĭPsPIPëPSPSC-PIPIPµCĬC,Pë PNëPsPjCĬ PiP»CĤPeP°PiPsPS PĭC-PrCĖPeC-CĤPSPs P°P±Ps PIPSCĬC,CĤC-CĖPSCHPsPjḂĤ™CĬP·PsPIPs (PIC-Pr 0,5 PrPs 1,0 PjPi). PĤPµPrPëC†PSPëPNë PĭCĤP°C†C-PIPSPëPe PjPsP¶Pµ PIPµCĬC,Pë C...PIPsCĤPsPjCĬ PiP»CĤPePsP·CĬ PIPSCĬC,CĤC-CĖPSCHPsPIPµPSPSPs. P"P»CĤPePsP·CĬ C,P°PePsP¶ PĭPsC,CĤC-P±PSPs PIPµPrPëC,Pë PIPSCĬC,CĤC-CĖPSCHPsPIPµPSPSPs, CĬPeC%Ps C...PIPsCĤPëPNë PSPµ CĤPµP°PiCĬC" PSP° PIPµPrPµPSPSCĬ PiP»CĤPeP°PiPsPSCĬ PĭCĤPsC,CĬPiPsPj 10ḂĤ"15 C...PIPëP»PëPS.

РµC-CĬP»CĬ C,PsPiPs, CĬPe C...PIPsCĤPëPNë PsPĭCĤPëC,PsPjPSC-C", PNëPsPjCĬ CĬP»C-Pr PIP¶PëC,Pë PĭCĤPsPrCĬPeC,Pë, C%Ps PjC-CĬC,CĬC,CH PICĬPiP»PµPIPsPrPë, PrP»CĬ P·P°PĭPsP±C-PiP°PSPSCĬ CĤPµC†PëPrPëPICĬ.

$$PuPsC\overline{H}C\acute{z}C\epsilon P\mu P\overline{S}P\overline{S}C\overline{I}P\cdot P\pm PsPeC\acute{z}P\overline{S}P\mu C\overline{H}PIPsPIPsC-\overline{C}I\overline{P}\epsilon\overline{C}I\overline{C},P\mu PjP\epsilon.$$

$P_k P^o P N_2 C \pm P^o C \Gamma C, C - C \epsilon P \ddot{e} P_j \ddot{P} i P s P \pm C - C \ddagger P S P \ddot{e} P_j P_{\mu} C, P_{\mu} P e C, P s P_j C'' P i C - \ddot{P} i P s P i P \gg C - P e P_{\mu} P_j C - C \ddagger$
 $P^o P s P S P^o P_j P s P \parallel P_{\mu} P i P \ddot{e} P S P \ddot{e} P e P S C r C, P \ddot{e}, P e P s P \gg P \ddot{e} P r P s P \cdot P^o P \cdot P S P^o C \ddagger P S P s$
 $\ddot{P} i P_{\mu} C \ddot{H} P_{\mu} P i P \ddot{e} C \% C r C'' \ddot{P} i P s C, C \ddot{H} P_{\mu} P \pm P \ddot{e} C \dots P i P s C \ddot{H} P s P i P s P i C - P S C \Gamma C r P \gg C - P S C - . P \check{y} C \ddagger P \parallel P e P^o$
 $P i C - \ddot{P} i P s P i P \gg C - P e P_{\mu} P_j C - C \ddagger P_j P s P \parallel P_{\mu} P i C \ddot{H} P \ddot{e} P \cdot P i P_{\mu} C \Gamma C, P \ddot{e} P r P s P i C, C \ddot{H} P^o C, P \ddot{e}$
 $C \Gamma P i C - P r P s P_j P s C \Gamma C, C - C, P^o / P^o P \pm P s P i P \ddot{e} P S P \ddot{e} P e P S P_{\mu} P S P S C \ddagger C \Gamma C r P r P s P_j P \cdot$
 $\ddot{P} i P s P r P^o P \gg C \ddot{H} C \epsilon P \ddot{e} P_j P \ddot{e} C, P \ddot{e} P_j C \ddagger P^o C \Gamma P s P i P \ddot{e} P_j P \ddot{e} P^o P \pm P s P i P s C \Gamma C, C - P N_2 P S P \ddot{e} P_j P \ddot{e}$
 $\ddot{P} i P s C \ddot{H} C r C \epsilon P_{\mu} P S P S C \ddagger P_j P \ddot{e} C, C r P S P e C \ddagger C - C - P i P s P \gg P s P i P S P s P i P s P_j P s P \cdot P e C r C - P S P^o P i C - C, C \ddot{H}$

