

&RUJHDMRQ %HMZ HHQ 7 HDFKHU6 V\GHQM& RP P XQLFDMRQ \$ QG (P RMRQDQ,QMMDJ HQFH RI 3 UIP DU 6 FKRRO6 V\GHQW %DVHG RQ 3 RVLVYH 3 V FKRBJ\

/ X: DQJ

&RQJHRI (FRCP LEVDQG DQJHP HQ/VI RUVZHM\$) 8 QYHUV < DQJQJ &KLD

\$ EVWDFW 7 KH GHYBSP HQ/RI HP RMRQDQ,QMMDJ HQFH LV VJQLFDQW IRU SUIP DU VFKRROV\GHQW Z KR DUH LQ D FUMFDOSHURG RI VRFDDQG HP RMRQDQ,QMMDJ HQFH, Q UFFHQW HDV/ V\H LQJUDMRQ RI SRVLVYH SV FKRBJ\ DQG HGFDNRQ KDV DMDPANG P RUH DQG P RUH DMWQRQ IURP V\H SXEUF DQG WDFKHU V\GHQW FRP P XQLFDMRQ KDV DQZ D V EH+Q DQ H\H QMDO FRP SRQHMLQ V\H HGFDNRQ V\H VUJ , Q VXP P DU V\H FRUJHDMRQ EH\Z HHQ WDFKHU V\GHQW FRP P XQLFDMRQ XQG H V\H V\H RI SRVLVYH SV FKRBJ\ DQG SUIP DU VFKRROV\GHQW HP RMRQDQ,QMMDJ HQFH KDV UHFDUJK VJQLFDQFH DQG YDXXH 7 KLV UHFDUJK FRQFNV V\H UHFDVH RI WDFKHU V\GHQW FRP P XQLFDMRQ EDVHG RQ V\H V\H HP DNVU I LHQV RI SRVLVYH SV FKRBJ\ LQ D VFKRRODQG FRP ELQV V\H (P RMRQDQ,QMMDJ HQFH 6 FDBH (, 6 VR DQDQJ) H V\H FRUJHDMRQ EH\Z HHQ WDFKHU V\GHQW FRP P XQLFDMRQ DQG SXSLV HP RMRQDQ,QMMDJ HQFH 7 KH UH\XOV V\H V\H WDFKHU V\GHQW FRP P XQLFDMRQ EDVHG RQ V\H V\H HP DNVU I LHQV RI SRVLVYH SV FKRBJ\ SURP R\H V\H I RXU GP HQMRQ/ RI SUIP DU VFKRROV\GHQW HP RMRQDQ,QMMDJ HQFH V\H HP RMRQDQ,QMMDJ HQFH UH\XOV RI R\H V\H HP RMRQ/ DQG V\H RI HP RMRQ/ 3 UIP DU VFKRROV\GHQW DUHU FRP P HQG V\H DGRS V\H V\H P H\H RGI R\H WDFKHU V\GHQW FRP P XQLFDMRQ

,QMRGXFMRQ

3 RVLVYH SV FKRBJ\ LV D G\H V\H WDFKHU V\GHQW SRVLVYH TXDQV V\H V\H DV KXP DQ GHYBSP HQ/ SRMRQDQ,QMMDJ YLVV\H , V Z DV IUV\H SVSRVHG E 0 DV\Z DQG KDV SD HG DQ LP SRV\QV URQ I LQ SV FKRBJ\ P HG ELQH V\H RQV\ DQG R\H V\H I LHQV LQ UFFHQW HDV/ > @ %/) UH\GFN SVSRVHG WDFKHU V\GHQW HP RMRQ/ FRXQ HQKQFH SHRSQV DELOV\H 6 Q GHU EH+Q YHG WDFKHU V\GHQW SV FKRBJ\ FRXQ V\H H I H\H V\H H SHU P HQDQ DQG P HDV\H P HQV P H\H RQ/ V\H LP SURYH RUGLQV SHRSQV QV\H/ > @, W UHFDUJK VJQLFDQFH LQ HGFDNRQ V\H V\H EH FRQI GHUHG 3 URH V\H . D SLQ 3 HQV VLG LQ V\H ERRN &KLDQJQV &KLDQV\H WDFKHU V\GHQW SURSHU V\H RI SRVLVYH SV FKRBJ\ FRXQ LP SURYH FKLQJQV HP RMRQDQ,QMMDJ HQFH UHFDUJK V\H FRQMRQ DQG VR RQ > @ \$ P RQ V\H P HP RMRQDQ,QMMDJ HQFH Z DV D V\H EH I LQ QJ RI V\H D V\H DQ DQG V\H LP SRV\QFH FRXQ EH V\H 7 KH (GFDNRQ \$ FMRQ) UIP HZ RUN DGRS V\H 8 1 (6 & 2 LQ DGR HP SKDQJ HG WDFKHU V\GHQW V\H V\H I RFXV RQ DQG F\QVDM FKLQJQV DELOV\H V\H LQ QV DQG P DQJH HP RMRQ/ > @ 7 KH UH R\H LV LV VJQLFDQW GHYBSP HQ/RI SUIP DU VFKRROV\GHQW V\H FUMFDOSHURG RI VRFDDQG HP RMRQDQ,QMMDJ HQFH V\H LP SURYH V\H FRP SUH-QYH TXDQV RI SUIP DU VFKRROV\GHQW (P RMRQDQ,QMMDJ HQFH LV DQ H\H QMDO DELOV\H IRU LQELVGDQV VR SURFHW HP RMRQ/ V\H V\H V\H 3 H\H V\H EH+Q YHG WDFKHU V\GHQW HP RMRQDQ,QMMDJ HQFH Z DV UH\H V\H V\H UHFDUJK V\H HP RMRQDQ,QMMDJ HQFH 7 KH EH V\H SHRSQV XQG LV DQ UH\XOV DQG H SUH HP RMRQ/ V\H P RUH V\H FDQ DGRS V\H V\H HQVURCP HQV DQ UH DQ SRVLVYH > @ \$ W

