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P d| # /#5338#

**IRZ D#EDVHEDOO#**

**J XGH| # HW#WZ R#Z IQV#IQ#IRZ D#VZ HHS#**

#

**IRZ D#F DW #u#Wkh#Xqlyhuv# i#Lr z d#dvhedoo#ndp #z hs wd#Vdxugd| #gr xedkhdghu#ij dlqv#Wkh#**  
**P lqqhvr w#| r oghq#J r skhuv#dwEdqnv#l hcg/#604#dqg#430<#Lr z d#xs v#l w#hfr ug#w#56056# yhud#**  
**dqg#470<#lq#Wkh#Elj #Wq#P lqqhvr w#l doo#w#57055#dqg#46043#lq#Wkh#r qihuhqfh#Lr z d#v#qr z #lq#**  
**vr d#s r vhwv#r q# i#hfr qg#s adf#h#q#Wkh#Elj #Wq#l #**

#

**Kdz nh| h#f r vhu#Wp #J xgh# #hduhg#Wkh#ylfw# #lq#er v#k#j dp hv#xs slqj #klv#hfr ug#w#<06# q#Wkh#**  
**| hdu#Wkh#lv# 03#lq#Elj #Wq#s ad| /#z klfk#v#w s v#lq#Wkh#r qihuhqfh#**

#

**Olnh#Wkh#luw#j dp h# i#Wkh#hulhv#j dp h# qh# q#Vdxugd| #z dv#df advlf#s lfwkhu#N#gxdo#z l#k#hdfk#**  
**vdw#u#z r unlqj #ghhs#lqw#Wkh#j dp h#Mii#P dlwdqg#Wkuh# #ilyh#vwr qj #lqlqj v#ir u#Lr z d#dqg#**  
**d#r z hg#m#w#ilyh#klw/#z klh#P lqqhvr w#l fr xq#us du#F r d#GhYulhv#d#r z hg#v| { #klw#r yhu#v| { #**  
**lqlqj v#lq#vnlqj #Wkh#r v#l #**

#

**Lq#Wkh#er wp # i#Wkh#li v#Mii#Hqj h#hdfkhg# q#d#s huihf w#gudj #exq#wgr z q#Wkh#luw#e dv#d#lq#dqg#**  
**z dv#hs adf#hg#e| #s lqfk#uxqqhu#OIM#P lp v#z kr #s ur p s w# #vw d#v#hfr qg #Dqg| #O| w#l#s#hg#d#**  
**vlqj d#w#f#hqu#Wkh#d#s ad#v#g#P lp v#dqg#j dyh#Lr z d#d#03#hdg#**

#

**Wkh# r skhuv#l hq#klqj v#xs #lq#Wkh#r s# i#Wkh#M{ v#z l#k#d# qh0 xw#UEI#lqj d# i#Wkh#e d#r i#Dqg| #**  
**Kxqvu#exw#Lr z d#f dp h#ulj k#w#dfn#w#h0vnh#Wkh#hdg#lq#Wkh#er wp # i#Wkh#lqqlqj #Vn| du#P rv#**  
**dg#r i#z l#k#d#exq#vlqj d#dqg#Qdv#A r kr#z dnhg#w#j lyh#Lr z d#d#s dl#r i#uxqqhu#D#l hghu#N#**  
**fkr lf#h#e| #Gxw#Qds r dr q#s xw#uxqqhu#d#Wkh#r uqhu#dqg#Dqg| #F r { N#kl#e| #s l#k#r dg#h#Wkh#**  
**edvh#r ur s lqfk#klw#u#Wudy#lv#Vz hhw#Wkh#uhv#p dq#f dp h#kur xj k/#fkr s slqj #dq#qil hq#vlqj d#w#**  
**Wklug#k#d#d#r z hg#P r v#w#v#fr uh#Qds r dr q#f dp h#dur xqg#w#v#fr uh#z khq#J r skhu#Wklug#e dv#p dq#**  
**Gdylg#Kuqflun#N#kur z #w#l#u#z hq#w#q#w#Wkh#g#xj r xw#j lylqj #Lr z d#Wkh#604#hdg#**

