



&2856( 287/,1( ,QWURGXFWRQ WR 3K\VLFDQ \*HRJUDS

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7KLV FRXUVH LQWURGXFHV WKH VFLGHQDURK 3K\VLFDQ DBBUBDSK\ &R FOLPDWHV DQG FOLPDWH FKDQJH KRGSRBBBVDQGGZQVWUWHORRQVDFH IRFXV RQ KRZ JHRJUDSKLF VFLHQFHVGDWVDBBOLHG WR DGGUHVV UH

7KLV RXWOLQH OLVWV LQIRUPDWDEQ %RU%ERWSRWWHROVFWQURHUSHU V VHFWRQ \RX PXVW FXUUHQWO\ EH HQUROOHG LQ WKH pOLQ WKH °E

JNUHJRVNL#XYLF FD DQG D QXPEHJR RIFDQ FIKQ Q JD\$VOV DQV DQWV JQ \$V RQ %ULJKWVSDFH \$OO FRQWDFWHQZR USFDJWVRQ ODE GHWDLOV LV JL

&ODVV 0HHWLQJV 0RQGD\V RU 7KXGQD\ GDWHWR V SDJHRQ V &ODVVURRP JRRP

/DE ,QIRUPDWLRQ	%	0RQGD\	±	SP
%	0RQGD\		±	SP
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%	7XHVGD\		±	SP
%	:HGQHVGD\		±	SP
%	:HGQHVGD\		±	SP
%	7KXUVGD\		±	SP
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%	)ULGD\		±	SP

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'U (YD .ZROO 'HSDUWPHQW RINZIRJUDSKL F 7% % 2ILFH  
+RXUV 9LDRQGF\ V WR SP

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,QVWUXFWLRQV RQ KRZ WR DWWHQHG]RRP OHFWXUHV FDQ EH IRXQG RQ SD

8QGHUVWDQG 3K\VLPHDOW\*HRVUQSKDQSBBDWK V\WVHP DS  
%XLOG D VWURQJ NQRZOHGJH IRXQGQDWLRQ ZQLFK\VRKDFDQHBRHOD  
OHYHO DQG DGYDQFHG WRSLFV LQ \*HRJUDSK\ RU RWKHU GLVFLS  
%HWWHU XQGHUVWDQG WKH LQWHUDQCFWKXROQEHWVWHMQWJHHRVJZBE  
JHRJUDSKLF VFLHQFHV DUH DSSOLHG WR DGGUHVU UHDO ZRUOG  
\$FTXLUH D VWURQJ DFDGHPLF VNLQWV IRXQGQDWLRQVRSUHFHVLFDX  
DQG LQWHUSUHW GDWD DQGGRRSBEMHQHFWLWMLQHIHFUWGYHGHUHQW  
DQG ZRUNLQJ FROODERUDWLYHO\ LQ WHDPV

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3HDUVRQ H7H[W ,QVWDQW \$FFHVLVQ WRU3KHRVFDVHPRJSDSQWUWGX  
&KULVWRSKHUVRQ 0 / %\UQH 3 \*LOHV  
,6%1

7KH PDMRULW\ RI \RXU UHDGLQJV ZRBN BRPHRRIURRGWIKLHGLHTXRQVGR  
KRZHYHU DVVLJQHGUHDGLQJV SDKHVHGDQGLFRKDSVQOUV,IZLQXOXUVHHIHDQ  
UHVSRQVLEOH IRW EDIWEZKILHQJ FRQVWHDQQVHPDNLQJWXSVDQV IRXQG LQ W

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/DERUDWRU\ \$VVLJQPHQWV [  
4XL]]HV [  
0LGWHUP ([DP 2FW  
/DERUDWRU\ ([DP GXULQJ ([DP SHULRG  
)LQDO ([DP GXULQJ ([DP SHULRG

