

, QI XHQFH RI & XOMUDODQG & RQM (WDO) DFVRUV RQ VNH 3 UMHQMDMRQ 5 LVN) DFVRUV DQG 7 UHMV HQMRI 1 DUFLVLMVF 3 HUVRQDDW ' LVRUGHU

<LUDQ=KROJ

6KQJJKL: HL X+LJKVFRRO6KQJJKL &KLOD

\$ EVWDFW%DFNURXCG , QVSMRI SHURDDW GLVRGHULVDFRP P RQ VRSF LQ VHIHOG RI SX FRBJA DQG
SX FKDM WHUH DUH WDOYHU IHZ VAGHV IHZ VAGHV IRFXLOJ RQ FXOMUDODQG FROM WDOI DFVRUV RI
1 DUFLVLMVF SHURDDW GLVRGHU 13' 0 HMRG % UHYZLQJ VHIHOGMUH DERXV WUHH FRXQNH/8. 86
DQG & KLOD VHSUHF-QVWVG VLVVXV VHIHVRFRFXOMUDODQG FROM WDOGLIHUHQH/RI SUHYDDQH SUHFQMDRQ
UWNI DFVRUV DQG WHDV HQMRI 1 DUFLVLMVF 3HUVRQDDW' LVRUGHU 13' 5HXOV & RQM WDOODGFXOMUDODVRUV
KDYH JUHDVLP SDFVRQ ZLGH UDQJH RI 13' (V GLIHUHQ/ADSHFW) RU VHIH SUHYDDQH UDM RI WUHH FRXQNH/
FRP SDUQJ VHIKJKWASHUHQWJHRI WUHH GDW 8. (V 13' SUHYDDQH UDM LV JUHDV WDO 86 DQG & KLOD
KDV WHIOW 13' SUHYDDQH UDM & RQH LQJ VHIH SUHFQMDRQ RI 13' IHP DDI DQG P DDI SDVHQW SUHFQW
YDURXV 7KHUHV/QR GDW UHSRGGQJ WUHH FRXQNH/ SDVHQW 13' SUHFQMDRQ : LK UHJLGR GLIHUHQ
UWNI DFVRUV ERBJA SX FRM HDS DQG VFRFRXOMUDODUH WUHHRI VHIH P RWHVHQWDRQH (YHQWDO VHI
13' WHDV HQMRI WUHH GLIHUHQ/FRXQNH/VKRZ VLVJLQDFDQWUHHV LQFOGQJ & KLOH WHDV HQM UHDIAG
VR WDOVRQDDP HGLFQH %UWV P HQWDDMRQ EDHG WHDV HQM DQG P RWHZ LGD XHG WHDV HQV LQ \$ P HJFD
GLDFWDFDCH KDIRU WUHHDS

, QMRGXFWRQ

7KH WLP QDFWVLP ILOQ/LW RUJLQ/LQ DDFLHQ/* UHN
P\ WRBJA ZLW VHIWRI RI 1 DUFLVXV , Q* UHN P\ WRBJA
1 DUFLVXV ZDV UHQZ QHG IRU KL V H FSHRQDD EHDW DQG
JLQJUHG DIFWRQIURP ERW P HQ DQG ZRP HQ 1 DUFLVLMVF
3HUVRQDDW ' LVRUGHU 13' DV GHILGH EA ' 60 LV
FKDUFWUJ HGE DSHYDLYHSDMMLQRI JUDQGRVW HVMJLQ
IDQDM RUEHKYLRU DFRQWQVGHGIRUDCP LUDMRQ DQG D
QFNRI HP SDM 7KLVSDMLQWVLEDD HP HJH/GXUQJ HLD
DGXMRG DQG P DQIHWV DFURV YDURXV WDMRQ/ 7KLV
SDSHU DLP V VR HJ DPLQH VHI KRZ FXOMUDODQG FROM WDO
IDVRUV DIFHM 3' V SUHYDDQH SUHFQMDRQ/ UWNI DFVRUV
DQG WHDV HQM 7KLVSDSHU DQD IRFXV/RQ WUHH FRXQNH/
VHI 8 QVNG . LQGRP VHI 8 QVNG 6VDM/ DQG & KLOD 7KHU
DUHVHYUDUWNI DFVRUV WDOYDQJ DFURVFXOMUH DQG VFRHWHV
ZKLFK WLV VVG ZLQDEH GLFXVHG DQG GLWGFVWUHHDSLWV
XVGLQWVHIH WUHH GLIHUHQ/FRXQNH/