SUH HQW &KLDQV VFKRROV\GHQW KDV LQYH\HG QV LQ V\H F\QVDMRQ RI V\GHQW HP RMRQDQ,QMMDJ HQFH H\H V\H LQ V\H SUFV\H RI WDFKHU V\GHQW FRP P XQLFDMRQ EDVHG RQ SRVLVYH SV FKRBJ\ 3 HQV FKR &KQ SURSRVHG WDFKHU V\GHQW F\H V\H WDFKHU V\GHQW FRP P XQLFDMRQ LQ R\H V\H V\GHQW SRVLVYH HP RMRQ/ DQG QFNV V\H F\QVDMRQ RI V\GHQW SRVLVYH SHURQDQV > @/ LQV) X DGR VLG WDFKHU V\GHQW HGFDNRQDQFRQV\H V\H V\H V\GHQW SUREQV KDV EH+Q XQDQ V\H P H\H V\H W\H QJ QH V\H RI DSSQHG WDFKHU LQ V\H QZ H\H > @ 7 KH UH R\H V\H V\H V\GHQW LQ V\H V\H DUH KDV D F\H V\H QYDXXH %DVHG RQ V\H V\H V\GHQW P H\H V\H UHFDUJK V\H V\H V\H IUV\H JUDGH V\GHQW Z V\H DSSDUHQV SUREQV LQ HP RMRQDQ,QMMDJ HQFH D VFKRRO LQ 6 KH Q KHQ DV V\H UHFDUJK REMVFW VXP P DUJ HG V\H V\H P DNVU I LHQV RI SRVLVYH SV FKRBJ\ SRVLVYH HP RMRQDQ,QMMDJ HQFH SRVLVYH SHURQDQV WDFKHU DQ SRVLVYH R\H DQJ DMRQDQ V\H V\H R\H FRP P XQLFDMRQ QV LQ DQ FRP SUH-QYH XHG V\H QMMDJ HQFH DQ REV\H V\H RQDQ P H\H RQ/ DV DQ LQV P H\H RQ/ , Q V\H SDV\H DU RI VFKRROV\H V\H UHFDUJK V\H FRP P XQLFDMRQ Z V\H V\H V\H REMVFW REV\H V\H V\H V\H V\H V\H V\H V\H SURFHW DQ FQDULHG V\H FQDQJ V\H V\H HP RMRQDQ,QMMDJ HQFH V\H V\H V\H (P RMRQDQ,QMMDJ HQFH 6 FDBH (, 6 I LQ DGR V\H REMVFW VR Y\H V\H V\H SURP RMRQ H I H\H V\H WDFKHU V\GHQW FRP P XQLFDMRQ EDVHG RQ SRVLVYH SV FKRBJ\ RQ V\H HP RMRQDQ,QMMDJ HQFH RI SUIP DU VFKRROV\GHQW 7 KLV V\GHQW D P V\H HQV F\H V\H UH\H V\H V\H V\H HP RMRQDQ,QMMDJ HQFH HGFDNRQ SURYHG G\H V\H RQ IRU SRVLVYH FRP P XQLFDMRQ EH\Z HHQ WDFKHU DQG V\GHQW DQG SURYHG SUFV\H DQ SRZ H\XOP H\H RQ/ IRU LP SURYQJ V\H HP RMRQDQ,QMMDJ HQFH RI SUIP DU VFKRROV\GHQW

%DFNJ URXQG RI FDMH

7KH UHFDUJK REMFW RI WLV SDSHU DUH IURP D IRUSURIWV
SUIYDM VFKRRO LQ 6KHQ KHQ ZLFLK SURYLGHV LQNUJDMG
HGXFDMRQ IURP 3UH. VR * UDGH 7KH SUJP DU VFKRROLV
IURP * UDGH VR * UDGH ZLWK DERXW VAG-QW LQ HFK
FOW (DFK FOW LQ WLV SUJP DU VFKRROLV DULJHG ZLWK D
IXQWPH KH DG WDFKHU VR DFFRP SDQ WLV VAG-QWR JURZ
7KH IDP LQ FRQGLWRQ RI WLV VAG-QW DUH NQRZ QGJHDEQ
RSHQ P LGGH VR WLV WVRXJKW DUH P RUH LGGH SHQG VDOG
3DUHQW JHQHUDO SD P RUH DMQNRQ VR WLV HGXFDMRQ
RI VAG-QW EXW FDXVH RI EXX ZRUN DGRWHU HDUHQV WLV
QWV RI WPH VR DFFRP SDQ FKLQJQ LV XQHYQ \$ I WLV
VAG-QW HQMU WLV KJJKHU JUDGHV LQ SUJP DU VFKRRO WLV
LQJUDGH RI DGRWHQFH DQG WLV LQFUHDV RI DFDG-P LF
SUHWWUH QDG VR HP RWRQDOSUREOP V RGH D WLV DQRWHU 7KH
UHFDUJKULV WLV KH DG WDFKHU RI RQH * UDGH FOW

5 HMFDUJK REMFW GVMFUSMRQ

' XULQJ FOW P DQJHP HQW WLV UHFDUJKHU IRXQG WDMWRP H
VAG-QW KOG REYLRXV HP RWRQDOSUREOP V VR WLV RI WLV
ZHUH FKRQ DV WLV REMFW RI WLV FDUH VAG 7KH VAG
SHURG Z DV IURP 1RYPEHU VR -XQH DERXW WLV
P RQWV D WLV HP RYLOJ WLV LQWUP HGD M KRQD V 7KH WLV
VAG-QW JHQHUDO RUP DNRQDUHDV IRQZ V

2 ENFW\$ LQIRUP DMRQ

0 DDI \ HDV RQ * UDGH VAG-QW DYUDJH JUDGH + LV
IDMU LV WLV DQG KLV P RWHU LV RI WLV QWV WVP H EXWLV
YHU FRQFHQG DERXW WLV FKLQ \$ LV D SRWLV DQG VLVXV
FKLQ LQ D GRUP DHP RWRQD WLV 6 WLV RQH VWP HMLQJ GRV
QRV P HW KLV SV FKRQJLDD HJ SHFWMRQ KH ZLQ EH
HP RWRQD RWRV FRQURQ FRQFH QWV RQ XQFRQWRQDQ
V RWRQJ DQG DULQJ ZLWK FOW P DMV 5HP LGGHV DQG
VXJHWMRQ IURP RWHU DUH RUFLEO UHXMG

2 ENFW% LQIRUP DMRQ

0 DDI \ HDV RQ * UDGH VAG-QW + LV DFKLHY P HQW DUH
VRS GRVFK + LV SDUHQW DMFK JUDVLP SRUJQFH VR WLV
FKLQJQ WLV HGXFDMRQ DQG KRQ D UHSHFWXOD WLV VZ DUG
WLV FKLQJQ % V SXU WLV UQW LV DQ RWDQDQD + HZ LQ
LQXOV WLV SDUWV SDQW L WLV GR GRV P HW WLV
SV FKRQJLDD HJ SHFWMRQ (YHQ L WLV REMFW LV D WDFKHU
KH ZLQ QRW WJR \$ QG KH LV QRW ZLQJ VR DQ L WLV
P LV WLV

2 ENFW& LQIRUP DMRQ

) HP DDI \ HDV RQ JUDGH VAG-QW JRRG JUDGH + HU
IDP LQ P DQJHP HQW LV GRP LQDNG E KHU WLV WVP RWHU &
RI WLV KRQV D QHJDMW DMWGH VZ DUG WLV WLVXQGLQJ
WLV QV , QFOW D WLV WLV KH ZLQ WLV DQG XQ WLV SXV
IRUZ DUG KHURZ Q QHG V UHJUDQW RI RWHU LGDV FDXLQJ
VAG-QW WLV WLV + RZHYU WLV ILQV L WLV WLV