([DP )RUPDW 7KH KTXHPVWRQV IRUWVZDQG ELQEDVHIGFRQ OHFWXUHV DQ  
WHVW ZLOO FRYHUFRQVGHKPPWBSDFWHGKLSUHFHGLQJDP LV FRPSUHKHG  
PRUH KHDYLO\ RQ RQWOUWDOVQVGRVHDRIEPEMLQQWQRQ RI PXOWLSOH

&RXUVH 2XWOLQH \*(2\*

GDWHV DQQRXQFHPHQWV ODE PDWGHU BUVH DQG \$RLQFRURB WURQ 3  
RIWHQ ,I \RX D\ØKDØRQJLQWILQFRHP \$DFRØRUDF \$URIEH &RPSXWHU +H  
KHOSGHVN#XYLF FD 7HO

6WXGHQWV ZLOO QRW EH SHUPLWUW G BFW RHZUWLMGH PHDQHF D S WU VFRV SDR  
XS WHVW RU H[DPLQDWLRQ PD\ QRWF ODOVORZQWKH3DHPH HRLQPIBW PD R H  
SURPSWO\ DQG SUHZLHWKWLZULWVWZIDUSLWRBIBDXUVZHLQLQVWUXFWRU FDQ

&RQIOLFWV ZLWK KROLGDI\ RU WUFDHSHODS O B QVHDV RQQWW B B QOLGRW H  
H[WHQVLRQ

3OHDVH DWWHQG RQO\ WKH ODERLUVWWRUJHGVHFWRXRXVW ZKLVKD\RXD U  
SOHDVH PDNH DUUDQJHPHQWV ZLWKMRXQ D Q RYQGHJQ V WFWXEROR U7KQ VD K  
GXH GDWH RI \RXU ODE DVVLJQPHQW

'HWDLOV UHJDUGLQJ \RXU ODEV D Q B X W K H L S P D B O W D V W H G R D Q D V M G Q \  
ZLWK \RXU 7\$ ILUVW DQG WKHQ GILURH V RTXCH/ V L R Q M X U W W K H U H F Q D V W L U D

8QOHVV RWKHUZLVH VWDWHG V W X G P H Q W W D L O G H S S H O F W H O G V W R F R P S O H

:KLOH ZH GR RXU EHVW WR JXLGH DRXQ W K U I R D S H U W H K Q F H X Q S V H F G I G H Q Z W  
HPDLOV ODNH VXUH WKDW \RX D D V G U G M Q D V O R T X K O V H W R X Q V H U P H J D H U  
UHVSQRVH ZLWKLQ ZHHNGDI\

,1 7+( (9(17«  
WKDW %ULJKWV SDFH LV GRZQ FHRQWXLFW PDHW M U D D H P D I O G W H R W  
TXL]]HV  
FRQWDFW \RXU 7\$ W B W D H F U H D V R U Q H D W D Y G I J E D I E U  
VXEPLVLRQ  
WKDW =RRP LV GRZQ /LYH /HFWXUHFV D Q I G G / D E R Q W D F U X F X W L R Q  
GLIILFXOWLHV RQ WKH GD\ DQG FRXOG QRW MR  
(QVXUH WKDW H S H D Q G K Z R U N L L Q V H E V G I R B R P D Q H W W K Q G X Q H U D V V L J Q  
&RPSXWHU +H D S G W W H F K Q M F D O L V V X H V  
(PDLO KHOS B D H V N # R Q H F

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\$FDGHPLF GLVKRQHVV\ SODJLDULW W H E K I H O W D Q Q J D F L D G B P L F U G E D H O W R Z L V  
DW WKH 8QLYHUVLW\ RI 9LFWRU X L V L R G H , Q W W S R X F W G E U W D V D Q D R B F W K H E U H  
HQVXUH WKDW VWDQGDUGV RI D F D V K F L I E Q K R Q L H W X W L B R Q H U P H F W J Q L J I G R L V  
DVVXUHV WKHP W G B W Q R W K H U Y M W D G M Q D R X J B G F Y K H O W D L Q J R Q H V V D I V H  
UHVSQRVLELOLWD R I D W K M P V W R K F H Q V R H B O R I F F X O J G H G X O W D Q I G L Q J X O H V D R I G D  
LQWHJULW\ EX W E I L O L W W \ R K H V K H W S R X Q G H I Q V R X V B U N H Q R Q W D X Q G H D E R X I R U W K I H  
UHIHUHQFLQJ \RXU R B X J H F H X V R U R X V H X B L O W R D U L S B H R X U V H O I Z L W K W H  
DFDGHPLF LQWHJULW\ IRXQG DW WKH IROORZLQJ ZHEVLWH  
[K W W S V](#) [Z Z Z X Y L F D E B K O E E W D M B O R D S G A D J L D U L V P](#)  
FRQWDFW PH LI \RX KDYH DQ\ TXHVWLRQV

