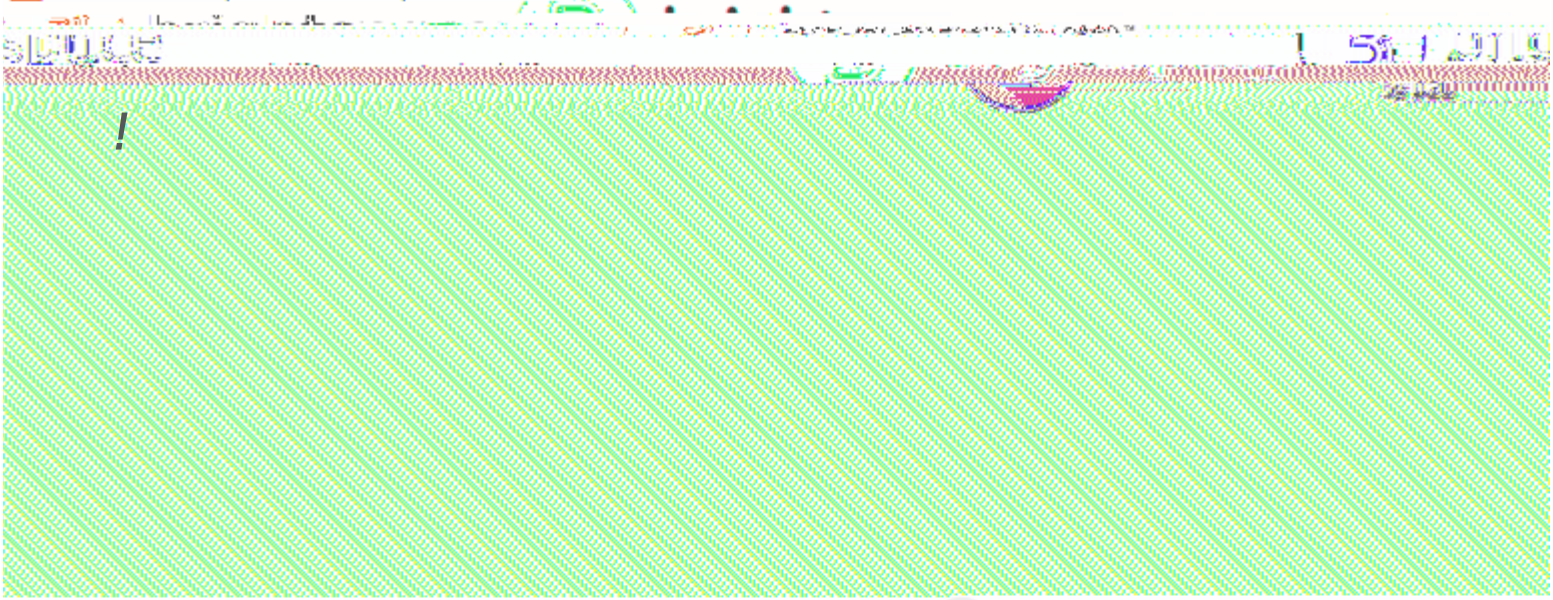

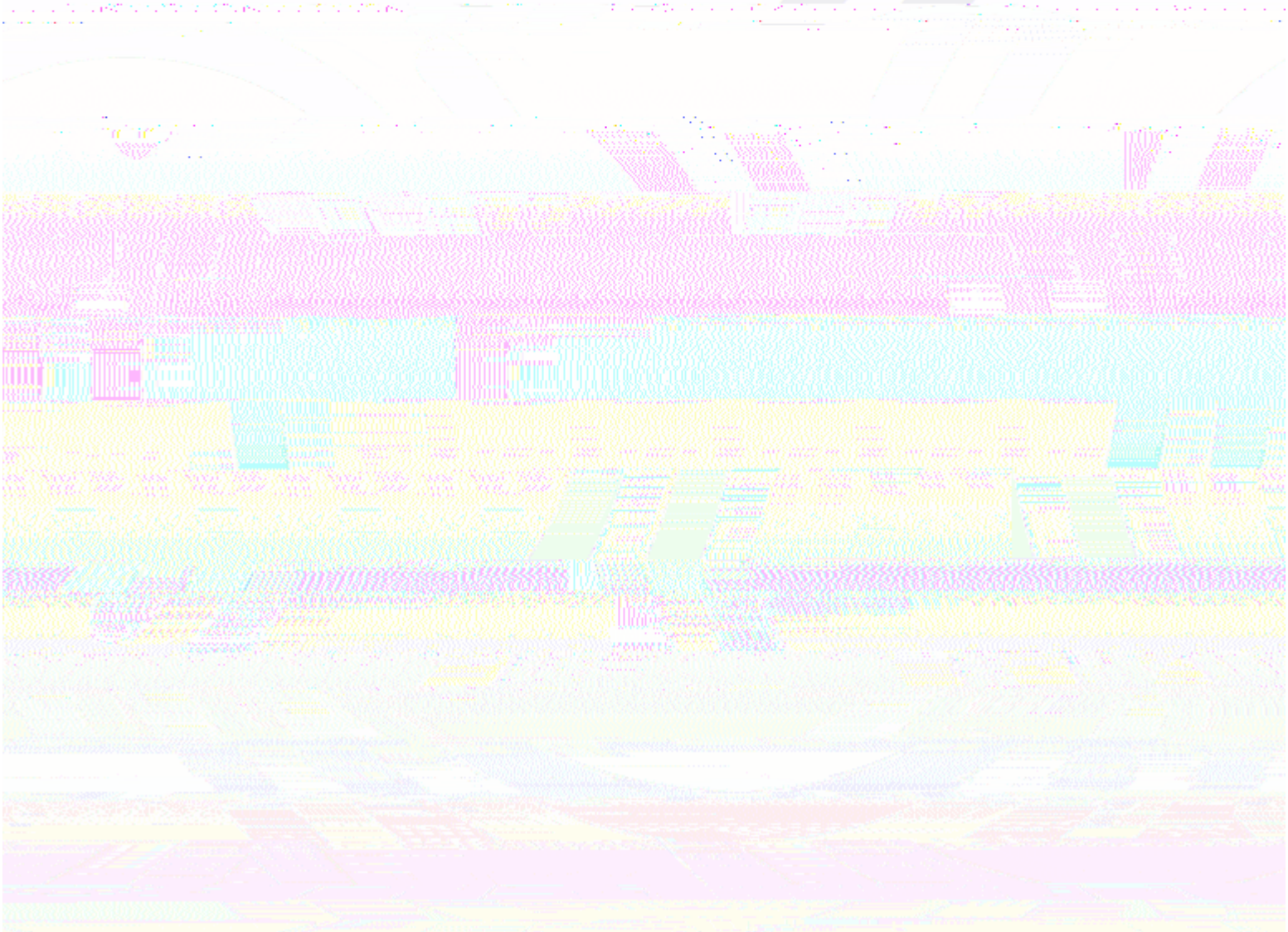

81.&+.&',

?8$@@,(!4444444444

8(,#!)#0%#,((µ4444444444

91*: 2+.&,8%) .$+, ;#'&1"<,

#DEFGFHI!7JKD	(LMMJNO!HP!+QJIRDG

-
-
-

='''#$.2+.&',

='''#$.2+.&',>)'#*',

?%)&,#',='''#$.2+.&'@,

?%)&,A#B+,&<(+',)"+,':((1"&+C,#.,='''#$.2+.&'@,

, SKD I GFH I	CFTD!'OUD	. HKDG

=CC,*)&+$1"#+',&1,2).)$+,)''#$.2+.&,':>2#''#1.,A1ßC+"',

!

*GGFRIMDIKG

*GGFRIMDIK!(LVMFGGFHI!CHTWDNG . DX!(LVMFGGFHI!CHTWDN

CHTWDN!)NHUDNKFDG . DX!+JKDRHNO

!

(JED

8"+)&+,).,)''#$.2+.&,':>2#''#1.,A1ßC+",

*GGFRIMDIKG

*GGFRIMDIK!(LVMFGGFHI!CHTWDNG . DX!(LVMFGGFHI!CHTWDN

. JMD