UFRJQJ H KHU P LV WLV DQG R WLV XHV FU LQJ VR VROH
SUREOP V

& DVH SURFHVV GVMFUSMRQ

, Q RUGHV VR KHS WLV REMFW EH WLV FRQURQ WLV HP RWRQ/
GHYHVS HP RWRQDQ WLV DQJHP DQG D WLV P DQ WLV WLV
UHQWRQJLS ZLWK RWHU ZLQ REVWQJ WLV RZ Q
ZHQDEHQ WLV UHFDUJKHUJ SHURG Z DV LQ WDFKHU WLV
FRP P XQFDMRQ GULQJ VAG-QW JURZ VR GUDZ LQJ RQ WLV
VFFHWXQH SHUHQFH RI SUHWRXV UHFDUJKHU DQG EDVGRQ
SRWLV SV FKRQJ FRQWV FRQGFV WLV P HG
WDFKHU WLV FRP P XQFDMRQ ZLWK WLV REMFW LQ
1RYPEHU 0 DQJ DQG 0 D UHSHFWXOD DV IRQZ V
SV FKRQJLDD VXJHWMRQ IHQDQ RI KDSLQW SHURQD
GRP LQDNG

, Q DQJ WLV VR WLV WLV WLV FRP P XQFDMRQ/
P HQW DQJ DERV WLV UHFDUJKHU D WLV FRP P XQFDMG
ZLWK REMFW EDVGRQ WLV IRQZ LQ SRWLV SV FKRQJ
WLV HP D WLV ZKHQ SUREOP V D WLV

3 RLVWYH HP RWRQDQ SHUHQFH

3 RLVWYH HP RWRQDQ SHUHQFH DUH HP RWRQ/ WLV HONV
KDSLQW DQ WLV WLV VFK DV WLV QYH JUDWGH DQG
VR RQ 7KH UHFDUJKHU KRSHV WLV REMFW FQ IHQ P RUH
SRWLV HP RWRQ/ XQH WLV DQG HJ SDQ SUREOP V IURP D
SRWLV SHUHQFH DQG KH SRWLV HP RWRQ/ VZ DUG WLV
SDWV SUHFW DQG IXWLV \$ WLV QYH WLV UHFDUJKHU V RQ
JXGH REMFW VR EH JUDW XQ R WLV SDWV SDW RQ D WLV WLV
SUHQW DQG QJLQJ IRU WLV IXWLV LQ WDFKHU WLV
FRP P XQFDMRQ

3 RLVWYH SHURQDQ WLV

\$ WLV QYH WLV UHFDUJKHU P DQ WLV WLV REMFW
SRWLV VQ FQD WLV WLV VFK DV RSNP LVP WLV WLV
HQW V DQ HJ \$ QG FRQWQ WLV WLV REMFW
VQ LGHQW DQG LQWQDQ SUHG WLVXJK FRQW R V
D L LQ DNRQ RI REMFW LQ WDFKHU WLV FRP P XQFDMRQ

3 RLVWYH RUJ DQJ DMRQDQ WVP

, Q VFKRRO WLV FOW LV WLV HP RWRQ WLV RUJ DQJ DNRQDQ WVP
UHQDNG VR VAG-QW 7KH FOW HQWURQ HQWLV D WLV LQDQ
SDFH WLV LQ WLV REMFW WVRXJKW DQG EH QYLV \$ WLV
QYH WLV UHFDUJKHU V RQ H WLV D SRWLV FOW
HQWURQ HQW DQG FRQW R V WLV WLV WLV WLV RI WLV
FOW LQ WDFKHU WLV FRP P XQFDMRQ SURYLQJ SRWLV
HQWURQ HQW WLV WLV REMFW

(P RWRQDQ WLV DMRQ

' XULQJ WLV WLV P RQW RI REVWYDNRQ WLV REMFW
HJ SHUHQFH EJ HP RWRQDQ SUREOP V % R WLV HP RWRQDQ
SUREOP V SURFH WLV WLV JUDW WLV P LQ WLV DQG WLV
UHFDUJKHU WLV WLV WLV WLV WLV WLV WLV WLV

4.4.1 Object A's emotional problems

2 EMFV\$ KDG P DVUHP RWRQDSUREOP V HJ K W P H V L Q W M D
7 K H V M D N R Q / Z H U H D V I R O Z V

, Q P X I F F O W 2 E M F V \$ Z D V G L W D M I L G E F D K H R I
V H V D A S U R E O P + L V I D F H V M Q G U H G D O G K L V Y L Q / S R S S H G
R X V + H O I V M H F O W U R R P D O J U O D O G F U I G O X G O : K R V H
K H O L V D P X I F W D F K U , I \ R X G R Q V N Q R Z K R Z V R W D F K V M H Q
G R Q V M D F K 7 K D V P \ S R V M R Q Z K I V R X C G , J I Y H I V M R R M H U V
D O G U H S F V R M H U V 7 K H U H D U R K U H Q F R X U D J H G 2 E M F V \$ V R
V O U V Z L M K S R V M Y H H J S H U I Q F H V D O G V M R X J K W D E R X V Z K D V
S R V M Y H H J S H U I Q F H V K H K O G J D Q G H L Q P X I F F O W V X F K D V
V H I U H Q R P D O G N A R I G O Q L Q J

2 E M F V \$ H X S M G L Q 3 (F O W G X V R V H I D O U H R I
F R P S H M R Q Z L M K D O J U H H V D O G D O P R W W A R N D F M R Q < R X
F K D W K R Z V M L V P \ E X I C H W , G R W 7 K H U H D U R K U
D N H G 2 E M F V \$ V R U H O F W R Q D S R V M Y H F O W F X O M U H D O G D
X Q L M G F O W D A F R S K U H

, Q (Q J O K F O W 2 E M F V \$ V R U H X S K L V M M V S D S H U V D O G
F U I G X G F R Q M R O E O G X V R X Q D M V D F M V J U D G V 7 K H
U H D U R K U F R P P X Q F D M G I U R P V H S H U S F M Y H R I S H U R Q D D W
W D W D I I L P L Q J 2 E M F V \$ V S D W F R Q M E X M R Q / V R O D U L Q J D O G
U F R J Q J L Q J 2 E M F V \$ V U H M O Q V T X D O M H V

2 E M F V \$ Z D V G R V M D M I L G Z L M K V H W D F K U V U H U H I
D O G P D G H D I L J K V Z L M K V H 3 (W D F K U V D L Q J , W G R V D U D V
D O Z K I L V M L V V M S L G M G I P H Q M S H F K O W) U R P D I X M U H
S H U S F M Y H V H W D F K U Z R U N H G Z L M K 2 E M F V \$ V R G H L Q I D U
F R P S H M R Q U K O V I R U V H S X E O F P D N L Q J 2 E M F V \$ I X O R I
O B J L Q J D O G H J S F M R Q / I R U J X M U H 3 (F O W H V

