

GMAT3220

; YcgdUhjU``=bZcfaUhjcb'GmghYag

GWcc``cZ7]j]`'UbX'9bj]fcba YbNJ`9b[]bYYf]b[``##'I BGK `'9b[]bYYf]b[

HYfa 'C bY''##'&\$&%

7 ci fgY⁻Cj Yfj]Yk

GHJZZ7cbHJWh78YHJ]`g

7cbj Ybcfg

B Ua Y	9a U]`	5j U]`UV]`]m	@cWUh]cb	D∖cbY
GUa gi b[<i>`@</i>]a	g"`]a 4 i bgk "YXi "Ui	K YXbYgXUmUbX H∖i fgXUm	79(%%)()\$)

GWXcc``7cbHJWhi=bZcfaUh]cb

<u>9b[]bYYf]b[_`Ghi XYbhGi ddcfhGYfj]WYg</u>`-'H\Y`Bi WYi g`!`Ybfc`a Ybhž'dfc[fYgg]cb`W\YW_gžWUg\`fYei Yghgž Wci fgY`]ggi Yg`cf`dfc[fUa !fY`UhYX'ei Yf]Yg`

<u>9b[]bYYf]b[`⊕Xi ghf]U``HfU]b]b[</u>`-`⊕Xi ghf]U``HfU]b]b[`ei Ygh]cbg`

I BGK 'Gh Xm5VfcUX'-gh XmUVfcUX'gh XYbhYbei]f]Yg'fZcf']bVci bX'gh XYbhgŁ'

<u>IBGK '91 W.Ub[Y</u>'-'ghi XYbhYI W.Ub[Y'Ybei]f]Yg'fZcf']bVci bX'ghi XYbhgŁ'

I BGK :: i h fY'Gh XYbhg'-'dchYbh]U``gh XYbhYbei]f]Yg'Y"["'UXa]gg]cbgž'ZYYgž'dfc[fUa gž'WfYX]hhfUbgZYf'

D\cbY'

- fŽ*%*&Ł-',)*,)\$\$°-BiWYig'GhiXYbh<iV
- fŽ*%*&&-',)`+**%`**-**`9b[]bYYf]b[`=bXi ghf]U``HfU]b]b[`
- fŽ*%`&Ł'-',)`'%+-`<mark>-</mark>`IBGK `GhiXm`5VfcUX`UbX`IBGK `9IW\Ub[Y`fZcf`]bVcibX`ghiXYbhgŁ`

7ci fgY[·]8YHJ]`g

7 fYX]hDc]bhg***

Gi a a UfmcZh\Y'7ci fgY

H\Y'a U]b`cV'YW]j Y'cZh]g`Vci fgY`]g`hc`dfcj]XY'Z bXUa YbHJ`; YcgdUh]U``=bZcfa Uh]cb`GmghYa ff =GŁ _bck `YX[Y`UbX`g_]``g"'; =G`]g`U`a i `h]X]gW]d`]bUfmZ]Y`X`Vi]`hci hcZ_bck `YX[Y`Zfca [Yc[fUd\mž`VUfhc[fUd\mž Vca di hYf`gW]YbW'`UbX`a Uh\Ya Uh]Vg''H\Y`VUg]Vg`cZVUfhc[fUd\mžgdUh]U``UbU`mg]g`UbX`Vca di hYf dfc[fUa a]b[`k]``VY`Vcj YfYX`]b`h\Y`WUggfcca `hc`\Y`d`gh XYbhg`Vi]`X`i d`h\Y`Zci bXUh]cb`cZ; =G''Gh XmcZ gdUh]U``fYdfYgYbHJh]cbž[YcfYZYfYbW]b[žXUHU`UVW fUWmžXUHU`a cXY`gžXUHU`gffi Wi fYg`UbX`XUHU`dfcWfgg]b[UfY`bYVVggUfmZcf`ghi XYbhg`hc`]bj Ygh][UhY`Z fh\Yf`h\Y`UXj UbVVX`UfYUg`cZ; =G`]b`h\Y]f`Z hi fY`VUfYYf''A cfY UXj UbVVX`hcd]Vg`k]``VY`X]gW ggYX`]b`; A 5H(&&\$`k\YfY`[YbYf]WU`[cf]h\a gžZ bXUa YbHU``h\Ycf]Yg`UbX hYVkb]ei YgžUbX`dfUVM]WU``Udd`]WUh]cbg`cZ; =G`k]``YY`ghi X]YX"