CHTWDN!'OUD %NHLU!GLVMFGGFHI!PHTWDN!

%NHLU!+JKDRHNO

- +JKDRHNO! . DX!+JKDRHNO
- %NJWD!$KDMY

. DX!%NJWD!$KDM

- OLK!OP!

OLK!OP! 1JS4!)HFIKG!

- (KLWDIK!/FDX!)NDEFDX!

,WFK!7FGUTJO!(DKKFIRG

- *WW!#LVNFZ +NDJKD!#LVNFZ!FI!. DX!;FIWHX
- $IGKNLZKFHIG
- *TTHX!LGDNG!KH!JWW!KQFG!PHTWDN!KH!

KQDFN!D)HNKPHTFH

- *KKJZQDW!CFTDG
- (QHX!(LVMFGGFHI!OUKFHIG!

(JED

D+&,"+B+)'+,*1.C#&#1.',A1",).,)''#$.2+.&,':>2#''#1.,A1BC+",

*GGFRIMDIKG

*GGFRIMDIK!(LVMFGGFHI!CHTWDNG!

,WFK!(LVMFGGFHI!CHTWDN

#DGKNFZKFHIG! #DTDJGD!+HIWFKFHIG

- *KKJZQ!,SFGKFIR *KKJZQ
- +NDJKD!JIW!*KKJZQ +HIWFKFHI!'OUD! +HIWFKFHI!7DKJFTG! +NDJKD

*TT!ZHIWFKFHIG!MLGK!