PrPs P»PµC,P°P»CHBPSPsPiPs PSP°CÍP»C-PrPeCf. PŸPëPjPiC,PsPjPë PiC-PiPsPiP»C-PePµPjC-C—
P·P°P·PIPëC‡P°PNë PIPëPSPëPeP°CĤC,CH CĤP°PiC,PsPIPs. P'PsPSPë PjPsP¶CfC,CH
PIPeP»CĤC‡P°C,Pë C...PsP»PsPrPSPëPNë PiC-C,, P±P»C-PrC-CÍC,CH,
PiPsC...PsP»PsPrPSC-PSPSC¶ C€PeC-CĤPë, CÍC,PsPjP»CĤPIP°PSC-CÍC,CH,
P·PSPµCĤPIP°PSC-CÍC,CH P°P±Ps C,CĤPµPjPsCĤ, C,CĤPëPIPsP¶PSC-CÍC,CH,
PSPµP·PIPëC‡P°PNëPSPµ CÍC,PsPjP»CĤPIP°PSPSC¶ P°P±Ps CÍP»P°P±PeC-CÍC,CH,
CÍPiP»CfC,P°PSC-CÍC,CH CÍPIC-PrPsPjPsCÍC,C-, CÍC,CĤCfPrPSPµPSPSC¶
PePsPSC‡PµPSC,CĤP°C†C-C— CÍPIP°PiPë, CÍPsPSP»PëPIC-CÍC,CH, PSP°PrPjC-CĤPSPëPNë
PiPsP»PsPr, P·PjC-PSPë P·PsCĤCf, PiPsP»PsPIPsPëPNë P±C-P»CH, PSCfPrPsC,Cf C,P°
PiCĤPëCÍPePsCĤPµPSPµ CÍPµCĤC‡PµP±PëC,C,C¶.

*PµPsCĤCžC€PµPSPSC¶ P· P±PsPeCž C€PeC-CĤPë C,P° PiC-PrC€PeC-CĤPSPsC—
PeP»C-C,PePsPIPëPSPë*

P>C-PiPsPrPëCÍC,CĤPsC,,C-C¶ (PI C,PsPjCf C‡PëCÍP»C-
P»C-PiPsPiC-PiPµCĤC,CĤPsC,,C-C¶, P»C-PiPsP°C,CĤPsC,,C-C¶) C,P° P°PjC-P»PsC—PrPsP·
C€PeC-CĤPë PjPsP¶CfC,CH CĤPsP·PIPëPIP°C,PëCÍC¶ Cf PjC-CÍC‡C¶C... C-PSBĤ™C"PeC†C-C—
PiCĤPµPiP°CĤP°C,Cf C,P° PIC-PrCÍC,CĤPsC‡CfPIP°C,Pë PICÍPjPsPeC,CfPIP°PSPSC¶
C-PSCÍCfP»C-PSCf P· PjC-CÍC‡C¶ C-PSBĤ™C"PeC†C-C—.

PµPsCÍC,C-PNëPSP° P·PjC-PSP° PjC-CÍC‡C¶ C-PSBĤ™C"PeC†C-C— Cf PjPµP¶P°C...
PiPµPIPsPsC— PrC-P»C¶PSPePë PjPsP¶Pµ P·PSPëP·PëC,Pë PiCĤPsC¶PI P°P±Ps
P·P°PiPsP±C-PiC,Pë CĤPsP·PIPëC,PeCf C†C-C" C— CĤPµP°PeC†C-C—.