7 ci fgY 5]a g

$$\begin{split} & H \left[g'WcifgY'U\right]a g'hc'dfcj \left[XY'H Y'dfUWfWU''HU]bb[c']b'cfXYf'Zcf'H Y'gH XYbHc'k cf_YZYWfj Y'mUbX'Wf]hWU'm k \left[h'; <math>=$$
 "7 cbW/dhg'UbX'XYZ]b]hcbg'cZgdUhU'']bZcfa Uh]cb'gmgH'a gž'WccfX]bUHY'gmgH'a gž'a Udd]b['UbX'gdUh]U'']ggi Ygž'XUHU'gHf WhifYg']bWiX]b['j YWcfž'fUgHYf'UbX'gi fZUWY'a cXY']b["' \pm odi Hi]b['VcH 'gdUh]U'' UbX'UHT]Vi H' XUHU'bc'H Y'; = "'HfUbgZcfa Uh]cb'cZXUHU'VYHk YYb'WccfX]bUHY'gmgH'a gž'fY!dfc'YWf]cb'cZ a Ud'WccfX]bUHY'gmgH'a gž'fY!dfc'YWf]cb'cZ a Ud'WccfX]bUHY'gmgH'a gž'fY!dfc'YWf]cb'cZ a Ud'WccfX]bUHY'g''; DG!VUgYX']a U[Y'fY[]gHfUh]cb''; Yc!XUHUVUgYg'''9X]hb['XUHU'UbX'WfYUh]b['hcdc'c[]WU'm WYUb'XUHU''HU[[]b['gdUh]U`'XUHU'k]h''UHf]Vi H'gž'']b_]b['gdUh]U`'XUHU'hc'UHf]Vi h''XUHUVUgYg''' gY''2Vuf]cbz'' a U_1Wf_V'' h''XUHUZ''' [gY''CVUg]W UbU'mg]g'Z bWf]cbg.'gdUh]U`'XUHU'k]h''UHf]Vi H''gY'YWf]cbz'a U_]b[''fYdcfng'cZgdUh]U`'UbX'UHf]Vi h''XUHU'z]bH'fZJW]b[''hc'h Y''gmgH'a 'i g]b[''U'\]['''Yj'Y'`Ub['i U[Y'''] gY'CZh'Y'K cf'X'K]XY'K YV'hc'X]ggYa]bUH'' [bZcfa Uh]cb'''

7cifgY`@YUfb]b[`CiHWcaYg

@YUfb]b[CiHWcaY	95 GHJ[Y % 7ca dYhYbW]Yg
‰"8YjY`cd`g]a d`Y`XUHU`a cXY`g`Zcf`i gY`]b`a Ubm; €`Udd`]WUH]cbg"	D9%"%ž`D9&"%ž`D9&"'
&"`I bXYfgHUbX`H\Y`WcbWYdhg`UbX`XYZ]b]h]cbg`cZgdUh]U``gmgHYagž WccfX]bUHY`gmgHYagžaUdd]b[`UbX`gdUh]U``]ggiYg`k]h\`aUdgžXUHU ghfiWhifYg`]bWiX]b[`jYWhcfžfUgHYf`UbX`gifZUWY`acXY``]b[D9%"&žD9%"*žD9&"'
'"`6Y`WUdUV`Y`hc`Vi]`X`[Yc!XUHUVUgYg`UbX`UbU`mgY`gdUh]U``XUHU	D9%"(žD9&"&žD9' "'
("`8Yg][b'U'KYV!VUgYX'; €	D9%") ž`D9&"(ž`D9' "'

5ZhYfigi WWYggZi ``miWead`Yhjb['h\]giWeifgYžimeiig\ei`XiVYiUViYihe.

HYUWX]b[GhfUhY[]Yg

 UbX'YI YW hjb['gca Y'VUg]WgdUhjU``ei YfmcdYfUhjcbg'UfY']a dcfhUbhci hWca Yg".

1		

GHJfhiXUhY. %\$Ua 'H\i fgXUmK YY_`m

8YHJ]`g.

H\]g`]g`cb!g]hY``UV`kcf_`cb`U`kYY_`mVUg]g"`8YhU]`YX`ghYd!Vm!ghYd`]bghfi Wf]cbg`k]``VY`dfcj]XYX"`Hihcf]U``cb YUWX``UV`YIYfW]gY`k]``VY`dfcj]XYX"

5XX]h]cbU``XYHJ]`g.

5ggYgga YbhcZcb!g]hY``UV`k cf_`f) 'dc]bhg`dYf`k YY_'Zcf`, 'k YY_gŁ'k]```VY`VUgYX`cb`h\Y`Zc``ck]b['Wf]hYf]U.

