



21ILFH ~~RG~~\$PLF \$FF5HVRE~~U~~HW\
*XLGHOLQHV 3URFHGXUHV

\$Q\ VWXGHQW%HQ~~ED~~VD~~GR~~EZ~~PM~~Q~~S~~DI~~GV~~XHEQW DQWLDOO\ OLPLWLQJ
LP~~SDF~~W~~KL~~QJHGXF~~DW~~L~~RQ~~DO HQYLURQPHQ~~W~~FLXP~~HI~~Q~~W~~DL~~ED~~OR~~QI~~R~~X~~SG~~SR~~LD~~VE~~
PXVW EH REWDLQHG DW WKH7~~V~~XL~~GH~~Q~~R~~V RZQ FRVW DQG HIIRUW

QW~~D~~QG WKH FRQVXOWDWL~~RQ~~ZI
\$FFHV~~V~~LELOLW~~H~~D~~PH~~VR~~DU~~FD~~GH~~PLF IDFXOW\ DV QHHGHG

3OHDVH QRWH WKH SURFHVV RI EHLQJ ~~D~~SS~~W~~R~~Y~~H~~I~~G~~V~~IR,~~G~~H~~D~~F~~O~~R~~P~~P~~W~~~~R~~~~E~~
EHIRUH FODE~~X~~LV~~D~~ER~~BE~~EU DW DQ\ WLPH GXULQJ ~~D~~V~~FK~~R~~PA~~R~~PG~~D~~W~~L~~H~~U~~C~~
UHWURDFWLYH 6XEPLWWLQJ \RXU GRFXPHQWD~~W~~D~~R~~Q~~R~~P~~Q~~RG~~D~~W~~L~~R~~Q~~

EH UHYLHZHG DQG DSSURYDOV WR EH FRPSOHWHG
\$FFRPPRGDWL~~RQ~~V DUHED~~S~~VR~~Y~~E~~H~~S~~H~~Q~~C~~LD~~E~~DR~~Q~~H WKH GLVDELOLW\ D

UHTXHVWHG VSHFLILF GRFXPHQWDWLRQV LQWHUHQGHG WKH
GRFXPHQWDWLRQ

'RFXPHQWDWLRQ)RUPDW

6+\$5(7+(,1)250\$7,21 %(/2: :,7+ <285 '2&80(17\$7,21 3529,'(5

{ \$OO GRFXPHQWD~~W~~L~~R~~Q~~2~~F~~X~~W~~D~~Q~~6~~F~~U~~Q~~W~~W~~W~~W HUKHDG DQG VLJQHG E\
PHQWDO KHDO~~Z~~L~~K~~S~~U~~R~~K~~H~~L~~V~~L~~B~~Q~~D~~Q~~VH QXPEHU

{ 'LDJQRVHV ZULWWHQ RQ ~~D~~L~~S~~H~~H~~W~~F~~W~~L~~S~~W~~D~~K~~R~~H~~D~~S~~V~~D~~G~~R~~U KDOI

{ 3DVV~~S~~R~~Q~~H~~V~~H~~F~~W~~H~~G GRFXPHQWV DUH QRW DFFHSWHG DQG ZLOO Q

{)XOO GLVFORVX~~W~~D~~Q~~G~~V~~U~~H~~G~~D~~R~~X~~U~~H~~G~~I~~G~~G~~F~~X~~P~~H~~Q~~W~~D~~V~~F~~H~~S~~Q~~H~~I~~G~~D~~O~~X~~D~~W~~L~~R~~Q

6SHFLD \$OO~~V~~R~~K~~JK ,(3V 3ODQV DQG 6RFLDO 6HFXULW\ 'LVDELOLW\
DUH QRW XVXDOO\ FRQV~~H~~G~~M~~D~~H~~E~~G~~LV~~X~~I~~H~~OL~~L~~Q~~V~~L~~D~~UL~~H~~V~~Q~~RRW X~~V~~H~~U~~G~~L~~L~~Q~~W
HQYLURQPHQW

7ISHV RI 'RFXPHQWDWLRQ

‡ 'RFXPHQWDWLRQ PXVW~~S~~ER~~H~~S~~U~~R~~V~~LO~~W~~I~~G~~W~~R~~VDELOLW\~~ñ~~WR

VWXGHQ~~W~~LELOLW\ LV FXUUHQWO\ DIIHFWLQJ

‡ 6RPH H[D~~P~~S~~O~~F~~H~~S~~W~~I~~D~~E~~O~~H GRFXPHQWDWLRQ

R 3V\FKRORJLFDO DQG SV\FKRHGXF~~DW~~L~~RQ~~DO HYDOXDWLRQV
R 1HXURORJLFDO HYDOXDWLRQV
R 6SHHFK /DQJXD~~J~~H HYDOXDWLRQV

FRXUVH SURJUDP RI VWXG\ UHTXLUPH



‡ :K\ GR3H%\$ Q HHG GRFXPHQWDWLRQ\$\$RQMHKGHVGLXIDIEELIOLW" LQIRUP
HOLJURIDSSISWRBQGDWHDVFRDPRIGDWLRQV IRU HDFK VWXGHQW
DJHQFLHV UHTXLUH WKDW GRFXPHQWDWLRQ LV RQ ILOH

.I \RX KDMWLRQKHGRQJWH WBLVH\$ 5LQ WRXFK
/RZHBYHO /DVVLWHU 5RWXQIGF H:DUUHQ /LEUDU\
DFFHVLELOLW\#SED HGX