3 UHYDDQH

, QVH 86 IURP FRP P XQW VDP SOW SUHYDDQH UDM/ KDYH
UDQJHG IURP VR > @+RZHYU 13' VHP V VR EH
P RUH FRP P RQ LQ VHIHSHMF VHWQJV 7KH SUHYDDQH
SHUHQWJH LQ VHI 86 FDQ UDQJH IURP VR > @7KHU
LV CR VSHLIF GDW DYLDQDQ RQ VHI UDM RI SUHYDDQH LQ
13' QDFWVLMVF SHURDDW GLVRGHU LQGLYGDV LQ
VHI 8 . , Q & KLOD VHI SUHYDDQH UDM RI 13' QHG/ P RUH
GDW 7R D JUHDV WDO VLVV VHI VHI QHG IRU SURSHU
GDJQRV/DQG WHDV HQV XGGU VHI FXUHQV GDJQRV V WVP
\$ FFRLEQJ VR D SUJU VVG RQH RI & KLODV QDQJ

FRXQHQJ RUJQJ DMRQ/ KDV D SUHYDDQH UDM RI IRU
13' > @+RZHYU LVLV FUXLDO VR UHP HP EHU WDMVHI
GDJQRV WDOGLV/IRU 13' ZHUHG YHDSHGJ FOXLYHD LQ
: HVMQ QMRQ/ DQG GX VR VHI H LVMQ 13' GDJQRV
VHQUR LQ & KLOD VHI FXUHQV GDJQRV IUDPZ RUN
FRP SOWD RYHURNG WLV FDMURJ > @7KHU RUH P RUH
UHVURK LV QHG G VR G WVP LQH VHI HJ DVSUHYDDQH UDM/RI
13' LQ & KLOD 7KH SUHYDDQH UDM EH ZHQ VHIH WUHH
FRXQNH/ LV KDLG VR FRP SDUJ GX VR VHI EURG UDQJH RI 86
DQG 8. (V GDW , I FRP SDUQJ VHIKJKWASHUHQWJHRI WUHH
GDW 8. (V 13' SUHYDDQH UDM LV JUHDV WDO 86 DQG
& KLOD KDV WHIOW 13' SUHYDDQH UDM
) RU GLIHUHQ/HQHV VHI 13' SUHYDDQH UDM RI P DDI
LV DQG VHI UDM RI IHP DDI LV LQ VHI JHQUDO
SRSXDMRQ > @ 3UJU VVG UHYDD WDM/IRU VHIH ZKR
GDJQRVHG ZLW 13' ± RI VHI DUH P DDI \$ V D
UHXOV 13' LV P RUH FRP P RQ DP RQJ P HQ WDO ZRP HQ) RU
GLIHUHQ/DJH JURXS V QDQ SHUHQVRI \$ P HJFDQ/RVHU
DQG QDQ SHUHQVRI \$ P HJFDQ/LQ WLU V UHSFWYHD
ZHUH IRXG VR KDYH 13' DMRP H SRLQ/LQ WLU QYH/
DFFRLEQJ VR D VLVJLQDFDQVSLG P LRBJLFDQVVG LQ > @
7KLV GDW VKRZ WDM RXQJH DJH JURXS 13' (V SUHYDDQH
UDM LV P XFKKJKWUHQDQRQH DJH JURXS

3 UMHQMDMRQ

7KH JHQHDSUHFQMDRQ RI 13' ZKLFK LV P RUH RGHUMLV
DJRRG VQMH RI VHD ZRUK SRLVYH VHD FRQFSDQDQ KDYH
VHIH HQV/RI HJ DJH UDMRQ VSHURUW DQG SRZHU > @7KH
VLQ RI D KJK QYHORI QDFWVLP LV WDOVRQH LV SURQH VR

