

Dept. of physics
Deegloor College, Deegloor

Practice MCQ.
B.Sc T.Y. SEM-VI - Paper - IV - A

1. Base of decimal number system is
a) 8 b) 2 c) 16 d) 10
2. The position value of ^{digit} in 4789 in decimal number system is
a) 7000 b) 700 c) 789 d) None.
3. Binary number system uses digits
a) 10 ~~digit~~ b) 8 c) 2 d) 1
4. The voltage level +5v in binary number system is
a) 1 b) 0 c) 5 d) -5
5. Base of binary number system is
a) 8 b) 2 c) 10 d) 16
6. In binary number system, weight of higher position increases by power of
a) Two b) Ten c) sixteen d) Eight
7. Decimal 7 ~~is~~ ~~not~~ ~~is~~ in its binary equivalent is
a) 0111 b) 0101 c) 1001 d) 1110
8. $(1100)_2 = (8)_{10}$
a) 11 b) 8 c) 10 d) 12
9. 1's complement of 0110 is
a) 0110 b) 1010 c) 1001 d) 1000
10. Base of octal number system is
a) 8 b) 16 c) 2 d) 10