P"C-C,Pë

P—P° PrP°PSPëPjPë PiPsCÍC,PjP°CĤPePµC,PëPSPiPsPIPëC... CÍPiPsCÍC,PµCĤPµP¶PµPSCĤ C,P°
PeP»C-PSC-C‡PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ PiPsP±C-C‡PSC- CĤPµP°PeC†C-C— Cf
PrC-C,PµPNë P·P° C‡P°CÍC,PsC,PsCĤ, C,PëPiP°PjPë C,P° C,C¶P¶PeC-CÍC,CĤ PSPµ
PIC-PrCĤC-P·PSC¶CĤC,CHCÍC¶ PIC-Pr C,PëC..., C°Ps CÍPiPsCÍC,PµCĤC-PiP°CĤC,CHCÍC¶
Cf P·P°PiP°P»CHBPSC-PNë PiPsPiCfP»C¶C†C-C—.

P†PSC€C- PsCÍPsP±P»PëPIC- PiCĤCfPiPë PiP°C†C-C"PSC,C-PI

P—P° PrP°PSPëPjPë PiPsCÍC,PjP°CĤPePµC,PëPSPiPsPIPëC... CÍPiPsCÍC,PµCĤPµP¶PµPSCĤ C,P°
PeP»C-PSC-C‡PSPëC... PrPsCÍP»C-PrP¶PµPSCĤ PiPsP±C-C‡PSC- CĤPµP°PeC†C-C— Cf
PiP°C†C-C"PSC,C-PI P»C-C,PSCĤPsPiPs PIC-PeCf C,P° PsCÍC-P± C-P· PiPsCĤCfC€PµPSPSC¶Pj
C,,CfPSPeC†C-C— PSPëCĤPsPe P°P±Ps PiPµC‡C-PSPePë P·P° C‡P°CÍC,PsC,PsCĤ, C,PëPiP°PjPë
C,P° C,C¶P¶PeC-CÍC,CĤ PSPµ PIC-PrCĤC-P·PSC¶CĤC,CHCÍC¶ PIC-Pr C,PëC..., C°Ps
CÍPiPsCÍC,PµCĤC-PiP°CĤC,CHCÍC¶ Cf P·P°PiP°P»CHBPSC-PNë PiPsPiCfP»C¶C†C-C—.

P—PIC-C,CfPIP°PSPSC¶ PiCĤPs PiC-PrPsP·CĤCĤPIP°PSC- PiPsP±C-C‡PSC- CĤPµP°PeC†C-C—

PµC-CÍP»C¶ CĤPµC"CÍC,CĤP°C†C-C— P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±Cf
PIP°P¶P»PëPIPs PiPsPIC-PrPsPjP»C¶C,Pë PiCĤPs PiC-PrPsP·CĤCĤPIP°PSC- PiPsP±C-C‡PSC-
CĤPµP°PeC†C-C—. PiPµ PrP°C" P·PjPsPiCf PiCĤPsPrPsPIP¶CfPIP°C,Pë PjPsPSC-C,PsCĤPëPSPi
CÍPiC-PIPIC-PrPSPsC€PµPSPSC¶ PePsCĤPëCÍC,CH/CĤPëP·PëPe P·P°CÍC,PsCÍCfPIP°PSPSC¶
P»C-PeP°CĤCÍCHPePsPiPs P·P°CÍPsP±Cf. P>C-PeP°CĤC¶Pj CĤPµPePsPjPµPSPPrCfC"C,CHCÍC¶
PiPsPIC-PrPsPjP»C¶C,Pë PiCĤPs PiC-PrPsP·CĤCĤPIP°PSC- PiPsP±C-C‡PSC- CĤPµP°PeC†C-C—
PrPs PjC-CÍC‡PµPIPëC... PsCĤPiP°PSC-PI C,,P°CĤPjP°PePsPSP°PiP»C¶PrCf.

