

D Assessment Module-1 2, 8(a)(c), 10(h), 20(a), 34

2 C  $\rightarrow$  This is a proposition that is false  
 E  $\rightarrow$  This is a proposition that is false

8 A) True, phone B has 288MB RAM which is the most

C) False because resolution is larger in phone A

10 H) I did not buy a lottery ticket this week, or I bought a lottery ticket and won million dollar jackpot

20 C) False, since p is true & q is false the statement is false.

34 C)

p	q	$(p \vee q)$	$p \oplus (p \vee q)$
T	T	T	F
T	F	T	F
F	T	T	T
F	F	F	F

48 B)  $(01111 \wedge 10101) = 00101$

$00101 \vee 01000 = \boxed{01101}$

16 A)  $r \wedge \neg q$