,QIUDFWLRQV ZLOO EH GHOW ZLWK OLQF DFFR&GDPQFR QZLWK 8WLK  
FKHDWLQJ SODJLDULVP LV D JUDGMVRLUQFRQWKRWHWVWQDQ ODBSD  
GSHHQGLQJ RQ WKFDWHYRWKWU RSHQDQWHFRUPDRQWQK VWXGHQWIV

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6WXGHQWV ZLWK GQYHUVHG OHHUGL QJLWZFRXFRPH LQ SDUWLFXODU  
GLVDELQW\ KHDQMDKWRQV UGHUXDWH RQFRPHRIBWLRQW WR DSSURDF  
\$FFHVLEOH /HDUQLQJ &\$/ DV VRRQDDYSDRDEEHE\ DKSRLSQWFDQ  
SURYLGH UHIHUSDSQR \$QGDWHUUDQFRPHZRQDWLFRQVWVWVLSFHV FDO 7K  
\RXU QHGV WKHDVXLFMHURZHLQDQKQHYLRQDQVXQ QHKLQ FRXUVH

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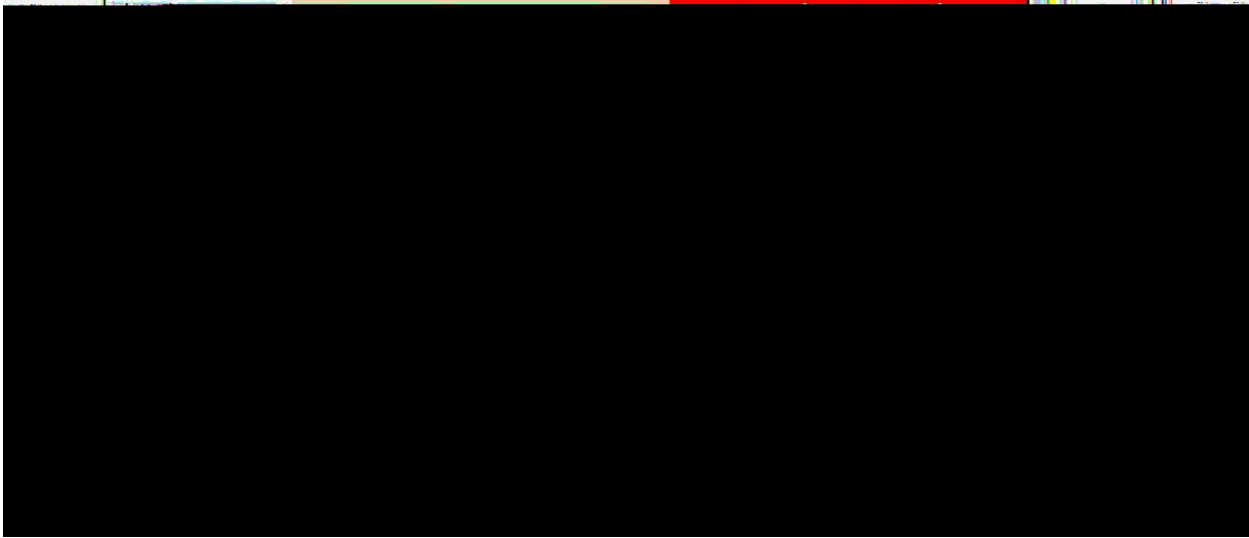
7KH 8QLYHUVLW\ RI 9LFWRULD LV FBRBL\$UWVGHWRLSURPFRVQWLSHRDY  
HQYLURQPHQW IRU DOO LWV PHPEWUVIHTFOHZQVXFRPHWKGDWGDGDXDQV  
GLVFXVLRQV ZH ZLOO DOO HQGXDJYRXLXWRIRI[DP\$OHHASHFQGXQKLQFRDQ  
GLVFXVLRQV DQG JURXS ZRUN ,IFRXPQWYHRDQKFRQDQV SDEHDXWHV