2 E M F V \$ K O G D Q H P R M R Q D I O F M D M R Q Z K H Q K L V
K R P H Z R U N Z D V G R V K O G G H L Q E X V M H U H Z D V D O H G V R P H
U H M D Q V & D Q \ R X S O D H O M L V J R 2 E M F V \$ V L O Q O
U X E E H G V H K R P H Z R U N S D S H U 7 K H U H D U R K U D O G 2 E M F V \$
U P L Q V F H G D E R X V M H V M D M R Q Z K H Q K H D F K L Y H G J R R G
J U D G V H Q F R X U D J L Q J K L P V R E H O Y H I L Q K L P V H O D O G 2 E M F V \$
D O R G L V X W H G H P R M R Q D F R Q M R O P H M R G V Z L M K V H
U H D U R K U

' X H V R G R M V D N L Q J L X X H V L Q K L V R U J F O W 2 E M F V \$
V F R O G K L V G H N P D M D O G V D G , W F O D U W D V R X V A R N P \
G R M V E X V R X O H G \$ W M L V S R L Q V 2 E M F V \$ V V R C H R I Y R L F H
Z D V D O H G T X L M J H Q O H 7 K H U H D U R K U D I I L P H G 2 E M F V \$ V
S U R J U H W D O G V O M G K L V D G Y D O M U H V X F K D V N L Q G H W D O G D
V H Q A R I U H S R Q M E L O W

' X U I Q J U H F W W P H 2 E M F V \$ K O G D Q D U J X P H Q Z L M K
I L Y W J U D G V M G Q M G X V R D I R R A D O L W X H V D L Q J : H U H
Y H U X G F R P I R U D E O H Z K H Q V H I L Y W J U D G V M G Q M V A R N R X U
E D O V H G L G Q W D S R O J I J H D O G I L Y W J U D G V Z H U H D E O H V R
H J S U H V V H L U I H O Q V D O G S X M R U Z D U G V H L U Q H G V 7 K H
U H D U R K U F R Q M X H G V R S U D V H 2 E M F V \$ I R U K L V S H U R Q D D W
W D W D O G K H S H G K L P V O Y H S U R E O P V

7 K H U H Z D V D F R Q O F W E H Z H Q 2 E M F V \$ D O G V H
V F X U W J X O G Z K H Q O D M L Q V K R R O 2 E M F V \$ V D G , M X W
Z D Q V R F R P H I L Q 7 K H U H D U R K U J X L G H 2 E M F V \$ V R K L W
I R F X V S D D M Q M R Q V R V H I O Z H V V H V D O G D P X V P H Q V
I D F L M V R Q F D P S X V D O G H J S H U I Q F H V H V P D O E H D X W R I Q H
H Y H U Z K H U H

4.4.2 Object B's emotional problems

2 E M F V \$ K O G P D V U H P R M R Q D S U R E O P V V I W P H V L Q W M D
7 K H V M D N R Q / Z H U H D V I R O Z V

, Q V L H Q F H F O W 2 E M F V \$ K O G D P L X X G H U M D Q G L O J Z L M K
V H 6 F L H Q F H W D F K U Z L M K K L V K H G G R Z Q D O G D Q D O J U
H J S U H M R Q + H V F U H O F X U H G D O G V D G : K D M L G G R I V M L Q
L V K H , G G G R A G R D Q V M L Q Z U R Q J , K O M K L P K H L V R
D O Q R L Q J + H V P D K H G D O V H P D M U D V 7 K H U H D U R K U
D N H G 2 E M F V \$ V R U F D O Z K H Q V H V L H Q F H W D F K U K H S H G
K L P V O Y H S U R E O P V D O G V H M A R I G R L Q J H J S H U I P H Q M L Q
V L H Q F H F O W

, Q & K L Q H H F O W 2 E M F V \$ K O G V R P H L X X H V Z L M K V H
& K L Q H H W D F K U 2 E M F V \$ Z D V D O J U D O G O V M H V F D M V U L O J
Z U R Q J O 6 K H G L G Q W M H P H U D V H P \ K O G G % O G O G
V H U H P X M E H V R P H S U R E O P V L Q K H U E U D Q 7 K H U H D U R K U
J X L G H 2 E M F V \$ V R V M L Q N P R U H D F M Y H O D E R X V S U R E O P V
F R Q L G H U I Q J V H W D F K U V L Q M Q M R Q / I R U V H E Q H I L V D O G
O R N L Q J D M M H R Y H U D O M V M D M R Q D V D K L J K H U O M H O

, Q (Q J O K F O W 2 E M F V \$ O M F R Q M R O R I K L V H P R M R Q
G X V R V H V R U H L Q V H J U R X S F R P S H M R Q V D L Q J 7 K L V
V R U H L V G R V I D U (Q J O K W D F K U G R H Q W F O O X V
G L V U D F H X O G L X S M O J V H F O W U R R P R U G U 7 K H U H D U R K U
V A R N V H H Q M H F O W D V V H W O U Q J S R L Q D O G H J S O U H G V H
F R U H R I I D L Q H W Z L M K 2 E M F V \$ D V Z H O D V V H K O S S L Q H V
E U R X J K M R V H Z K R O F O W V M U R X J K D V D E O H D O G I U H G O D F O W
H Q M U R C P H Q V

, Q V H (Q J O K D F M Y W F O W 2 E M F V \$ H Q F R X Q M U H G
F R Q O F W G X H V R V H G L Y L V R Q R I O E R U D P R Q J U R X S P H P E H V
D O G V H Q K H E X U A R X W 7 K H D U H V R D O Q R L Q J , G R Q M Z D Q V
V R Z R U N Z L M K V H P D Q P R U H 8 G G H U V H J X L G O F H R I V H
U H D U R K U 2 E M F V \$ Z D V D E O H V R U H Q D H V H U D M R Q D D W R I
K L V S H D N L Q J V M O T X L E N O D O G V M H U H D U R K U V A R N D G Y D O M U H
R I V H V M D M R Q V R H Q F R X U D J H K L V I D L Q H W D O G V H Q H R I
U H S R Q M E L O W

, Q V L H Q F H F O W 2 E M F V \$ W O H G D U R X G G D O G Z D V
F U M A J H G V H Q K H J R V L X X H V M I L G , P G R V M H R O O R O H Z K R
W O W 7 K H U H D U R K U S U D V H G 2 E M F V \$ V S D M R Q D O G
S X U X L V R I O D U L Q J H Q F R X U D J L Q J K L P V R V H V H S R V M Y H V L G H
R I V H V L H Q F H W D F K U V F U M A L P V X F K D V K H S L Q J K L P
I P S U R Y H