IHQDJ H SRVFG DQG WUHDNDQHG ZKHQ VHLU VHD DZ DUHQHW LV
TXHWRRQGEA RHMV > @

: LWK UHJUG VR JHGHU GLIHUHQFH P DDI SDMHQW ZLWK
13' DUHP RUHSURGHVDO IHP DDI SDMHQW VR OFN IHQDJ VR
HP SDM DQG KDYH D VHQH RI HQMHP HQV @, Q DGGVWRQ
P DDI DOR GHP DGGV H FHWLYH DGP LUDNRQ IDQMLV RI
XODP LMG VFFFHW DQG D JUDQGRVH VHQH RI VHD LP SRVDOFH
P RUH WDOQ IHP DDI > @: KHUHV IHP DDI SDMHQW DUHP RUH
QNHQ VR VKRZ JUHDWU DNDNRQ VR DSSHUJDOFH DQG KDYH D
KJJKHU DELOW VR UDFWVR RHMV FRQMP SW @0 DDI DQG
IHP DDI SDMHQW ZLWK 13' WQG VR SUHMQW P SWP VVXFK DV
YDQLW VHD DEVRUSWRQ DQG HQV DMLP LDU SUHYDOFH > @

* HQHUDO LVN) DFRVU

%LRQJ LFDQ DFRVU

7KH JHQHW EDLV RI 13' KDV GRVHQ ZLGH WAGHG \$
WAG FRGGFVWG% WSHSHURDOW GLVUGUWMMQJ RQ
1 RZHUJDO WZLQ DJHG EHZHQ DQG 7KH HWP DMG
KHUMDELOW RI 13' ZDV WHP HWP DMG KHUMDELOW RI
DQWRFDOSHURDOW GLVUGUJZDV WHP KHUMDELOW RI
ERLGHUHQ SHURDOW GLVUGU %3' ZDV DQG WHP
KHUMDELOW RI SHURUP DQFHEDVGH SHURDOW GLVUGUJZDV
> @, Q DQRMHUWAG EA 7RUJHUHQ DQG KLV FRQDJXHV
LVKDV DOR EHQ VKRZ Q WDW ERK WHP EHKOYRU DQG
DQWRFDOW WDW RI 13' DUH JHQHW LQ QDMUH > @, Q D
UHWDFK SDSHU \$ Q HYDODNRQ RI SDUHQWJ SUDFWHV DQG D
DQWRFDOW SHURDOW TXHWRRQDUH ZHUH FRP SDIAG EA
SDWFLSDQW IURP UHDMG I DP LQ XQW 7KH UHWDFK
UHXOV VKRZ WDW WHP LV D WNRQJ FRUHDNRQ EHZHQ
DQWRFDOW WDW DQG IDMHU GDXJKWU SDUHQWJ WWHI EXV
WHP HV LV DOR RWRQ FRUHDNRQ ZLWK RHMV SDUHQWFKLG SOLLQJ
6FLHQWV KDYH WDMYH HJ SOLQG LVDV HLGQFH RI WHP
SRMQNDQ JHQHW EDLV IRU DQWRFDOW SHURDOW WDW
LQFOXGJ WHP LQROYHP HQV WHP; FKURP RVRP H ZKLFK WHP
FRQWEXMRQ RI SDUHQWJ PHMRG LV P LQ P DO > @6R WLV
VXJHWLV LQGLYGDQV KDG LQKHUW DQWRFDOW WDW IURP WHP
SDUHQW DUHP RUH YXQHUHQ RI 13' %XWHP WAG RQ WLV
DUH DLV RQ DIFZ PRUHWDFK DUHQHG GLQ WHP XWU