PJPIP°PePsPIPeP°. P_{II}Ps 10 PjP» Cr C_{II}P»P°PePsPSC-; P_{II}Ps 1 C_{II}P»P°PePsPSCr PI

$$\text{PeP}^\circ\text{CH}_2\text{C}, \text{PsPSPSC-PN}_2, \text{PePsCH}_2\text{PsP}\pm\text{C}\dagger\text{C}-.$$
$$\mathbf{P} \mathbf{L} \mathbf{P}^{\circ} \mathbf{C}, \mathbf{P} \mathbf{P} \mathbf{P} \mathbf{i} \mathbf{P} \mathbf{s} \mathbf{C} \mathbf{H} \mathbf{C} - \mathbf{C} \mathbf{H} \mathbf{P} \mathbf{I} \mathbf{C} - \mathbf{P} \mathbf{r} \mathbf{P} \mathbf{i} \mathbf{C} \mathbf{r} \mathbf{C} \mathbf{I} \mathbf{P} \mathbf{e} \mathbf{C} \mathbf{r}. \mathbf{P} - \mathbf{P}^{\circ} \mathbf{C} \mathbf{H} \mathbf{P} \mathbf{P} \mathbf{C} \mathbf{I} \mathbf{P} \mathbf{P} \mathbf{i} \mathbf{C}, \mathbf{P} \mathbf{s} \mathbf{P} \mathbf{j}.$$

P'PëCĤPsP±PSPëPë. A/T PĥPsPIPs PĥPsCĤPrC-CĤPë.

$$\text{P}\acute{\text{K}}\text{P}\text{sPIPs} \quad \text{P}\acute{\text{K}}\text{P}\text{sC}\grave{\text{H}}\text{P}\text{r}\text{C}-\text{C}\acute{\text{I}}\text{P}\text{e} \quad \text{P}\grave{\text{U}}\text{C}\grave{\text{H}}\text{P}\text{sP}\text{r}\text{C}\grave{\text{H}}\text{P}\text{eC}\acute{\text{I}}\text{C}\grave{\text{H}}\text{P}\text{sPS} \quad \text{P}\ddot{\text{Y}}\text{P}\grave{\text{h}}\text{P}\ddot{\text{Y}}.$$

**Р_НС-СГ₁С†Р_μР·Р_{SP}°С...Р_SР_ГР¶Р_μР_{SP}Р_{SC}Ц ПР_ПСГ₂Р_SР±Р_{SP}Р_СР° С,Р° Р_NР_SР_ПР_S
Р°Р°Р_ГСГ₂Р_μСГ₁Р° Р₂С-СГ₁С†СЦ Р_ПСГ₂Р_SР_ПР°Р°Р_ГР¶Р_μР_{SP}Р_{SC}Ц Р_ГС-СЦР»С_HР_{SP}Р_SСГ₁С,С-.В**

P'P_sPIP_s PhP»P»C'', P'P°PiCΓPIP°PuCHPr, 2880, P''P°PSC-Cl.

45, aPIPuPSC $\overline{\text{H}}$ P $\overline{\text{T}}\overline{\text{B}}\overline{\text{T}}^{\text{TM}}$ P $\overline{\text{h}}\overline{\text{C}}\overline{\text{T}}\overline{\text{P}}\gg$ P $\overline{\mu}\overline{\text{P}}^{\circ}\text{PS}$, 28000, P $\overline{\text{E}}\overline{\text{P}}^{\circ}\overline{\text{C}}\overline{\text{T}}\overline{\text{C}}$, C $\overline{\text{T}}\overline{\text{h}}$, P $\overline{\alpha}\overline{\text{C}}\overline{\text{T}}\overline{\text{P}}^{\circ}\text{PSC}^{\dagger}\text{C-C}\overline{\text{U}}$.