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:H YDOXH \RXU IHHGEDFN RQ WKLW FBXULGH DQDZBWKWUWRXWQVRDV  
RSSRUWXQLW\ WR FRPSOHWH DQ DQRLQPRKSHVXKHQFHU&(DUGKQJVXK  
IHHGEDFN WR PH UHJDUGLQJ WKH FRUKHOSQVGP\BHSRUKVHQRQVDESD  
VWXGHQWV LQ WKH IXWXUH , ZLOPRUHPGQVDRQHQIQGSRURPDLVHRQX  
WKLQNLQJ DERXW WKLW LPSRUWDQW DFWLYLW\ GXULQJ WKH FRXUVH

&RXUVH 2XWOLQH \*(2\*  
9,578\$/ /HFWXUH 4XL] ([DP 6FKHG XO

7RSLF \*OREDO &OLPDWH &OLPDWLF &KDQJH  
7RSLF \*OREDO :DWHU  
7RSLF 7KH /LWKRVSKHUH DQG 6XUIDFH 3URFHVVHV  
7RSLF %LRJHRJUDSK\



:H ZLOO KROG UH JPHDWLRQV LYQH FDXVHG WKYHVF KFWXUH WLPHV DO  
IRU VHOI SDFHG OHDUQLQJ DQG DYDLODEOH RQ %ULJKWVSDFH

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 KRXUV  
 % 0 30-LOO .UHJRVNL JNUHJRVNL#XYLF FD  
 DP  
 % 0 30LGD .KDOLOLDQOLDQ#GDKRDFRP 0F  
 SP  
 % 7 30=LZHL :DQJ ZDQJ ]LZHL\_XYLF#JPDLO  
 DP  
 % 7 30XRQDQ /L OLWXRQDQ#QDPDLO FRP  
 SP  
 % : 30 6HMDO 3UDPODOO VHMDOSUDPODOO#  
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 % : 30LOO .UHJRVNL JNUHJRVNL#XYLF FD  
 DP  
 % 7K 30 6HMDO 3UDPODOO VHMDOSUDPODOO#  
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 SP  
 % ) 30 =LZHL :DQJ ZDQJ ]LZHL\_XYLF#JPDLO  
 DP

9LUWXDO 7\$ RIILGHQWV DDPHJKRDF PRXUWZQJUVORP VHFWD

/DE )RUPDW  
 \$WWHQG \RXU ODELDFRFRQRMLDQWRDQWRVSWERQHNN  
 HDFK ODE  
 D \$WWHQGDQFH ZLHONEHIRMSBQWRBLSDWLRQ PDUNV  
 E 3OHDVH DUUDQJH DKHDG RI WLPH ZLVEKVRXWLRSQLW  
 HLWKHU DWWHEQGHVGLRQHURIQWLQDFHWLWLBXRUIZ\$FGXIE  
 5HYLHZ \RXU ODEGRFXWHGWDIEYLDQWRSDRWHV RQ %ULJ  
 EULJKW XYLF FD  
 &RPSOHWH ODE DFWLYLWLHV  
 \$WWHQG \RXU ODEHVLYRQWDOGZRXUNVZILWRKILXHHVWR RQV  
 6XEPLW \RXU DVVLJQPHQW YLD YLUHWVDSRVRSE[GRXH%  
 GDWH WLPH

/DE 6FKHGXOH )DOO

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6HSW	1R /DEV	