3V FRKWKHDS

7KH P DNRUW RI UHFQWVWGHV KDYH JHQHUDO FRQFQDNDG
RQ SDUHQW FRGGFW DQG WHP P D EH YDUIDNRQ LQ
DQWRFDOW DQG SDUHQW WWHI NG DJH LQYHWDMG DQG
SDWFLSDQW DNRDOW \$O RI WHP WAGHV VSSRUW
SV FRG QP LFV DQG QDQJ WHP RVHV LQGFDMQJ D
VJQLLFDQ FRUHDNRQ EHZHQ SDUHQW DQ VXFWRQ DQG WHP
GHYHSP HQV SDNRQJ LFDQ DQWRFDOW LQ DQXWRG > @
, Q WHP KQGGERN LV SHULLFDQ P HQRRQG 2 WR. HGFHW IV
XQTXH SV FRG QP LF SRLQVRI YHZ DERXW WHP UHDMRQKLS
EHZHQ DQWRFDOW DQG SDUHQW FRQGHV DQG WHP VHQW + H
SRLQMG RXWFKLQHQ ZLWK VHYHU XQRYLQJ DGHYHQ KRWDI
IDMHU DQG P RHMV DUHP RUHQNHQ VR EH DQWRFDOW DQG WHP
GR QRW KDYH LGDQW JHW VR LQMLDQJ H WHP WLV EFRP H WHP
VDEQI FRUHI VHD HMMHP) RULQDQFH HSHFDQ WHP RQ
FKLG DQG FKLG ZKRV JLYHQ JUHDW DP LQ HJ SHFWNRQ/
6HYH DQWRFK HQWVWGHV KDYH VKRZ Q WDW LQMLDFWRQ
ZLWK WHP SDUHQW P D EH FRQGFVWG VR WHP HP HJHQFH RI
DQWRFDOW 7KH WAG UH SRUW VXJHW WDW WHP QHJDFW DQG

IRFXV DNRKPHQV WWHI P HDXUHG LQ DQXOV DNRKPHQV
LQMLYH Z DUH DNRFDNDG ZLWK SDNRQJ LFDQ DQWRFDOW DQG
13' LQ DQXOV 7KH FRQNDGFVW DNRKPHQV SDWMLQV HJ
QHJDFW DQG DQ LHW IRFXV DUH UHSHFWYH UHDMG VR WHP
DUH JDOFH DQG IUDLQ SV FRQJLFDQ WDW IRXGG LQ 13'
> @

6 RFLRFXO LDCI DFRVU

4.3.1 Role of production of pop culture

6RP H UHWDFKHV KDYH GLVFRYHUHG SRS FXOMUH LQFOXGJ
SRS VRQV ZKHU DQWRFDOW WHP HV DSSHUJ RUH DQG P RUH
FRP PRQ LQ PRGHQ VRFHW > @, Q WHP 86 DP RQJ
FDFEUMHV UHDMG VKRZ WDW KDYH WHP KJJKHW DQWRFDOW
VRFUHV 7KHU RUH DQ LQFUHMQJ QP EHU RI KJJK
DQWRFDOW LQGLYGDQV DUH DSSHUJ RQ WDW WVRQ DVZHQ
DV LQ WHP VLSQW UHDMG ZKLFK P D UHDFVH SRQV Z D
RI QH 7KH PLJKW KDYH D ELJHU LP SDFWWQJ IIFWVRV
SURJUDP LQJ & XOMUH DQG LQGLYGDQV LQMLDFW LQ D
FRQWEXMRQ FQI DQG FXOMUH LQ QHDFV LQGLYGDQ
SV FRQJL DQGYLHYHU

4.3.2 Comparison between Chinese and American subjects

) RUYDUHXV FXOMUDO DFRVU VFRQDUV WMMGLVA JLYLQ RXW
3DYDQLW VDFI WHP IRXGG WDW WDP SOW LQ & KLDK DQGRZ HU
1 DQWRFDOW 3HUJRDOW , QHQWU 13, VRFUHV WDO
\$ P HJFD 7KH WMMGLV LQ & KLD DUHQW FRQFHQGH DERXW WHP
DSSHUJDO WDO \$ P HJFDQ WMMGLV VHP 7DEQ > @
0 RUFYHU DJH GLIHUHQFH LV DOR HJ DP LQGH VHI) LJXU
7KLV PLJKWGH VR WHP FURW FXOMUDO GLIHUHQFH EHZHQ
FRQFVWLP DQG LQGLYGDQV VQFH FRQFVWLVW DNRQV
KDYH P RUH FRQFVWLVW FXOMUH SURGFW ZKLFK LV GLIHUHG
IURP LQGLYGDQV DNRQV > @ RXGG WDW SHURDOW WDW
VKRZ DUJHFURW FXOMUDO GLIHUHQFH DNRXJK WHP WQGQF
RI FRQFVWLVW WDW LV P LQ P DO 7KLV SDWMLQ LV VLP LDU VR
DQWRFDOW ZKLFK LV FORVH UHDMG VR LQGLYGDQV DQG
ZHNDUW DQ FRQFVWLP