VD!MDK *IO!ZHIWFKFHI!MLGK!VD!MDK

(JED!JIW!+THGD

=CC,'(+*#)B,)**+'',&1,).,)''#$.2+.&,':>2#''#1.,A1BC+",

(JED!J I W!+THGD

E+1"C+"F,+C#&F,) . C,C+B+&+,) ' '#$. 2 + . &,' : > 2 #' '#1 . ,*) &+$1"#+',) . C,A1BC+"',

! !

*GGFR I MD I KG

*GGFR I MD I K! (LVMFGGFH I !CHTWDNG

- 1 HND! * ZKFH I G #DHNWDN (HNK! ONWDN (JED
- , WFK! (JED
- , WFK! (LVMFGGFH I !CHTWDN (JED!J I W!+THGD
- 7DTDKD! 7DTDKD
- 7DTDKD!CHTWDN 7DTDKD

E+'&1"+,C+B+&+C,) ' '#$. 2 + . &,' : > 2 #' '#1 . ,A1BC+"',

*GGFR I MD I KG

*GGFR I MD I K! (LVMFGGFH I !CHTWDNG! 1 HND! * ZKFH I G! , ED I K! -HR #DGKHND!

D+&,) 0) #B) > #B#&<,) . C,C : +,C) &+',A1",) . ,) ' '#$. 2 + . &,' : > 2 #' '#1 . ,A1BC+",

*GGFR I MD I KG

*GGFR I MD I K! (LVMFGGFH I !CHTWDNG!

, WFK! (LVMFGGFH I !CHTWDN

#DGKNFZKFH I G!

=CC,A++C>)*J,).C,+0)B:)&#1.',&1,)''#$.2+.&,':>2#''#1.',

=''#$.2+.&',).C,K:".#&#.,

=>1:&,K:".#&#.,

'LNIFKFI!$IKDRNJKFHI *B* *a*↗ *A* *F*

a *b* *a*↗ ↗

/.)>B+,K:".#&#.,A1",).,)''#$.2+.&,':>2#''#1.,A1BC+",

- W:T4>NW)JNKO4'LNIFKFI4-'$!
-

*GGFRIMDIKG

.DX!CHTWDN

- ***a a و***
  E ab T a a b

- (LVMFK!CFTDG

-
-

K"1:>B+'%11&#.$0,P,'++,).,)''#$.2+.&,':>2#''#1.,'%1H#.$,).,#*1.,&%)&,')<'F,Q=.,1"#$#.)B#&<,"+(1"&,*1:BC,.1&,>+,$+.+")&+C,A1",&%#',A#B+Q5,

=H)"C',

=>1:&,=H)"C',

- . DEDN
- CFSDW!WJKD

G#+H,)H)"C',A1",),*B)''B#'&,

*XJNWG

+TJGGTFGK!*XJNWG4

*TT "JWRDG +DNKFPFZJKDG

+TJGGTFGK +HLNGD!*XJNWG

=>1:&,()"+.&L*%#BC,"+B)&#1.'%#(',>+&H++.,*12(+&+.*<,'&":*&:"+,+B+2+.&',

,TDMDIK	)JNDIKG	+QFTWNDI
△		• •
△	• •	• •
△		

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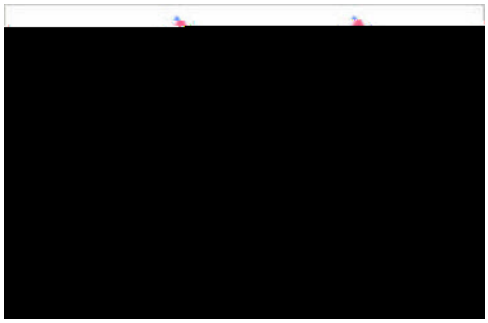
=>1:&,10+"B)((#.$,*12(+&+.*<,'&":*&:"+',



DH#&*%,<1:",0#+H,#.,*12(+&+.*#+',

[redacted]! +HMUDKDIZFDG

+HMUDKDIZO!&HMD

#DGLTKG! *GGDGG!

(JED

/.)>ß+,ß+)".#.$,1>U+*&#0+,*12(ß+&#1.,:'#.$,W:#X,1",$")C+,#&+2,)*&#0#&#+',H#&%,):&12)&#*,)''+''2+.&,

+HMUDKDIZFDG

+HMUDKDIZO!&HMD!

(KNLZKLND

,WFK!(KNLZKLND $IZHNUHNJKD!*ZKFEFKFDG

*GGDGG!OVaDZKFED

*GGDGGMDIK!'OUD

8"+)&#.$,).C,+C#&#.$,*12(+&+.*#+'F,B+)".#.$,1>U+*&#0+'F,).C,)*&#0#&#+',

S.C+"'&).C#.$,*12(+&+.*<,'&)&:','+&&#.$',

'QD!ZHMUDKDIZO 7NJPK! $I!#DEFDX! *UUNHEDW *NZQFEDW!

