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Sd lqj fruh r q kh'EWPC. lgh lq uhdglqj - u lqj - dqg p d k
nlw h rugh hørsp hq dofr u h p dBeh uht luhg

Qqh)2, a u lqj lq hq l h fr u h lq dqBgl flsdqh iurp dqB
fd hj r uBehør l uht luhg U fk fr u h duh gh lj qd hg a F
Sdu l f lsd l r q l q d Nhdw l qj Er p p ql B kd l qfo gh GPI 23
dor d l ilh kl uht luhp hq

GPI 12311	4 fuhgl
GPI 13511	4
JG 12511	2

~~-----~~

Lq urg f l r q r Suri h l r q doHr r g Uhu l f h)VCJ 18211,	4 fuhgl
E dqduBCu l Uhlw)EC 11211,	4
E dqduBCu ll OdmuVhfkqIt h)EC 11311,	4
Ddn l qj dqg Sd uB)EC 12211,	4
Hr r g Udi h Bdqg Udql d l r q Ehu l i l f d l r q)EC 1	

~~.....~~ G 27 fuhgl
Plqh):, fuhgl iurp Iur's C dqq'D)dp lqlp p ri kuhh)4,
fuhgl iurp hdfkjur s so kuhh)4, pruh fuhgl lq dqr khu
gl flsdqhiurp hl khulur s CruD, so h hq)8, fuhgl iurp
Iur s E

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L ^A CTVUCPF JWOCPLMGU 4.7 fuhgl
& (\$& # #) (&) & ! " # () '
)' ! '\$ % * % (& & '
G fo ghg duh Cu glr- O If glr- Vkhduh surg f lrq
nlø fr uh

L ^B DGJC LQTCN CPF UQELCN UEIGPEGU 4.7 fuhgl
(& \$ % \$! \$ * ' (\$ & \$! (! # + \$ # \$ " '
' * \$! \$ * \$ \$! \$ *

L OCVJGOCMEUCPF UEIGPEGU 8 fuhgl
Qqh Od khpd lf fr uh
Qqh Nder wd r l B U l h q f h fr uh h d f h g i u r p
\$! \$ * + " ' (& + & ! # (& # + * ' '

~~.....~~ G)1.4 fuhgl , iilflhq r p h h r do
uht luhp hq ri 71 fuhgl

Erq od lrq l k kh Fhsdup hq Cg l r u l uht luhg

~~.....~~



D>3&2.(D2: 19.2*).&D<*' 8.9*80&7*D)*: *145*)D: 8.3, DA) 4' *
F1&8-,D; *(947,D&3)D7&89*7D, 7&5-. (8.DDE25-&8.8D43D: 8*7-
+7.*3)1>,D; .8: &11>D&55*

P74, 7&280&3)DC4: 78*8



P7*7*6: .8.9*:D0 N43*

P7*7*6: .8.9*:D N43*



P7*0470(4-7*6: .8.9*:DH.8947>D470P41.9. (&D!) (*3(*D(4: 78*D&3)D
H#MDO8181D470H#MDO0200.

P7*0470(4-7*6: .8.9*:DH.8947>D470P41.9. (&D!) (*3(*D(4: 78*D&3)
H#MDO8181

P7*7*6: .8.9*:DED02100D470EDC03100D<.9-D&D5&88.3,
, 7&)*D4+DACB0470' *99*7;D4; *7&1DGPAD4+D2.75D470' *99*7;D&3)
5&88.3, D8(47*8D43D9- *DC#N%D&88*882*39D9*898D.3D7*&).3,
&3)D<7.9.3,

P7*7*6: .8.9*:DED02100D&3)EDC03000D<.9-D&D5&88.3,
, 7&)*D4+DACB0470' *99*7D&3)D5&88.3, D8(47*8D43D9- *DC#N%D&88-
8*882*39D9*898D.3D7*&).3, D&3)D<7.9.3,



P7*-D470(47*6: .8.9*:D0" AH07100

P7*7*6: .8.9*:D0P&88.3, D8(47*D43DP&79D04+D9- *DC425&88DE=&2D
(A7.9-2*9.)

P7*7*6: .8.9*:D0P&88.3, D8(47*D43DP&79D04+D9- *DC425&88DE=&2D
(A7.9-2*9.)

