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ZRUN WR EH GRQH DUH QRW RQO\ ORVW
VHHPLQJO\ WR VRPH GH JU HJH DQMR\ HMDLW
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WKRQH\ SDVW\ HDU\ 6HYHQWHHQ UHFHLYHG S
GHVW\ WKRQH\ WKRQH\ WKRQH\ WKRQH\ WKRQH
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SDQHO RQ ELRGHIHQVH \\$ 1DWLRQDO %OXHSULQW\ WKRQH\ WKRQH\ WKRQH\ WKRQH
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6WDWHA\ WKRQH\ FRQYRNHG WKRQH FROODERUDWLRQ\ RTRWKRQH\ H[HPFXWPLQH\ *DWHV U
EUDQFK OHJLVODWLYH EUDQFK DQG VPFWRUV\ R\ WKRQH\ WKRQH\ WKRQH\ WKRQH\ WKRQH
H SDVW\ HDU DORQH ERUH ZLWQHVV WR WKRQH\ WKRQH\ WKRQH\ WKRQH\ WKRQH
UHVROXWLRQ RI WKRQH (EROD FULVLV ,Q 'HFHPEHU D IROORZ XS UHSRUW
WLW\ WKRQH\ WKRQH\ WKRQH\ WKRQH\ WKRQH
(vRUWR\ 'HIHQG WKRQH\ WKRQH\ WKRQH\ WKRQH\ WKRQH
FRSHOOLQJ HYLGHQFH WKDW PXFK ZRUN UHPDLQV WR EH GRQH ,Q OLJKW RI
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FRQ}U\ WKRQH\ LQ WKRQH DERYH 2QH <HDU /DWHU 5HSRUW > @
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<HDU /DWHU 5HSRUW UHYHDOV WKDW WKRQH SHULOV RI RXU ZRUOG DUH VWHDGL
LQFUHDVLQJ LQ FRPSOH[LW\ GXH WR HYROYLQJ WKUHDWV DQG WKRQH FRQWLQXLQ
DGYDQFHPHQW RH W\ WKRQH\ WKRQH\ WKRQH\ WKRQH\ WKRQH
LPSURYH\ PHQWV KDYH DYDLOHG QHZ WHFKQRORJLHV WR KDUPIXO DFWRUV WKDW
PDUN WKLV DV DQ LQFUHDVLQJ GDQJHU DUJXDEO\ HYHQ LQ FRPSDULVRQ WR
RWKRUH ZHDSRQV RI PDVV GHVWUXFWLRQ :KLOH \\$ 1DWLRQDO %OXHSULQW IRU

*OREO +HDOWK 6HFXULW\ DQG %LVRG BFRQVHG HDUQ H\ DLP B\ RQD B\ Q6M\ FWWURQ\ FKDO