+HMUDKDIZO!&HMD . DX! +HMUDKDIZO

. DX!+HMUDKDIZO

,EJTLJKFHII!(DKKFIRG!

9+ß+&+,),*12(+&+.*<,

S.C+"'&).C#.$,*12(+&+.*<,'&":*&:"+',).C,)''1*#)&#1.',

='1*#)&+,),*12(+&+.*<,'&":*&:"+,+B+2+.&,H#&%,).1&%+",+M#'&#.$,+B+2+.&,

+HMUDKD I ZFDG

+HMUDKD I ZO!&HMD

(KNLZKLND

, WFK! (KNLZKLND

- *WW!) JND I K
- *WW!+QFTW

E+210+,)''1*#)&#1.',>+&H++.,),B+)".#.$,1>U+*&#0+,).C,).,)*&#0#&<,A"12,).1&%+",&11B,)"+),

- *GGFR I MD I K!GLVMFGGFH I !PHTWDNG
  , WFK!CHTWDN
- 1 J I JRD!?LFddDG!

- ! ' QFG!HNR!L I FK!
- * TT!WDGZD I WJ I KG!
- * TT!WDGZD I WJ I KG!HP!KOUD!

$ I GDNK

* ZQFDEDMD I K +NFKDNFJ! !

(JED

```
=>1:&,*12(+&+.*<,0+"'#1.',
```

#DJWO!PHN! / DNGFH I F I R!

#DJWO!PHN! / DNGFH I F I R

W : T4 ' HHTG4+HMUDKD I ZFDG4 (DKKF I RG4 (QHX / DNGFH I . LMVDN

```
G#+H,*12(+&+.*<,'&":*&:"+,"+':B&',
```

* ZQFDEDW!

, SUJ I W! * ZKFEFKO!

+HMUDKD I ZFDG

+HMUDKD I ZO!&HMD!

(KNLZKLND

(KNLZKLND! (LMMJNO! / FDX!#DGLTKG

(DJNZQ!CHN

N0+""#C+,),:'+"T","+':8&,

Y")C#.$,'*%+2+',

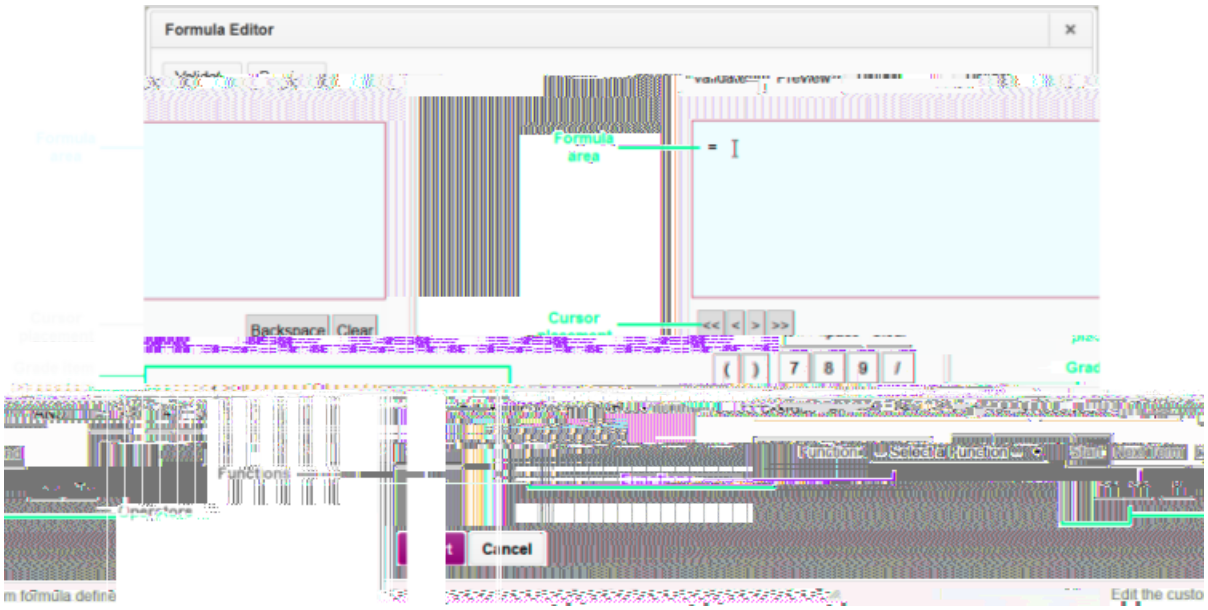
%NJWD!GZQDMD	,SJMUTD

%NJWF I R! 1 JSFMLM!) HF I KG!