\$& &*

!: 7; *>D4+D\$ 471)DA79D+742D181&2.(D(: 19: 7*, D13). &, DA8.&, D&79D4+
9- *DA2*7. (&8D&3)DN&9.; *DA2*7. (&3D(: 19: 7*8, DA+7. (&D&3)D9- *
P&(.+.(D"- *D&79D4+D9- *8*D(4: 397.*8D&3)D(: 19: 7*8D<.1D' *D
89:).*)D+742D57*- .8947>D94D9- *D57*8*39.



\$& &*

13974): (9.43D94D9- *D9- *47.*8D&3)D(43(*598D<.9-.3D9- *
94: 7.82D&3)D-485.9&1.9>D.3): 897.*8D+742D&3D*397*57*3*: 7.&1
5*785*(9.; *D.3(1:).3, D0*>D)*9*72.3&398,D&3)D9- *.7D1334; &-
9.; *D.25&(9D43D5*7+472&3(*.D0"- *D.25479&3(*D&3)D.25&(9
4+D, 14' &1.7&9.43D.8D&3&1>?*) ,D&3)D+.3&3(&1,D2&70*9.3, D&3)
1*, &1D897&9* , *8D&7*D*=5147*).D"- *D94418D3***)D94D89&79D43*8
4<3D94: 7.82D&3)D-485.9&1.9>D': 8.3*88D&7*D*25-&8.7*).

\$& &*

AD8: 7; *>D4+D(7.9. (&D9*(-3414, >D(42543*398D.3D94: 7.82D&3)
& ; &9.43,D.3(1:).3, DG14' &1D.897.' : 9.43D! >89*28D(GD!)D&3)
9- *.7D&551. (&9.43D94D*&(-D.3): 897>D9-74; , -D<47051&(*D
8.2: 1&9.438D&3)D431.3*D&(9.; .9.*8.

\$& &*

AD8: 7; *>D4+D(7.9. (&D9*(-3414, >D(42543*398D.3D-485.9&1.9>
&3)D+44)D8*7; .(*8,D4+*7.3, D&D' &8.(D: 3)*789&3).3, D4+D9- *8*
8-89*28D&3)D9- *.7D&551. (&9.43D94D*&(-D.3): 897>D9-74; , -
<47051&(*D8.2: 1&9.438D&3)D431.3*D&(9.; .9.*8.DD49*1D5745-
*79>D2&3&, *2*39D84+9<&7*D.8D9&: , -9D&3)D+44)D8*7; .(*
5: 7(-&8.3, D8.2: 1&9.438D&7*D57&(9. (*).



C411*, *-1*; *107*&).3, D&3)D<7.9.3, ,D&3)D9- *D)*; *1452*39
4+D.)*&80.3D*88&>8,D.3(1:).3, D-4<D1&3, : &, *D(422: 3.(&9*8
+&(98,D.)*&80&3)D&99.9:)*8.DD\$7.9.3, D.8D57&(9.(*D&80&D574(*88
.3; 41;.3, D7*; .8.43D' &8*)D43D+**)' &(0D+742D7*&)*78.

C411*, *-1*; *10*88&.485 0 4(8)15495 4(D)40.278 0 4(*)4261540.374 0 4(&.485 0 4(8)15495 4(D)40.278 0 4(*)4264(*)1540.485

P7&(9.(*D.3D9- *D&79D&3)D(7&+9D4+D<7.9.3, D54 *97>.D13(1:) *8D*=-
9*38.; *D7*&).3, D.3D54 *97>,D+74 2D97&).9.43&1D94D*=5*7.2*39&1.
C1&88*8D<.11D' *D' 49-D<4708-45D&3)D).8(: 88.43-' &8*).D

A3D.3974): (9.43D94D! -&O*85* &7* @D54 *97>D&3)D51&>8,D<.9-D
&99*39.43D94D! -&O*85* &7* @D1&3, : &, *,D)7&2 &9.(D&79,D&3)D
-.8947.(&1D(439*=9.D

\$7.9.3, 8D&' 4: 9DA2 *7.(&3D.) *39.9>D9-74: , -D9- *D1*38D4+D
&); *39: 7*D&3)D*=5147&9.43.DD * &).3, 8D<.11D.3(1:) *D8-479D
8947.*8,D97&; *1D*88&>8,D-: 247D5.*(*8,D&3)D54 *97>.DD

H4 <D1.9*7&9: 7*D.D.8D.39*77*1&9*)D<.9-D+1.2,D*=5147*)D9-74: , -
&3&1>8.8D4+D.(9.43&1D<4708D&3)D9-*.7D+1.2D97* &9 2 *398.