Gi Va]gg]cb`bchYg. `5b`Y`YWfcb]WWcdmcZ]bX]j]Xi U``fYdcfh`]b`A]WfcgcZriK cfX`Zcfa UhžUbX`U`n]d`Z]`Y`cZ XUHJža Udg`UbX`fYZYfYbWFXcW a YbhgžYhW`h\Uhmci `dfcXi WFX`cf`cVHJ]bYX`Xi f]b[`h\Y`Wci fgY`cZh\Y

Gi Va]gg]cb cZ5ggYgga YbhHUg_g

D`YUgY`fYZYf`hc`h\Y`A ccX`Y`dU[Y`cZh\Y`Wci fgY`Zcf`Z fh\Yf`[i]XUbWY`cb`UggYgga Ybhigi Va]gg]cb"

5WUXYa]W<cbYghmUbX D`U[]Uf]ga

6Yk UfY**5b*Ugg][ba Ybhih Uhi]bWi XYg*d*U[]Uf]gYX*a UhYf]U**k]``*fYWY]jY*U*\$i **U]`ž*UbX*ghi XYbhg*k \c d*U[]Uf]gY*a UmZU]`*h\Y*Wci fgY**Ghi XYbhg*k \c*d*U[]Uf]gY*UfY*U*gc**]UV*Y*hc*X]gW]d*]bUfm*UWf]cbž]bWi X]b[YI Wi g]cb*Zfca *Ybfc*a Ybh

D`U[]Uf]ga `]g`h\Y`i gY`cZUbch\Yf`dYfgcb'g`k cf_`cf`]XYUg`Ug`]Zh\Ymk YfY`mci f`ck b"`K \Yb`]h`]g`bYWfggUfmcf XYg]fUV`Y`hc`i gY`ch\Yf`dYcd`Y'g`a UhYf]U``mci `g\ci `X`UXYei UhY`mUV_bck `YX[Y`k \cgY`k cfXg`cf`]XYUg`h\Ym UfY`UbX`k \YfY`mci `Zci bX`h\Ya `f[]j]b[`h\Y`Wca d`YhY`fYZYfYbWf`XYhU]`gž`]bWi X]b[`dU[Y`bi a VYffgL''`H\Y @YUfb]b[`7YbhfY`dfcj]XYg`Z fh\Yf`]bZcfa Uh]cb`cb`k \UhWcbgh]hi hYg`D`U[]Uf]ga `Uh

<u>\hdg.##ghi XYbh'i bgk "YXi "Ui #d`U[]Uf]ga</u>

5WUXYa]W=bZcfaUh]cb

<u>? Ymil_BGK_'8UhYg</u>'! Y["'7 Ybgi g'8UhYžYI Ua_'XUhYgž`UghXUmhc'Xfcd'U'Wci fgY'k]h\ci hUWUXYa]W#]bUbW]U` `]UV]`]hmYhW'

:]bU``9I Ua]bUh]cbg.

:]bU``YI Ua g`]b`HYfa `%k]``VY`\Y`X`cb`]bY`VYfk YYb`' \$f\`5df]``!`% f\`A Um`]bWi g]j Y"`Mci `UfY`fYei]fYX`hc`VY Uj U]`UV`Y`cb`f\YgY`XUfYg"`D`YUgY`Xc`bchhc`a U_Y`UbmidYfgcbU``cf`hfUj Y``UffUb[Ya Ybhg`Xi f]b[`f\]g`dYf]cX"

Gi dd`Ya YbhUfm91 Ua]bUh]cbg.

Gidd`YaYbHJfm9IUa]bUh]cbg`Zcf`HYfa`%&\$&%k]``VY`\Y`X`cb`&(h\`!`&, h\`AUm]bWig]jY`g\ci`X`mci`VY fYei]fYX`hc`g]hcbY"`Nci`UfY`fYei]fYX`hc`VY`UjU]`UV`Y`cb`h\YgY`XUhYg"`D`YUgY`Xc`bchhc`aU_Y`UbmdYfgcbU` cf`hfUjY``UffUb[YaYbhg`Xif]b[`h\]g`dYf]cX"

57589A = 758J = 79

: cf`]bZcfa Uh]cb`UVci h

- BchYgʻcbʻUggYgga YbhgʻUbXʻd`U[]Uf]ga /
- GdYWJU``7cbg]XYfUHjcbg.`<u>gh XYbH'i bgk "YXi "Ui #gdYWJU`!Wcbg]XYfUHjcb</u>/
- ; YbYfU``UbX`Dfc[fUa !gdYW]]Wei Ygh]cbg. <u>H\Y`Bi WYi g. Ghi XYbh<i V</u>
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