- , WFK!8GF I R!KQD!CHNMLTJ! , WFKHN CHNMLTJ! , WFKHN! $ I GDNK
- +J I ! , SZDDW
- %NJWD! (ZQDMD
- * WW!#LVNFZ

7FGUTJO!OUKFH I G

=>1:&,A1"2:8),$")C+,#&+2',



+HMUHIDIK	7DGZNFUKFHI

%NJWD!

$KDM !

%NJWD!$KDM! / JTLD!

-) HF I KG!#DZDFEDW
- 1 JS!) HF I KG

-) DNZD I K! !

I1"2:8),/C#&1",0)8#C)&#1.,+""1"',

,NNHN	7DGZNFUKFHI	,SJMUTDG

%NJWFIR! ! !

- "HILG!
- %NJWD!(ZQDMD
- *WW!#LVNFZ

7FGUTJO!OUKFHIG

-
-

%NJWD!*TT

%NJWD!*TT

(JED!JIW!+THGD

E+B+)'+,A#.)B,$")C+',

-
-

R) . :) BB<,"+*) B*: B) &+,&%+,A#.) B,$") C+,

*LKHMJKFZJTTO![DDU!PFIJT!RNJWDG!LUWJKDW!

%NJWDG

- CFIJT!%NJWD #DZJTZLTJKD!KQD!CFIJT! +JTZLTJKDW!%NJWD
- CFIJT!+JTZLTJKDW!%NJWD %NJWD!*TT CFIJT!%NJWDG CFIJT!%NJWDG! #DZJTZLTJKD!*TT

/ .&+",) .,) CU: '&+C,A#.) B,$") C+,

%NJWDG

1JIJRD!%NJWDG! CFIJT!*WaLGKDW!%NJWD ,IKDN!%NJWDG

CFIJT!*WaLGKDW!%NJWD !

#DTDJGD!CFIJT!*WaLGKDW!%NJWD

(JED

8) B*: B) &+,A#.) B,$") C+',A1",),'#. $B+,: '+",

%NJWDG

,IKDN!%NJWDG

CFIJT!+JTZLTJKD!%NJWD #DZJTZLTJKD!KQD!CFIJT! +JTZLTJKDW!%NJWD +JTZLTJKD

D*+.)"#10,I#.)B,*)B*:B)&+C,$")C+,:'#.$,V1#.&','<'&+2,

)NHaDZK!2)NHaDZK!:)NHaDZK!>

%NJWD!FKDM	+JTZLTJKFH I

-

P2(1"&,W:+'&#1.',#.&1,\:+'&#1.,-#>")"<,A"12,),8DG,A#B+,

+(/!(JMUTD!CFTD

$MUHNK

!$MUHNK!(HLNZD CNHM!J!7:-!'DSK!CHNMJK!CFTD

"NHXGD!

OUDI! (JED

P2(1"&,W:+'&#1.',#.&1,\:+'&#1.,-#>")"<,A"12,),B+)".#.$,1>U+*&,"+(1'#&1"<,

$MUHNK

$MUHNK!(HLNZD -DJNIFIR!#DUHGFKHNO!f-O#g

*WW!-DJNIFIR!OVaDZK

(DTDZK

(JED

8"+)&#.$,\:+'&#1.,-#>")"<,W:+'&#1.',

K<(+',1A,W:+'&#1.',

-

-

8"+)&+,&":+,1",A)B'+,W:+'&#1.',

%D I DNJT!

OUKFH I G!

8"+)&+,'%1"&,).'H+",W:+'&#1.',

8"+)&+,2)&*%#.$,W:+'&#1.',

. DX! 1 JKZQF I R!?LDGKFH I !f1 * 'g

%D I DNJT!

+QHFZDG!

-
- / JTLD!
- * WW!+QHFZD

1 JKZQDG!

- / JTLD!
- * WW! 1 JKZQ
- +HNNDZK!+QHFZD

)NDEFDX

8"+)&+,1"C+"#.$,W:+'&#1.',

. DX! ONWDNF I R!?LDGKFH I !fO#7g

%D I DNJT!

OUKFH I G!

-
- / JTLD! * WW!$KDM
- +HNNDZK!ONWDN

)NDEFDX

S.C+"'&).C#.$,$")C#.$,1(&#1.',A1",2)&*%#.$,).C,1"C+"#.$,W:+'&#1.',

- ,cLJTTO!XDFRQKDW!!
- *TT!HN!I HKQF I R

- #FRQK!MF I LG!XNH I R

8"+)&+,)"#&%2+&#*,W:+'&#1.',

- 1FI! 1JS!