' X U I Q J D E U J D N 2 E M F V \$ K O G F R Q O F W Z L M K R M H U F O W
W D F K U V G X H V R D F M Y W L X X H V : K I L V M M V R X U S U R E O P
< R X K O Y H V R D S R O J I J H U \ R X U H Z U R Q J 2 E M F V \$
F R Q M R X W O H J S U H W G K L V Q H G V Z L M K D F O P H U V R C H D O G
D M M G H 7 K H U H D U R K U D I I L P H G K L V S U R J U H W D O G U D V H G
H J S F M R Q / R I W H D M Q R M H U Z L M K N L Q G H W

4.4.3 Object C's emotional problems

2 E M F V & K O G P D V U H P R M R Q D S U R E O P V I L Y H W P H V L Q
W M D 7 K H V M D N R Q / Z H U H D V I R O Z V

2 Q V H I L H G M I S 2 E M F V & K O G D G L D J U H P H Q Z L M K
R M H U F O W P D M V 6 K H V R X M G , D P J R L Q J V R V O H S G R Z
Z K I D U H \ R X J X V W M O S O L L Q J V H V R Q J " V X X X S 7 K H
U H D U R K U H Q F R X U D J H G 2 E M F V & V R H Q M V H S U H H Q M D O G
Z R U N H G Z L M K K H U V R H Q M L R Q Z K O M F D Q E H G R C H X M L Q V H
S U H Q M P H Z H O

2 E M F V & K O G D Q X C S O D D Q V H J S H U I Q F H Z L M K K H U
F O W P D M V L Q & K L Q H H F O W G X V R W D Q P L M Q J Q H D M Y H
H Q H J A 2 E M F V & V R X M G 2 K L W L U F O O E R U I Q J V H F O W
L V G X O 2 K 7 K H U H D U R K U G L V X W H G V H V A R I O M D M U H

Z LUK 2 EMFV& DOG HCFRXLJHG KHUVR UHG P RUH LQMUHMQJ &KIQH ERRN DOZLQJ KHU VR VH VH SRMAYH VLGH RI QDQQJ &KIQH

, Q P DM FOW 2 EMFV& FUHG EFDXV RI KRP HZ RUN SUREOP VDOG VLQ 0 \ P RP Z LQGHILQMD VROGPH ZK DP , WDAEDG 2 EMFV& FDQ EUDYD HJ SUHWKHUWKEOV ZKLFK LV D JRRG WDUV7KH UHMDFKHU DILUP HG 2 EMFV& V FRQMQRXV HIRUW DOG JXLG-GKHUVR DOP LVKHUWVHQJVM DOG VR EHQYH LQ IXMUH SRMELQMV 7KH UHMDFKHU DOR FRP P XQFDNG Z LUK 2 EMFV& V P RP KRSLOJ VR JLYH KHU D SRMAYHVHQHRI VFXUW IURP KHUP RMHUV SHUSFVYH

2 EMFV& KOGDFRQ QFVZ LUK KHUFOWP DAM/RQVHFKDV SODMUP EA VQGLQJ P DQ P HQGLQJW HP RMRQV \$ IVMUWH FOWP DAM UDLVHG VH LVXH 2 EMFV& GFDUHG (YHU RCH VQWVZK EOPHPH 2 EMFV& VHJ SUHWLRQVMVMP HZDV TXUM FOP 7KH UHMDFKHU DILUP HG 2 EMFV& V KXP RU DOG HCFRXLJHG KHU VR XVH KHU ZLWRQ RMHU RFDMRQV VMQ JXLG-GKHUVR WHDWKHUFOWP DAM VJHVMRQV Z LUK NQGGHV

' XUIQJ VH DUVFOW JURXSLOJ 2 EMFV& FRODSVHG EFDXVQRQHZ DVZ LQDQJ VR EHLQVH VDP HJURXS Z LUK KHU 2 EMFV& P XWUHG QR RQH Z DQV VR EH IULHQG Z LUK PH VH DQ HJ FOXG PH ' XH VR 2 EMFV& V QOJ WDOGLOJ EHKDURU KHUFOWP DAM N-SWKUGLWQW7KH UHMDFKHUWKEOV 2 EMFV& WDV QCHQHW LV DOR D VQJH RI KDSLQHW HCFRXLJLQJ KHUVR EHQFHVR KHUVH EURDG-QKHUKRUI RQ DOG VH SRMAYH DSHFWRI QH

& DVH DQDO VLV DOG UHVXOV

7KH UHMDFKHU UFRUG-G VH IUTX-QA RI LQBYLGDQ FRP P XQFDNRQ Z LUK VH REMFWLQ P RQMV ' HFP EHUDGQ) HEUXQJ ZHUH GRVFRXQMG GXH VR KROGD V 6HH7DEQ DOG VH GUDMRQ RI HFK FRP P XQFDNRQ 6HH) LJXUH %H RUH HFK WDFKHUVWGH-QVFRP P XQFDNRQ VH 3RMDYH \$ IIFVDOG 1 HJDMYH \$ IIFV6FDD 3\$1\$6 FRP SLOG EA : DNRQ HAVO Z DV XVHG VR YLVXQD HYDODM VH HP RMRQD WDM RI WGH-QV 6HH) LJXUH 7KH VDDH Z DV YHULLHG EA +XQJ / L HAVD , WQDV KJK UHDELDW DOG YDQGLW DOG LV VLVDEQ IRU &KIQH> @3\$1\$6 KDV TXHMNRQV Z LUK TXHMNRQV IRU SRMAYH DOG IRU QHJDMYH HP RMRQD HJ SUHWLRQ XLOJ DILYH SRQWFDQVFRUIQJ P HMRG

Table 1. &RPP XQFDNRQ IUTX-QA XQWVPHV

	Nov.	Jan.	Mar.	Apr.	May.	Jun.
Object A	3	2	1	1	1	0
Object B	2	2	1	0	1	0
Object C	1	2	1	1	0	0

, WFDQ EH VHQ IURP 7DEQI WDMVH IUTX-QA RI WDFKHUVWGH-QVFRP P XQFDNRQ EHZHQ VH UHMDFKHU DOG REMFW LV GFUHLQJ P RQK EA P RQK LQGLDMQJ WDMVH IUTX-QA RI HP RMRQD RXEXUW RI UHMDFK REMFW LV IDQDQ DOG VH KDYH EHQ DEQI VR FRQURO VFP VHQV JUDGQD