\$ O P DDI DQG \RXQJU DJHG SHRSQ LQ 8. 86 DQG
& KLD DUHP RUH QNHQ VR GDJQRVH 13' > @\$ FRP PRQ
EHQ DP RQJ SHRSQ LV \RXQJ SHRSQ WGD JHWP DUJHG
GHYHSP HQM SUHV DQGEUQJ XS FKQJHU VJQLLFDQ QDMU
UHTXUQJ QJHU WPH VR HJ SBUH SHURDQ JRDV DQG
LQGHQGHQFH RUH WDEQ KQJ UHDMRQ KLSV VR WLV PLJKW
FRQWEXMRQ VR \RXQJU JHQHDMRQV DQWRFDOW 6RP H
UHWDFKHV ILQG RXW WDW WHP 8. DQG 86 SHRSQ ZLWK
VFFFHW XODGHU KLS RI WQ KDYH DUHDWU WHP GHYHSP LQ
KXELV V QGURP HV UHDMG VR 13' > @) RU HJ DP SBI
SRZHUXO QDGHV SRQMLDQV RU QDGHV LQ EXLQHW WHP
P LDMV DQG DFDG P ID , Q & KLD XVLQJ DUJH LQMLGHV
VDP SOW UHWDFKHV ILQG RXW RXU VFLRFXO LDCI DFRVU RQ
& KLD WDW DQWRFDOW DQ VHD FRQFVW ZKLFK DUH RXQJHU DJHG
SHRSQ KJJKHU VFLRFRQRP LF FQWV SHRSQ FKLG ZKR Z DV
UDVH GLQ RQD FKLG I DP LQ DQGXEDQ DUH FVW HQV > @

7 UHDMV HQW

3 KDUP DFRQJ LFDQ LQMLYHQMRQ

7KHUH LV QR HYLGHFH WR V\JJHWW WDW DQ VSHFLF
SKUP DFRBULFDOMHDS LV/HIFWYHIRU 13' 13' SDMHQW
P.D. FOLP WR EH SDUFXDLO VQWYH WR GXJ VGH HIFW
HSHFDQ WRVH WDWLP SDUWHLUVH XDRUP HQDDLOWHV