(KDU

)NDEFDX

S.C+"'&).C#.$,)"#&%2+&#*,).C,'#$.#A#*).&,A#$:"+',W:+'&#1.,*12(1.+.&',

S.C+"'&).C#.$,!"#$%&'()*+,-+)".#.$,/.0#"1.2+.&,"1:.C#.$,":3+',

, EJTLJKFH I !OUKFH I G

- +JGD!$ I GD I GFKFED
- +JGD!(D I GFKFED
- #DRLTJN! , SUNDGGFH I

8"+)&+,&+M&,#.A1"2)&#1.,

+QJNJZKDN	7DGZNFUKFH I	, SJMUTD

+QJNJZKDN	7DGZNFUKFH I	, SJMUTD

+QJNJZKDN 7DGZNFUKFH I , SJMUTD

- ,WFK!?LDGKFHI!)NDEFDX

7HID

```
E+1"C+",W:+'&#1.',1","+*&#1.',#.,\:+'&#1.,-#>")"<,
```

ONWDN

ONWDN!

1HED!8U! 1HED!7HXI

```
V:>8#'%,W:+'&#1.',).C,'+*&#1.',&1,),8+)".#.$,"+(1'#&1"<,
```

)LVTFGQ!KH!-O#

-)FZ[!J!#DUHGFKHNO
- !OEDNXNFKD!JI!DSFGKFIR!HVaDZK

(DJNZQ (DTDZK

(QJNFIR!JIW!)LVTFGQFIR!OUKFHIG

\ :#XX+',

\ :#XX+',>)'#*',

/M(1"&,&%+,+0+.&,B1$,1A,)BB,W:#X,)&&+2(&',

%NJWD!?LFd , SUHNK! , ED I K!-HRG

(JED

E+'+&,W:#X,)&&+2(&',A1",B+)".+"',

?LFddDG

1 J I JRD!?LFddDG!

%NJWD

#DGDK!

V"+0+.&,*%+)&#.$,#.,W:#XX+',

- ,WFK!?LFd! OUKFH I JT!*WEJ I ZDW!)NHUDNKFDG! 7FGJVTD!NFRQK!ZTFZ[
- ,WFK!?LFd OUKFH I JT!*WEJ I ZDW!)NHUDNKFDG! 7FGJVTD!$ I GKJ I K! 1 DGGJRDG!J I W!JTDNKG
-

G#+H,&%+,+0+.&,B1$,1A,),'#.$B+,W:#X,)&&+2(&,

=CC,'(+*#)B,)**+'',&1,),W:#X,&%)&,"+W:#"+',E+'(1.C:',-1*J91H.,!"1H'+",

1JIJRD!?LFddDG , WFK

#DGKNFZKFHIG! (DZLNFKO!OUKFHIG !#DGUHIWLG!-HZ[7HXI!"NHXGDN

- #DcLFNDW!KH!KJ[D!KQFG!cLFd
- #DcLFNDW!KH!EFDX!cLFd!PDDWVJZ[!JIW!NDGLTKG

*WW!8GDNG!KH!(UDZFJT!*ZZDGG

*WW!(UDZFJT!*ZZDGG!KH!?LFd! -HZ[7HXI!"NHXGDNY . HK!NDcLFNDW!KH!KJ[D!KQFG!cLFd

(JED

#DGKNFZKFH I G

- *TTHX!GDTDZKDW!LGDNG!GUDZFJT!JZZDGG!KH!J!cLFd

8"+)&+,),W:#X,"+(1"&,

?LFddDG

1 J I JRD!?LFddDG , WFK

#DUHNKG!(DKLU *WW!#DUHNK

#DUHNK!. JMD

#DUHNK!'OUD

(JED

```
=>1:&,W:#X,"+(1"&',
```

Y#O+,+)*%,ß+)".+",),").C12,'+&,1A,W:#X,W:+'&#1.',

?LFddDG

1JIJRD!?LFddDG

*WWk,WFK!?LDGKFHIG

.DX! #JIWHM!(DZKFHI

%DIDNJT!

7FGUTJO!OUKFHIG

\ :#XX+',) .C,\ :+'&#1 .,-#>")"<,

81.'#C+")&#1.',)"1:.C,W:#XX+',H#&%,)''1*#)&#1.',&1,\:+'&#1.,-#>")"<,

81(<,),W:#X,H#&%,\:+'&#1.,-#>")"<,)''1*#)&#1.',&1,).1&%+",1"$,:.#&,

+HLNGD!*WMFI $MUHNKk,SUHNKk+HUO!