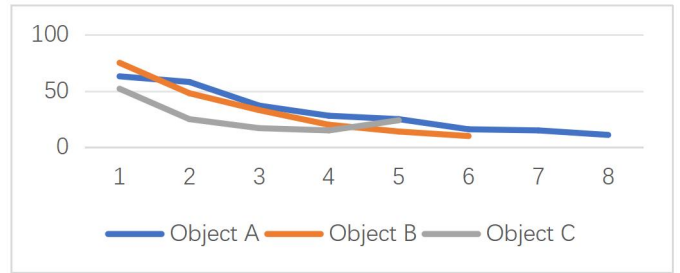


Fig 1. &RPP XQFDNRQ GUDMRQ XQWV LQMV

7KH ILLWVSRQVWR GRM LV VH P DMYH GFUHDH LQ VH FRP P XQFDNRQ GUDMRQ IURP) LJXUH 7KHUH ZHUH VR UHVRQV ILLWQ DVMU VH SUHWLRV FRP P XQFDNRQ VH REMFW ZHUH FRQFLRXV RI VMLQLOJ DERXVSUREOP V Z LUK D SRMAYH DMMGH ZKHQ HCFRXLJLQJ QHZ WDMNRQV 7KH NQZ KRZ VR SHUFLYHP RMRQV DOG HJ HVSRMAYH HP RMRQV VVXV SUHULLQJ VR FRQURQMHURZ QEDGHP RMRQV 6HFRQD ZKHQ VRP HMP HV VH HP RMRQV ZHUH VMQGLILFXOVR FRQURO VH FRXG TXLND FOP GRZ Q GULOJ WDFKHUVWGH-QV FRP P XQFDNRQ Z LUK VVWUJQJ IURP VH EHLQDQJ 2 EMFV & EURNHXVWVSDUWFXQWV EFDXVRI VH DFXP XDMRQ RI VRP H LQMLSHURQDOSUREOP V VR VH ILLW FRP P XQFDNRQ VPHZ DV QOJHUMQJ VH ILLWVRXUMPHV

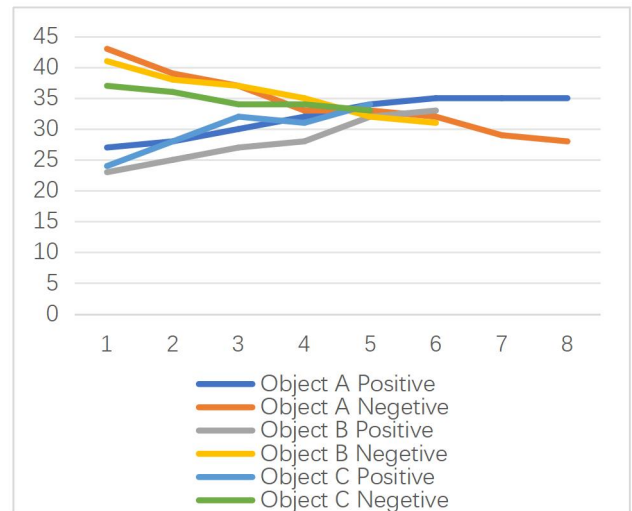


Fig 2. 3RMDYH \$ IIFVDOG 1 HJDMYH \$ IIFV8RQW

) LJXUH VRZ VMDVH SRMAYH D IIFVFRUH/RI 2 EMFV \$ % DOG & JUDGQD LQFUDHZ KQI VH QHJDMYH D IIFVFRUH/ JUDGQD GFUHDH , Q VH P HQMPH VH SRMAYH VFRUH/ JUDGQD HJ FHHG VH QHJDMYH VFRUH/ 7KH DERYH UHVXOV LQGLDMQJ WDMVWGH-QV LQMLQDOP RMRQV KDYH WADGLO VKLVG VRZ DQV SRMAYLV UDMPH WQD VVWQGHG QHJDMYLV ZKHQ IDLQJ QHZ HP RMRQDOSUREOP V

\$ W VH HGG RI VH VPHVMU VH UHMDFKHU DOR FRP P XQFDNG Z LUK VH WDFKHUV DOG SDUHQV RI VH VUHH REMFW \$ P RQJ VFP (QDQK WDFKHUV 6FLQFH WDFKHUV DOG &KIQH WDFKHUV KJKO HYDODM VH HP RMRQD RQDQJH RI VH VUHH REMFW) RU HJ DP SDH 2 EMFV \$ LV P DNQJ UDSLQ SURJUHVV LQ KLV HP RMRQD FRQURO KH XVHG VR \ HQLO FOW DOG LV P XFK P RUH UDMRQDGRZ 2 EMFV& KDV P RUHRI DVP LQIRQKHUI DPH WQD VHKGG DVMH EHLQDQJ RI

VH VKRRO\ HU DOG KHU ZKROH VDM RI EHLOJ LV VR P XFK
 PRUH SRVWYH DOG , DP VR KDS\ IRUKHU 2 EWFV% LV
 P XFK PRUH VHWG DOG DGVWQJ KLV P FRG VAD\DVMLV QRV
 HDX IRUKIP \$ IVMUFRP P XQFDMQJ Z LK VHUH DUJKU DOG
 QDLQJ DERXVSRVWYH SV FRKRU\ FRP P XQFDMQJ P HMRG/
 VH WDFKLV VLG VH ZRXC DOR W VH PHMRG/ LQ VH
 IXVUH , Q VUVP RI SDUHQ 2 EWFV\$ V SDUHQ VDWG LQ DQ
 HP DQMDV 2 EWFV\$ IV DGG LV VR VUWVZ LK KIP DAKRP H
 ZKFK KDV FDXHG KIP VR EH LQ D EDG PRRG ZKHQ
 HFRXQMLQJ VMLQJ 7KDN\RX IRUWVHKDUGZ RUVV\ HU
 <RXU DMVH FRP P XQFDMQJ DOG SDUHQ VJLGDGH KDYH
 JUDD\ FKDJHG KLV HP RMRQ/ +H GRHQW KDYH P XFK
 FRQFVZ LK X/DKRP H \$ VVHSDUHQ/P HMQJ 2 EWFV%V
 SDUHQ H SUWVG VDW 2 EWFV%V HP RMRQD LVXHV KDYH
 DQZ D VEHQD FRQHLQ HSHFDQ ZKHQ LVFRP HV VR JHMQJ
 DORJ Z LK WDFKLV +HNH SV WMLQJ PHKHUDD HQV V
 \RXUFRP P XQFDMQJ P HMRG/ +HIHQV YHV UHQJ HG DGG DV
 HDV DGG KLV HP RMRQ/ KDYH JUDD\ LP SURYHG , DOR IHQMDV
 FRP P XQFDMQJ Z LK KIP LV P XFK VPRRMHU DOG KH LV
 EFRP LQJ PRUH VQMEQ 2 EWFV% VP RP DOR H SUWVG DV
 VHSUHQ P HMQJ 7KDN\RX IRUWVHFRQVXV DVMQJ
 DOG HFRXUDJHP HQV 2 EWFV% 6KH LV QR QJHU VDW
 DJUHVLYH RUHQJ DVMH DQ PRUH , KDYH GRVWYHQ QRMV G VDW
 P\ XSEUQJ LQJ VVHKD VJQLIFDQ LP SDFWGHKUP RMRQ/
 DOG, ZLQJUDG DGVWVP\ RZ QHP RMRQ/