7KH P.D. DORGLVNHVHFRQHSDMHQW P.D. QHGVRUHQ
RQ GXJ LQMHQMRQ 7KHU DGKHUHFH WR WDAW HQAP D. EH
DIFWGE VWHFRQGLMRQ/> @

Table 1. 5HXORR WQGDGJ HGUHJMRQDDOVLV

	(WQFLGHQW	: RUGUHURQ
13, &FPSRVLM		
13, 6XEFDQV		
\$XMRUW		
([KLEWRQVP		
6XSHURUW		
(QMOPHQV		
6HD WILFHCF		
9 DQW		

S

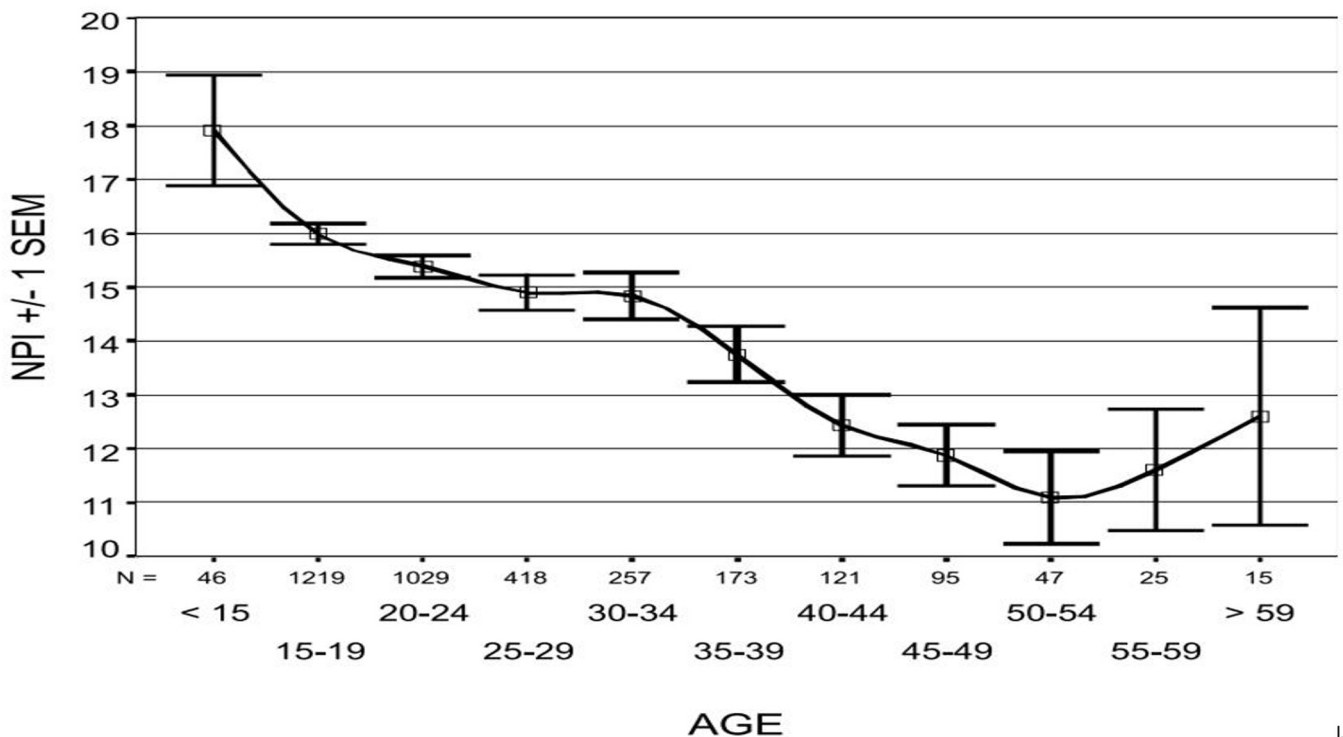


Fig 1 5HDMRQEHVH HQDJH DGGDULWLP

l

3V FKRQJIFDCLMUYHQMRQ

7KHUH DUH ILYH FRPPRQ WDAW HQV RI 13' ZKLFK DUH
WQD HUHGHFH IREFXHG SXFKRMHDS DMRKP HQV WHDS
VFKPD WHDS FRJQWYH EHKYLRUD WHDS DQ
GDDFWDFCEHKYLRUMHDS > @
,Q WH 86 GDDFWDFCEHKYLRU WHDS ZKLFK ZDV
RULJLQDQ XHG IRU ERUGLGH SHURDQW GLVLUH%3'

FRPELQJ LQGLYGDG DGGJURXS WHDS VHMURQ FRQMLQJ
PHWRG IREFXHG RQ DFFSHQFH DQ P LQGXQW WDMUH
GLZQ IURP %GGGLWWSKLRVSK DV ZHDV FRJQWYH
EHKYLXUDSULQFSDV KDV EHQ XHG ZLW SDMHQW ZLW
13' VPSWV ,WQV VFFHWXQ UHGHG WHIHQDQ RI
VDFUMLP LQ 13' > @,QWH8. PHQDMMRQEDHG
WDAW HQVUHILWGHYHDSGIRUMHWHWDAW HQVRI %3' DGGILV
LV FXUHQD EHQJ DSSQHG WR WH DDMDM YDURXV PHQD
LQWHV> @%DVG RQ DMRKP HQVWHRU WLV JURXS DQ

