

## 8051 Assembly language problems

<p>A)mov a, #0aah rl a setb c rrc a</p> <p>a = _____</p>	<p>B)mov R1, #0h mov a, #5h mov l, a mov a, R1</p> <p>a = _____</p>	<p>C)mov R7, #0ffh mov R1, #7 mov a, @R1</p> <p>a = _____</p>
<p>D) mov a, #22h mov 5, a inc 5 add a, R5</p> <p>a = _____</p>	<p>E) mov a, #45h mov b, #0a4h xch a, b swap a</p> <p>a = _____</p>	<p>F) mov a, #0ffh mov R5, #0aah xrl a, R5 cpl a</p> <p>a = _____</p>
<p>G)       mov a, #55h       mov R7, #8 LP1: rlc a       xch a, 0f0h       rrc a       xch a, 0f0h       djnz R7, LP1       xch a, 0F0h</p> <p>a = _____</p>	<p>H)clr c       mov a, 81h       orl c, ACC.7       mov a, #0       rlc a</p> <p>a = _____</p>	<p>I)mov a, #2       mov b, #8       mul ab</p> <p>a = _____</p>
<p>J)       mov a, #33h       Top:rlc a       jnc Top</p> <p>a=_____</p>	<p>K)       mov R1, #80h       Lp:dec R1       mov a, 1       jnz Lp</p> <p>a = _____</p>	<p>L)       mov R7, #8       clr c       Lp2:rlc a       djnz R7, Lp2</p> <p>a = _____</p>