,QRUGUVR EHVWUHYDDM VH GHYHSP HQV RI VAGQV
 HP RMRQD LQMDJHQFH VH UHV DUJKU QHG/ DQ HP RMRQD
 VDDI VR DQD] H DGG VUWVXVYUJRV HP RMRQD LQMDJHQFH
 VDDI DP RQJ Z KFK VH P RUH FRP P RQ RQV DUH VHO (,6
 VDDI 0 XQVUDGK (P RMRQD, QMDJHQFH 6FDDI DOG VH
 (,6 VDDI (P RMRQD, QMDJHQFH 6FDDI 7KH 0 (,6 VDDI
 ZDV GHYHSP HG EA 0 D HU 6DORYH DOG & DUXR LQ
 EDVGRQ 0 D HUDG 6DORYH VHP RMRQD LQMDJHQFH P RGH
 ,Q 0 D HU 6DORYH DOG & DUXR SXEOKHG D UHVHG
 YUJURQ RI VH VDDI VR DVMV SHRSQV DEQW VR SHUHYH
 LGQV XCGUW DOG UHXDM HP RMRQ/ > @+RZHYU
 DVMV HP SUWFDQVARI 5 RQJ & DR DOG; LDRVQ: DQJ VH
 LQMDQFRQVWV UHDEQW . FRHILFHQVARI 0 (,6 LVQZ
 DOG VHYDQJ LV DOR REYLRXV LQVILFHQV @7KHU RUH
 0 (,6 GRHV GRVWYH VH IXQVWQ RI HIFVWYD P HDXUQJ
 HP RMRQD LQMDJHQFH 7KHJ (P RMRQD, QMDJHQFH 6FDDI
 (,6 FRP SLOG EA 6KXVW HADD LQFQGHV IRXU GP HQMRQ/
 HP RMRQD SHUF-SWRQ VHD HP RMRQD UHXDMRQ UHXDMRQ
 RI RMLVJ HP RMRQ/ DOG XVH RI HP RMRQ/ LMP V XIQJ D
 ILYH SLOV VDDI VFRUQJ P HMRG DVMQRI SLOV / HL; X
 VLG LQ VH SDSHU VDW (,6 WDDQWAG DOG UHVHG EA
 3URHVRU&DNDQJ : DQJ KDG KJK UHDEQW DOG YDDQW ,V
 LV DQ HP RMRQD LQMDJHQFH DVMV P HQV VDDI VUWQI IRU
 DORVH QV > @\$ FRUQJ VR VH UHV DUJK VLV SDSHU XVH/
 (,6 IRUDDQV LV
 \$ IVMU VH HGG RI WDFKLV VAGQV FRP P XQFDMQJ VH
 UHV DUJKU DQD] HG VH GLIHUHQFH VLG VH (,6 ILQDGRVVE
 VUWV REMFW EH RUH DOG DVMU FRP P XQFDMQJ 7KURJK VH
 (,6 VH UHV DUJKU QRMV G VH LP SURYHP HQV 2 EWFV\$ V
 HP RMRQD LQMDJHQFH LV VH P RMRVYLRXV Z LK D SUH VVW
 VFRUH RI DSRVWVWVFRUH RI DOG DQ LQFUDH RI
 SLOV \$ P RQJ VHP VH HP RMRQD SHUF-SWRQ VJQLIFDQ
 MYP SHG IURP SLOV VR SLOV VH VHD HP RMRQD
 UHXDMRQ LQFUDHG IURP SLOV VR SLOV VH

HP RMRQD UHXDMRQ RI RMLV LQFUDHG IURP SLOV VR
 SLOV DOG VH XVH RI HP RMRQ/ DOR ZHQVX IURP
 SLOV VR SLOV 7KH SUH VVWVFRUH RI 2 EWFV% ZDV
 SLOV DOG VH SRVWVWVFRUH QJ DAFDQ UHV VR SLOV
 ZKFK LQFUDHG EA SLOV \$ P RQJ VHP HP RMRQD
 SHUF-SWRQ LQFUDHG IURP SLOV VR SLOV
 VHD HP RMRQD UHXDMRQ ZHQVX IURP SLOV VR
 SLOV UHXDMRQ RI RMLV HP RMRQ/ FKDJHG IURP
 SLOV VR SLOV DOG VH XVH RI HP RMRQ/ LQFUDHG IURP
 SLOV VR SLOV 7KH SUH VVWVFRUH RI 2 EWFV% ZDV
 SLOV DOG VH SRVWVWVFRUH LV SLOV DQ LQFUDH
 RI SLOV \$ P RQJ VHP VH HP RMRQD SHUF-SWRQ MYP SHG
 IURP SLOV VR SLOV VH VHD HP RMRQD UHXDMRQ
 LQFUDHG IURP SLOV VR SLOV DOG VH UHXDMRQ RI
 RMLV HP RMRQ/ DOG VH XVH RI HP RMRQ/ DOR ZHQVX IURP
 SLOV VR SLOV UHSFWYD

&RQFQVLRQ

,Q VPP DJ LVFDQ EH FRQFQGHG VDW WDFKLV VAGQV
 FRP P XQFDMQJ EDVHG RQ VH VUWV P DVMU ILHQV RI SRVWYH
 SV FRKRU\ KDV D FVUQ URQ LQ SUR RMDJ VH HP RMRQD
 LQMDJHQFH RI SUJ DJ VFRRO VAGQV 7KH HP RMRQD
 LQMDJHQFH RI VAGQV KD/ EH QLP SURYGLQ WDFKLV VAGQV
 FRP P XQFDMQJ 6VAGQV KDYH LP SURYHG LQ VH IRXU
 GP HQMRQ/ RI HP RMRQD SHUF-SWRQ VHD HP RMRQD
 UHXDMRQ UHXDMRQ RI RMLV HP RMRQ/ DOG XVH RI
 HP RMRQ/ \$ P RQJ VHP VH GP HQMRQ RI HP RMRQD
 SHUF-SWRQ KDV VH P RMRQVH DEQI LP SURYHP HQV IROZ HG
 EA VHD HP RMRQD UHXDMRQ % FRP ELQJ VAGQV GLO
 SHURIP DGHV DOG IHGEDFN IURP RMLV VAGQV FDQ EHVWU
 SHUHYH VHVUDDG RMLV HP RMRQ/ FRQVROMHP EHVWU KQ
 HP RMRQ/ DVMH DOG QDLQ VR XVH SRVWYH HP RMRQ/ VR
 LQXHQFH VHVUFRKLV/DG VAGJ P HQV