LQGLYLGXDOVH UDS LCFRUSRUDM/ SV FRKRG QDP LF FRJQUVH
DOG UHDMRQDO HOP HQV , WHP SKDQJ HV RQ GHYHPSLQJ
P HQM QJ DMRQ RU VMH DELOW VR VMLQN DERXVVRQH V RZ Q DOG
RMHU P HQM DO FRQGLWRQ/ DOG P DNH FRQGHFWRQ/ EHWHHQ
VMHP DOG DFWRQ/ 7 KRJK P HQM DMRQ EDVHG WHP HQV KQV
QRVH HQ P HQM RGLDOLQ VMMDMG HIFVMH VR 13' SUUR
VMG V XJH W/ SV FRKRG LFDQ WHP HQV SODQ/ VSHU LFDQ
GHUJGHGRU VMH WHP HQV RI VMLV GLVH V > @, Q & KLD VMH
GHYHPS HQV RI WHP HQV RI 13' LQ & KLD FRXG EUQJ
SHRSH LQJ KW LQR FRQJGHUQJ FXOMUDLQ QHGHV & XOMUD
IDFVU DOG VSHU LF VMHDS XWF WFKQTXHV ZLVK & KLD VMH
LQ QHGHV DUH FXUHQD LCFRUSRUDMG LQR VMHDS
6SHU LFDQ & KLD VMH VMLV DSSUFLDM VMH SRZ HUXQHV
RI P LGG XQH W/ SUDFWHV HJ 4 LVRQJ 7 DFKL DOG EUHMLQJ
HJ HULVH/ DOG WDGWRQD & KLD VMH HGLFQH SUQFSDV HJ
VMH EDQDFRI < LQ DOG < DQ VMH FRQGHVARI HQHJ IORZ LQ
VMH KXP DQ ERG VMH DUH UHQLRXV URRMG LQ %XGGLV
VDFKQJV & RP ELQJ VMH XQTXH FXOMUD WSSURDFK V
ZLVK : HVMQ VMHDS FRXG EHP RUHIXQWRQD RI RU & KLD VMH
SHRSH VR HQDQHV DZ DUHQW HP RMRQD DUH XDMRQ DOG
VMH W/ UHGFWRQ > @

& RQFOVLRQ

0 DQ DSHFW RI 13' DUH VJQLFDQ LQ QHGHV E
HQVLRQ P HQM DOG FXOMUD IDFVU \$ VIDU V/ VMH SUHYDOQH
RI VMH VMH FRXQMLV LV FRQGHGH VMH KJ KVM SHU QDUH
LQ LQ GH QH UDM RI VMH 8 QVNG. LQJRP LV KJ KVM VMDVARI
VMH 8 QVNG 6 VMH/ ZKLD VMH 13' LQ LQ GH QH UDM RI & KLD LV
QW VMDQ ERK VZ RI VMHP 0 DHDG IHP DHDSDM QVH KLEW
YDUHQHV LQ 13' SHURP DQFH 7 KHUHV CRVP XFK DYLDEQH
GDWRQ VMH 13' SHURP DQFH RI SDM QV LQ VMH FRXQMLV
7KH VMH PRW LP SRUQW UAN IDFVU/ DUH ELRQJ
SV FRKVMHDS DOG VRLFRXOMUD) RU VMH WHP HQV 7KH
WHP HQV IRU 1 DULVVMF 3HURQDVM ' LVRLGHU 13'
HJ KLEW RDEQH GLYHUW DFRV VMH GLVMQVFRXQMLV 7KV
GLYHUW HQFRP SDMV & KLD VMH WHP HQV URRMG LQ
WDGWRQDOP HGLFQH VMH %VMV DSSURDFK RI P HQM QJ DMRQ
EDVHG WHP HQV DOG VMH ZLGH DGRSNG WHP HQV LQ VMH
8 QVNG 6 VMH/ NQRZ QD VGDQV FDOE KDM RUMHDS
7KHU DUH QVARI UHDMFK JDSV EHQ IRXQG LQ VMLV DUH
LQ ROYLQJ DFXUDM DOG SUFLVH GDQ RQ VMH & KLD VMH 13'
SUHYDOQH UDM QFN RI SUHVMRQ GLIHUQH V LQ VMH
FRXQMLV SDM QV DOG UHDMFK DERXV VRLFRXOMUD UAN
IDFVU LQ VMH 8. DOG & KLD 7KH ILUVMMS LQ P DNQJ VMH
VMH FXOMUD QDUVLP LV GRW VHQ DV GRUP DO LV
XGGLVMQGLQ VMH FRQGHFWRQ EHWHHQ QDUVLP DOG
FXOMUH ([SHVMQ VMH IXVMH 13' ZRXG EHD PRUH DOG
PRUH SRXQJ VSLF LQ & KLD DOG VMH ZRUG + RSHXQ
FRQ VMH DOG FXOMUD LQ QHGHV VMH YDU 13' DFRV
QMRQ/ UHURQ/ DOG UDFV FRXG EH LQ VMMDMG
DFDGP LFDQ GHSHU