SRVLWLRQ > @ :KLOH WKH XUJHQF\ W\ R\ v\ R\ D\ H\ F\ W\ H\ M\ K\ D\ Q\ H\ S\ X\ J\ R\ M\ W\ \O\ H\ G\ H\ S\ V\ L\ Q\ Q\ W\ K\ %OXHSULQW LV H\ M\ R\ L\ O\ W\ F\ I\ O\ R\ A\ X\ H\ U\ O\ S\ H\ F\ R\ D\ F\ R\ L\ G\ R\ O\ O\ D\ W\ H\ W\ K\ H\ Z\ K\ R\ O\ H\ R\ I\ E\ L\ R\ G\ H\ I\ H\ Q\ V\ H\ J\ R\ Y\ H\ U\ Q\ D\ Q\ F\ H\ E\ D\ U\ U\ L\ H\ U\ V\ W\ R\ L\ P\ S\ O\ P\ H\ Q\ W\ D\ F\ W\ L\ R\ Q\ L\ H\ R\ Q\ H\ \H\ D\ U\ R\ U\ O\ H\ V\ V\ E\ X\ W\)X\ Q\ G\ D\ P\ H\ Q\ W\ D\ O\ O\ W\ K\ H\ 1\ D\ W\ L\ R\ Q\ D\ O\ %O\ X\ H\ S\ U\ L\ Q\ W\ L\ O\ W\ F\ R\ D\ Q\ O\ G\ U\ L\ O\ O\ I\ X\ U\ W\ K\ H\ G\ R\ Z\ O\ W\ R\ P\ R\ H\ V\ E\ L\ R\ S\ U\ H\ S\ D\ U\ H\ G\ Q\ H\ V\ V\ V\ W\ U\ D\ W\ H\ J\ W\ D\ F\ W\ L\ F\ V\ D\ Q\ G\ O\ R\ J\ L\ A\ W\ L\ F\ V\ *LY\ H\ Q\ L\ W\ V\ W\ R\ S\ G\ R\ D\ S\ S\ U\ R\ D\ F\ K\ D\ Q\ G\ F\ R\ Q\ V\ L\ G\ H\ U\ L\ Q\ J\ W\ K\ D\ W\ W\ K\ H\ S\ A\ H\ D\ L\ P\ O\ D\ W\ H\ M\ U\ D\ O\ W\ X\ W\ M\ M\ U\ D\ O\ W\ I\ R\ I\ C\ E\ B\ \B\ P\ %Q\ G\ H\ D\ S\ A\ U\ L\ R\ Q\ Z\ H\ U\ H\ Q\ R\ W\ L\ P\ S\ O\ P\ H\ Q\ W\ H\ G\ L\ W\ L\ V\ Q\ R\ V\ X\ W\ K\ H\ U\ L\ E\ V\ L\ H\ R\ G\ H\ K\ I\ B\ I\ Q\ V\ H\ R\ M\ K\ I\ R\ X\ H\ Q\ S\ G\ R\ S\ M\ K\ H\ D\ V\ L\ O\ W\ R\ Q\ H\ R\ V\ H\ O\ W\ W\ O\ H\ P\ R\ U\ H\ W\ K\ D\ Q\ D\ O\ D\ X\ Q\ G\ U\ H\ O\ I\ R\ V\ X\ W\ R\ K\ Q\ Q\ B\ W\ D\ A\ H\ Q\ G\ W\ G\ H\ L\ Q\ D\ I\ G\ L\ H\ O\ T\ K\ D\ M\ F\ K\ L\ H\ V\ 2\ Q\ H\ <%OXHSULQW F\ I\ R\ U\ W\ H\ O\ G\ W\ O\ I\ U\ R\ P\ Y\ L\ V\ X\ D\ O\ W\ H\ R\ S\ U\ D\ H\ F\ W\ H\ L\ Q\ R\ Q\ D\ Z\ K\ L\ R\ F\ O\ K\ R\ X\ W\ I\ O\ H\ D\ G\ H\ U\ V\ D\ Q\ G\ K\ H\ R\ U\ J\ D\ Q\ L\]D\ W\ L\ R\ Q\ D\ O\ P\ R\ G\ H\ O\ L\ W\ H\ Q\ Y\ L\ V\ L\ R\ Q\ F\ R\ I\ R\ Q\ L\ L\ J\ F\ D\ D\ Q\ W\ W\ V\ R\ I\ Q\ J\ 3\ B\ R\ W\ H\ F\ M\ K\ H\ L\ Q\ H\ B\ R\ K\ E\ R\ S\ P\ R\ S\ I\ X\ Q\ G\ D\ H\ D\ F\ W\ L\ R\ Q\ L\ W\ H\ P\ V\ :KLOH W\ K\ H\ %O\ X\ H\ S\ U\ L\ Q\ W\ Q\ O\ I\ R\ X\ Q\ G\ D\ S\ V\ H\ L\ Q\ Q\ D\ I\ E\ V\ H\ H\ E\ H\ S\ W\ I\ P\ R\ R\ B\ V\ B\ G\ Q\ R\ Q\ H\ H\ [H\ F\ X\ W\ L\ Y\ H\ E\ U\ D\ Q\ F\ K\ 2\ y\ F\ B\ B\ W\ L\ W\ K\ B\ D\ Q\ L\ O\ F\ H\ W\ K\ U\ H\ V\ L\ G\ H\ Q\ W\ F\ R\ Q\ V\ L\ G\ H\ U\ D\ E\ O\ H\ F\ R\ O\ O\ D\ E\ R\ U\ D\ W\ L\ R\ Q\ E\ H\ W\ Z\ H\ P\ Y\ H\ Q\ F\ X\ M\ E\ U\ D\ Q\ F\ K\ H\ V\ R\ I\ J\ R\ Y\ H\ U\ Q\ P\ H\ Q\ W\ U\ H\ T\ X\ L\ U\ H\ G\ V\ R\ X\ W\ M\ K\ R\ U\ H\ O\ G\ V\ M\ J\ U\ H\ O\ D\ P\ B\ Z\ R\ U\ N\ V\ X\ F\ K\ W\ K\ D\ W\ R\ W\ K\ H\ U\ E\ L\ R\ S\ H\ H\ S\ D\ W\ H\ G\ Q\ H\ R\ W\ G\ G\ H\ U\ D\ U\ O\ L\ H\ U\ H\ F\ R\ P\ P\ H\ Q\ G\ D\ W\ L\ R\ Q\ V\ Q\ R\ W\ E\ H\ D\ F\ W\ H\ G\ X\ S\ R\ Q\)R\ U\ P\ D\ W\ Z\ L\ V\ H\ W\ K\ H\ %O\ X\ H\ S\ U\ L\ Q\ W\ H\ Q\ X\ P\ H\ U\ D\ W\ H\ V\ W\ D\ V\ N\ V\ D\ Q\ G\ J\ R\ D\ O\ V\ Z\ L\ W\ K\ E\ U\ H\ I\ M\ X\ V\ W\ L\ }F\ D\ W\ E\ R\ Q\ M\ N\ O\ L\ V\ W\ D\ S\ S\ U\ R\ D\ F\ K\ K\ D\ V\ D\ G\ Y\ D\ Q\ W\ D\ J\ H\ V\ L\ Q\ U\ H\ D\ G\ L\ O\ \ L\ G\ H\ Q\ W\ L\ I\ L\ Q\ J\ S\ U\ R\ J\ U\ H\ V\ V\ W\ R\ Z\ D\ U\ G\ V\ H\ W\ J\ R\ D\ O\ V\ E\ X\ W\ P\ D\ \ R\ Y\ H\ U\ O\ R\ R\ N\ Q\ X\ D\ Q\ F\ H\ V\ :K\ H\ W\ K\ H\ U\ V\ L\ P\ X\ O\ W\ D\ Q\ H\ R\ X\ V\ O\ W\ D\ F\ N\ O\ L\ Q\ J\ W\ K\ L\ U\ W\ \ W\ K\ U\ H\ H\ U\ H\ F\ R\ P\ P\ H\ Q\ G\ D\ W\ L\ R\ Q\ V\ L\ V\ R\ Y\ H\ U\ O\ \ D\ P\ E\ L\ W\ L\ R\ X\ V\ R\ U\ F\ D\ Q\ E\ H\ H\ X\ E\ W\ H\ K\ H\ W\ S\ U\ L\ R\ U\ L\ W\ L\]H\ G\ I\ R\ U\ P\ R\ U\ H\ H\ [H\ F\ X\ W\ L\ R\ Q\ F\ H\ U\ W\ D\ L\ Q\ O\ U\ H\ P\ D\ L\ Q\ V\ D\ Q\ L\ V\ V\ X\ H\ I\ R\ U\ I\ X\ W\ X\ U\ H\ G\ L\ V\ F\ X\ V\ V\ L\ R\ Q\ :KLOH W\ K\ H\ %O\ X\ H\ S\ U\ L\ Q\ W\ V\ H\ U\ Y\ H\ V\ D\ V\ D\ Q\ H\ [F\ H\ O\ O\ H\ Q\ W\ U\ H\ I\ H\ U\ H\ Q\ F\ H\ W\ K\ H\ 2\ Q\ H\ <\H\ D\ U\ 5\ H\ S\ R\ U\ W\ Q\ H\ H\ W\ R\ F\ R\ Q\ F\ H\ G\ H\ W\ K\ D\ W\ V\ R\ P\ H\ U\ H\ F\ R\ P\ P\ H\ Q\ G\ D\ W\ L\ R\ Q\ V\ L\ Q\ W\ K\ H\ %O\ X\ H\ S\ U\ L\ Q\ W\ I\ D\ F\ H