I2&, .3&9.; *D1.9*7&9: 7*D&8D&D84: 7(*D4+D.38., -9D.394D-: 2&3
58>(-414, >.DD \$ 4708D.3(1:) *D(1&88.(8D4+D<471)D1.9*7&9: 7*D.3D&
7&3, *D4+D, *37*8.

A3D*=5147&9.43D4+D8*1*(9*)D9- *2 *8D4+D<4 2 *3D<7.9*78,D
.3(1:).3, D&D7&3, *D4+D+4728C+(.9.43,D)7&2&,D54 *97>,D&3)
2 *24.7C.3D' 49-D1.9*7&7>D&3)D545: 1&7D89>1*8.

! : 7; *>D4+D&B7.9.8-D&3)DA2 *7.(&3D&G49-. (D&3)D-47747D1.9*7&9: 7* ,
.3(1:).3, D8-479D8947.*8,D34; *18,D&3)D3&77&9.; *D54 *97>.DD
A3&1>8.8D4+D&G49-. (D97&55.3, 8D&3)D(7* &9: 7*8D8: (-D&8D
; &25.7*8D&3)D<*7* <41; *8D&8D9- *>D&55* &7D.3D1.9*7&9: 7* .D

AD8: 7; *>D4+DA2 *7.(&3D1.9*7&9: 7*D&3)D1.9*7&7>D- .8947>D+74 2D* &71>
A2 *7.(&D9-74: , -D9- *DC.; .1D \$ &7,D+4 (: 8.3, D43D9- *D-.8947.(&1,
5-.14845-. (&1,D7*1., .4: 8D&3)D1.9*7&7>D+47(*8D9-&9D8-&5*)
A2 *7.(&3D1.+* .D

*; . * <D4+D9- *D5&9-45->8.414, >,D2 *). (&9.438,D&3)D8., 38D&3)
8>2594 28D4+D8*1*(9*)D).8* &8*8,D).847) *78D&3)D).8&' .19.*8.
D*8., 3D4+D8&+*D&3)D*++*(9.; *D*=*7(.8*D574, 7&28D9-&9D(438.) *7
9- *D*++*(98D4+D9- *8*D(43).9.438D&3)D9- *7D97* &9 2 *39D43D9- *
' 4)>@D7*85438*D&3)D&)&59&9.43D94D*=*7(.8*.DDA88*88 2 *39D4+
5489: 7*,D7&3, *D4+D 249.43,D2: 8(: 1&7D+93*88D&3)D, &9.DD

M*9-4)8D94D&88*88D.3).; .): &1D- * &19-D89&9: 8D&3)D7.8D+&(9478
57.47D94D.3.9.&9.3, D&3D*=*7(.8*D574, 7&2.DD''*(-3.6: *8D+47D&8-
8*88.3, D9- *D(42543*398D4+D5->8.(&1D+.93*88,D.3(1:).3, D
(&7).47*85.7&947>D*3): 7&3(*,D2: 8(: 1&7D+.93*88,D+1*=' .1.9>
&3)D' 4)>D(42548.9.43.DD#8.3, D4' /*(9.; *D&3)D8: ' /*(9.; *D.3-
+472&9.43,D) *8., 3D8&+*D&3)D*++*(9.; *D*=*7(.8*D574, 7&28D+47D
&55&7*391>D- * &19->D&): 198.

A3D.39*7).8(.51.3&7>D89:)>D4+D<4 2 *3D+74 2D&3D-.8947.(&1D&3)
2: 19.(: 19: 7&1D5*785*(9.; *D+4 (: 8.3, D43D9- *D84(.4--.8947.(&1
&3)D541.9.(&1D548.9.43D4+D<4 2 *3.DD! 4.(&1D8(. *3(*D&3)D+ *2.-
3.89D9- *47.*8D&7*D: 8*)D94D&3&1>? *D, *3) *7D.3*6: &1.9>D.3D84 (-
*9>.DDG *3) *7D).+ *7*3(*8D&7*D&3&1>?*)D94D: 3) *789&3)D
<4 2 *3@D-.8947.(&1D&3)D5