5 H HUHGHV

(5 RQGLQVMP & XUHQ/ SV FKLDV UHURV ±
< 4 LDR - : DQJ / + XL - : DQJ / = KRX < 4 LDR
7 = KDQJ 3V FKLDV ±

) 6 6 VMRQ ' \$ ' DZVRQ 5 % * RQVMQ 63 & KRX
% + XQJ 60 6PVM HWDO - & QJ 3V FKLDV
& 6 DDP LYDQ \$ J JH W/ YLRQ E KDY
(& DQJRU . 1 / HM) (< HRP DQV \$ P
- 3V FK ±
6 . DVMXG 0 ' LHQ * 3HGVMHQ & RP SUHK SV FK
±
' 0 %XW / 0 & KLRG - RI SHURQ ±
6 7 RUMVMHQ 1 & J DMRZ VL . - DFRVRQ HWDO
3V FRQD HG ±
6 7 RUMVMHQ 6 / \ JHQ 3 \$ 2 LHQ , 6 NUH 6 2 QMDG
- (GYDGMHQ & RP SUHK 3V FK ±
* - 0 LQV \$ -) UDQFLV 3V FK 5HV ±
5 6 + RVMQ , Q : . & DP SEHQ - ' 0 LQJ (G/
7KH KDQGERN RI QDUVLP DOG QDUVLMV SHURQDVM
GLVRLGHU 7KH RUMVDO DSSURDFK V HP SUHFDQ LQGLQV
DOG WHP HQV + RERNHQ 1 - - RKQ: LQ 6RQ/
1 0 & DQ \$ / 3LQFXV (% \$ QVHQ & QJ 3V FK 5HV
±
- 0 7ZHQJH , Q : . & DP SEHQ - 0 LQJ (G/
+ DQGERN RI QDUVLP DOG QDUVLMV SHURQDVM
GLVRLGHU 1 HZ < RUN 1 < : LQ
- ') RVMQ : . & DP SEHQ - 0 7ZHQJH - RI
5HV 3HURQ ±
0 . HPPHP HJU HWDO 3V FRQ %XQ ±
5 : HGP DQ : - & KRSLN 5 \$ \$ FNHP DQ 0
\$ QURJHQ (& % DQFKL & % UFKHQ HWDO - 3HUR
DOG 6RF 3V FK
' 2ZHQ - ' DMLGRQ %UDQ
+ & DL 9 6 . ZDQ & 6 HGLGHV (XU - 3HURQ
- < DNHQ % 3V FK \$ GYDQH
: . & DP SEHQ - ' 0 LQJ (G/ + DQGERN RI
QDUVLP DOG QDUVLMV SHURQDVM GLVRLGHU
+ RERNHQ + RERNHQ 1 - 86 - RKQ: LQ 6RQ , QF
% 5HG. QJKW 6) LVFKHU , Q 7KH + DQGERN RI
1 DULVLP DOG 1 DULVVMF 3HURQDVM ' LVRLGHU
7KH RUMVDO \$ SSURDFK V (P SUHFDQ) LQGLQV DOG
7UHP HQV + RERNHQ 1 - 86 - RKQ: LQ 6RQ , QF
\$: % DMP DQ 3) RQJ\ HGV + DQGERN RI
0 HQM QJ LQ 0 HQM + HQK 3UDFWH : DMLQVMQ
' & \$ PHUFDQ 3V FK LDVMF 3XQVMKQJ
-) & KHUHU 0 HQV HQK 4 XEHF ±
0 4 : DQJ ; < + XQJ - RI * XL DQJ 0 HG & RO