+HMUHIDIKG

+HUO!+HMUHIDIKG!PNHM!JIHKQDN!ONR!8IFK

(DJNZQ!PHN!HPPDNFIR

*WW!(DTDZKDW! (DTDZK!+HMUHIDIKG

?LDGKFHI!-FVNJNO! ?LFddDG

- +HUO!JTT!FKDMG +HIKFILD
- (DTDZK!FIWFEFWLJT!FKDMG!KH!ZHUO +HIKFILD (DTDZK!$KDMG! KH!+HUO +HIKFILD

+HIKFILD

CFIFGQ

E:>"#*',

E:>"#*',>)'#*',

?%+"+,*).,<1:,:'+,)":>"#*@,

-
-
-
-
-
-
-

K<(+',1A,":>"#*',

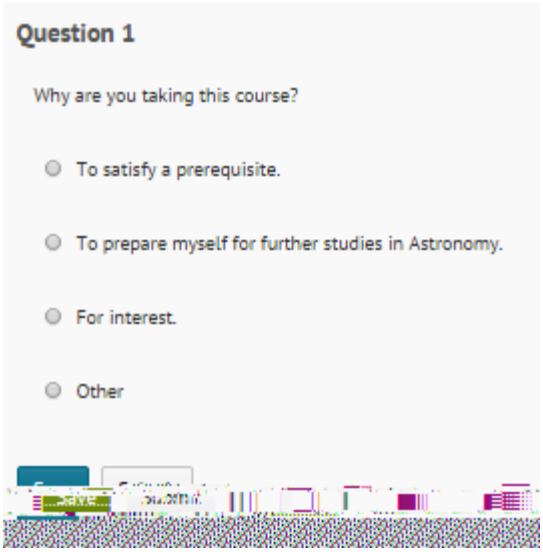
- &HTFGKFZ!#LVNFZG

- * I JTOKFZ!#LVNFZG !

-

- .DX!
  (JED
- $MUHNK
  (JED

-
-



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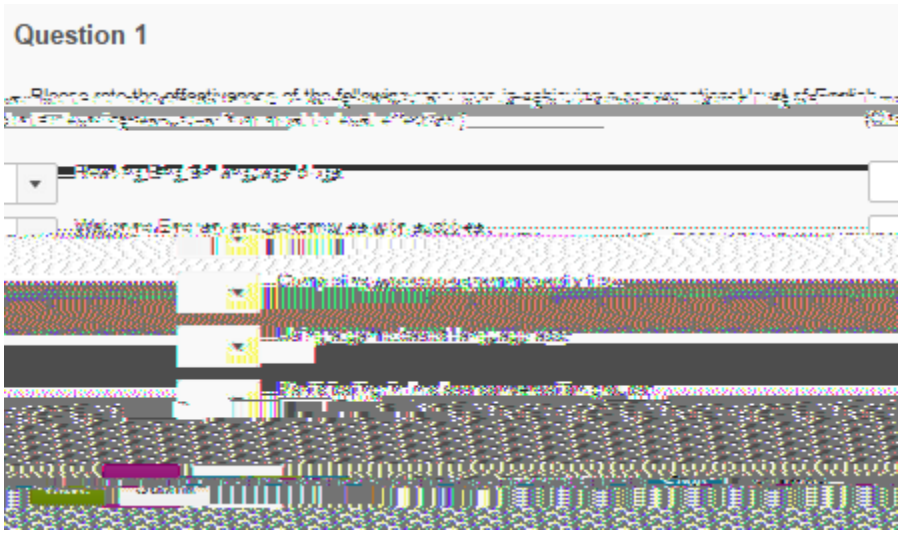
-
-
-


Question 1

D+&,),C)&+,") .$+,A1",),' :"0+<,

(LNEDOG

1 J I JRD!(LNEDOG

#DGKNFZKFH I G

7JKDG!J I W!#DGKNFZKFH I G &JG!(KJNK!7JKD &JG!, I W!7JKD

*ZKFED (KJKLG 7FGUTJO!F I !