#

**J xgh{/#z kr #hqu#h#Wkh#j dp h#lq#Wkh#r s# i#Wkh#M{ v#/#kx#Wklqj v#gr z q#lq#Wkh#hyh#q#v#w#h#qg#Wkh#**  
**j dp h#dqg#hduq#klv#hlj k#k#z lq# i#Wkh#hdvr q##**

#

**J dp h#z r #z dv#d#z lq#r qh#z l#k#hdfk#Wdp #wdglqj #Wkh#hdg#h#hp lqj q #hyh# #lqqlqj #Lr z d#h#qghg#**  
**xs#r q#s#z khq#F r { #s#s#hg#d#z r Oxq#gr xed#lq#Wkh#er wp # i#Wkh#M{ v#w#j lyh#Wkh#Kdz nh| hv#d#**  
**430<#hdg#**

#

**Wkh# r skhuv#f dp h# xw#lulqj /#vnlqj #d#03#hdg#lq#Wkh#r s# i#Wkh#luw#z l#k#z r #UEI#lqj dv#dqg#d#**  
**vdfulf#h#d #Wkh#Kdz nh| hv#f#k#s#hg#dz dl #lq#Wkh#er wp # i#Wkh#hfr qg#j hwlqj #d#uxq#z khq#Oxlv#**  
**Dqgux#qlv#dqg#h#lqj d#w#f#hqu#Wkh#d#e#r xj k#v#r p h#Nulv#Z h#hu#**

#

**P lqqhvr w#j r Wkh#uxq#ulj k#w#dfn#lq#Wkh#r s# i#Wkh#Wklug#z khq#W#q| #Ohv#p dq#e#dv#g#d#r r #kr p h#**  
**uxq#r yhu#Wkh#h#i#v#l hq#h#h#q#f#Lr z d#dqg#h#d#z r Oxq#f#r xq#us xqfk#lq#Wkh#er wp # i#Wkh#lqqlqj #**  
**j hwlqj #lq#UEI#lqj d#ur p # r kr #dqg#d#z duqlqj Owdfn#v#df ulf#h#d #e| #F r { #w#f#x#Wkh#hdg#w#06#**

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#

Divu#kh# r skhu#vr n#d#906#hdg#lq#kh#ws# i#kh#r xu#/#Lr z d#f dp h#v#up lqj #e dfn#z l#k#kuh#  
uxqv# i#r xu#klw#dqg#d#f r w# #P lqqhvr w#hur u#w#h#klqj v#ks #P lqqhvr w#hvs r qghg#lq#kh#li#k#  
z l#k#khlu#hfr qg#r α #kr p h#xq# i#kh#j dp h#

#

Lr z d#vr n#kh#hdg#lq#kh#er w#p # i#kh#li#k/#j hwlqj #d#s dlu#r i#uxqv#z l#k#r x#d#klw#Lr z d#xvhg#d#  
vdfu#l#f#h#q #i#ur p #Qds r chr q#dqg#dqr v#ku#f r w# #J r skhu#hur u#w#v#h#kh#; 0. #dgydq#l#j h#R#q#f#h#  
dj dlq#kh# r skhu#f dp h#e dfn#z l#k#d#s dlu#r i#uxqv#w#h#j dlq#d#<0; #hdg#z l#k#d#gr x#e#d# i#kh#ws# i#  
v#h#z do#l#q#f#h#q#v#u#l#h#g#d#g#l#q#U#E#L#j ur xqgr xw#

#

W#h#K#dz nh| hv#z lo#j r #r u#kh#hul#v#z l#q#d#j dlqv#kh# r skhu#v#xqgd| #d#w#s #p #

#

#

**J DP H#XP P DUIHV#**

***J dp h#R#q#l#***

P lqqhvr w# 333#B34#B#00#A### ##A#

IRZ D# 333#B45#H#00#6##D##B#

Z S#u#V#p # x#g#h#; 06,#

OS#u#F r d#G#h#Y#u#h#507,#

#

***J dp h#W#z#r#***

P lqqhvr w# 634#545#B#00#<##A5##6#

IRZ D# 345#655#H#00#3##A4##B#

Z S#u#V#p # x#g#h#<06,#

OS#u#M#k#q# d#x#e#504,#

#