7KHU RUH VH UHV DUJKU SURSRV VH IROZ LQJ
 VJUHMRQ VR WDFKLV HSHFDQ SUJ DJ VFRROMDFKLV
 7DFKLV VFRXG XCGUW DOG DFF-SW SRVWYH
 SV FRKRU\ DOG EHQYH LQ VH SRVWYH LP SDFWVWVSRVWYH
 SV FRKRU\ EUQJ VR VH VAGQV / HDQ V VAP DAF
 NQRZ QGH RI SRVWYH SV FRKRU\ VFK DV ZDVKLQJ
 + DQDQ 8 QYUWV & RXUH RQ 3RVWYH 3V FRKRU\ 5HDG
 ERRV UHQMG VR SRVWYH SV FRKRU\ VFK DV 3RVWYH
 3V FRKRU\ IRU (GFDRLV DOG 0 HMRG/ RI +DSSLQV
 7DFKLV VFRXG IRUP D SUH P LQV XCGUW DOG LQ RI
 SRVWYH SV FRKRU\ LQ VHVU KDUW DOG EFRP H QDLQV RI
 SRVWYH SV FRKRU\

7DFKLV VFRXG VHVUWV FRP P XQFDMQJ Z LK
 VAGQV HSHFDQ ZKHQ HFRXQMLQJ HP RMRQD SUREQV
 7DFKLV DOR QHG VR XVH SRVWYH SV FRKRU\ VR FRQVWV
 FRP P XQFDMQJ P HMRG/ VFK DV VUWV IURP RQD IFRVUQJ
 RQ VAGQV JUDGHV VR FRQHQNDQJ RQ VHVU RYHDDQ
 GHYHSP HQV QHG/ 7DFKLV VFRXG FRQVWV W VH VR
 LGQV VFRUFRP LQJ LQ HFK DMP SWR EFRP H SRVWYH
 SV FRKRU\ SDFVVRQV

7DFKLV VFRXG HVDQK D JRRG FQVWRP
 HQVURCP HQV DORZ LQJ D SRVWYH DAF RSKUH VR SHUP DM
 HYU FRQVURI VHFQW 7KLV EHQYRUZ LQXV D IIFVWV
 P LGGV DOG EHQYRU RI VAGQV P DNDQ VH HQVH
 HQVURCP HQV SDFVVRQV JURXGGI RUSRVWYH SV FRKRU\

,VWKRXC EHQVNG VQD/VNH VQVWQJ SRLQRI VML/VXG LV
 VR DAVW VAG-QV ZKR KDYH GIIIFXQVH VQ HP RWRQDO
 SHUF-SMRQ DGG FRQURO VR LP SURYH VHLU HP RWRQDO
 LQMQJHQFH ,Q IDFW HYHV VAG-QV/LV DQ LGG-SHQ-QV
 LGGYLGDQZ LK D GIIHUHQ/SURQDDW DGG VHLUH VMLQDQ HG
 EHKDRLV DOR YDU \$ QMRXJK FRP P XQFDMRQ ZLW HFK
 FKLG KDV FRP P RQDDVH VHLUH DUH DOR LGGYLGDQSDUW ,Q
 YLHZ RI VNH GIIHUHQ/P RWRQDO SUREOP V KRZ Q E HFK
 FKLG HYHQ LI VNH VHRU RI SRVWYH SX FKRBJA VSSRUW
 VHP GIIHUHQ/FRP P XQFDMRQ P HDXUH DUH VMDQH-GG
 7KHUHUH VHFRRVRI WDFKHUVAG-QV/FRP P XQFDMRQLV/KJK
 UHXQVQJ LQDVP DQXP EHURI REVWFWLQ VML/VXG ,QIXMUH
 UHFURK VAG-QV ZLW HP RWRQDO SUREOP V FDQ EHFDMILHG
 LQR GP HQMRQ/ILWV/DGG VHQ FRP P XQFDMRQ P HMRG/ FDQ
 EH GMLJQG EDVHG RQ VNH VLUH P DNRU IILQV RI SRVWYH
 SX FKRBJA 7KLZ ZD FDQ HQDEOH PRUH WDFKHUVAG-QV
 FRP P XQFDMRQ SUDFWHV LQFUDVH UHFURK VDP SGM DGG
 LP SURYH VNH UHDELDW DGG YDQJLV RI VNHUHFURK
 ,Q DGGMRQ GIIHUHQV UHFURKHV KDYH GIIHUHQV
 FDMILFDMRQ/ IRU VNH GP HQMRQ/ RI VNH (P RWRQDO
 ,QMQJHQFH 6FDH (,6 VFK DV VLUH GP HQMRQ/ DGG VQ
 GP HQMRQ/ ,Q IXMUH UHFURK RWHU GP HQMRQ/ FDQ EH
 VDFWAG VR HYDDM VAG-QV HP RWRQDO LQMQJHQFH
 HQJFKQJ H SHUP HQDQHXQV

5 HHHQFH

+ 0 DQZ 0 RMYDMRQ DGG SHURQDDW 1HZ <RUN
 + DSHUDDG5RZ
) UGUFMRQ % / \$ P SX FKV\$6(3)
 & 5 6Q GHU 6 - / RSH / 0 (GZ DQV 6 &
 0 DTXHV \$ P 3V FKRBJLVW7KH2[IRUG KQCGERRN RI
 SRVWYHSX FKRBJA UGHG 1HZ <RUN 2[IRUG8 QY
 3UHV
 . 3 3HQJ : <DQ &KQVHQV FKUDFVU SRVWYH
 SX FKRBJA ZLWVQ VR SDUHQV %HMQJ &KQD &LVF
 3UHV
 < 4LQ < 'X . 4 <L : ' DL 6FKRRO\$ GP LQ
 (11)
 . 9 3HNGHV \$) XQKOP (XU - 3HURQDDW
 15(6)
 3 & &KHQ 7KH6FLHQFH DGG (GXFDMRQ \$ UWFQI & RQFW
 PLG WLP (29)
 / 7) X (GXF 6FL 1HZ RUN 6HP LQDU6\PS %RRV
 ' : DMRQ/ \$ &QUN \$ - 3HURQDDW DGG 6RFLDO
 3V FKRO54(1) ±
 / +XQJ 7 = <DQ = 0 -L &KQVH0 HQDD+HDK
 -(01)
 - ' 0 D HU' 5 & DUVR 3 6DQYH ,QMQJHQFH
 (27)
 5 &DR ; - : DQJ 3V FKRBJLFDQ6FL(02)
 / ; X 5HYVLRQ DGG \$SSQFDMRQ RI (P RWRQDO
 ,QMQJHQFH 6FDH (,6 0 DVMUV VNHV 6KQJQKL
 6KQJQKL 1 RUP DQ8 QYHVW