+JTD I WJN

(JED!J I W!+THGD

=.1.<21:',()"&#*#()&#1.,#.,),' :"0+<,

/.' :"+,).1.<21:',' :"0+<,()"&#*#()&#1.,

(LNEDOG

1 J I JRD!(LNEDOG

%D I DNJT MJ[D!NDGLTKG!J I H I OMHLG

D+&&#.$,' :"0+<,"+'&"#*&#1.',

#DGKNFZKFH I G

(LNEDOG

#DGKNFZKFH I G

8GDN!#DGUH I GDG *KKDMUKG!*TTHXDW

- 8 I TFMFKDW
- (F I RTD!JKKDMUK!KQJK!FG!DWFKJVTD
- -FMFKDW

8"+)&+,' (+*#)B,)**+' ',&1,),' :"0+<,

(LNEDOG

(LNEDOG

#DGKNFZKFH I G

- *TTHX!GDTDZKDW!LGDNG!GUDZFJT!JZZDGG!KH!KQFG!GLNEDO
- *TTHX!H I TO!LGDNG!XFKQ!GUDZFJT!JZZDGG!KH!GDD!KQFG!GLNEDO

*WW!8GDNG!KH!(UDZFJT!*ZZDGG

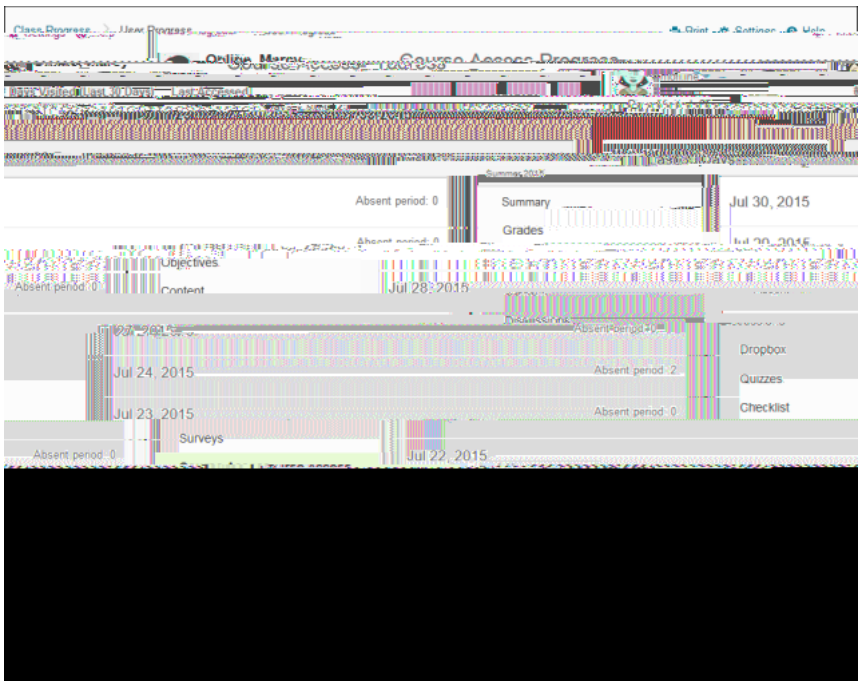
*WW!(UDZFJT!*ZZDGG

K")*J,' :"0+<,("1$"+' ',).C,"+' :B&',

D+&, : (, ' :"0+<,"+(1"&',

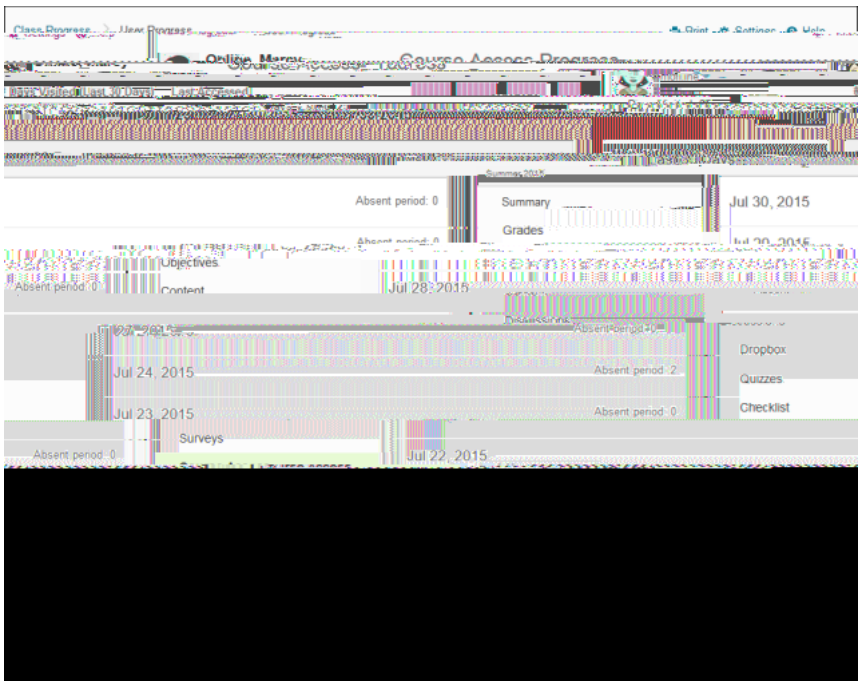
] 1&#A<, ( )"&#*#( ) . &',1A,) . ,)0)#B)>B+,' :"0+<,

- , WFK! (L NEDO $ I EFKD!) J NKFZFUJ I KG


Summary
Grades
Jul 30, 2015
Absent period: 0
Objectives
Content
Jul 28, 2015
Jul 24, 2015
Absent period: 2
Jul 23, 2015
Absent period: 0
Surveys
Absent period: 0
Jul 22, 2015
Dropbox
Quizzes
Checklist

S'+",V"1$"+' ',10+"0#+H,

-



8%).$+,S'+",V"1$"+'','+&&#.$',

OI!'NJZ[(HMD!

+HIZDNIG *K!#FG[

8GDN!)NHRNDGG

(DKKFIRG

+TJGG!)NHRNDGG! (DKKF I RG

#DUTJZD

(DTDZK!)NHRNDGG!$ I WFZJKHN

1 HED!8U! 1 HED!7HX I

=>1:&,9^-,