



WORKSHEET – 13 TOPIC – DATA REPRESENTATION

SUBJECT: COMPUTER APPLICATION
F.M.:15

CLASS: XI
DATE: 02.07.2020

➤ Choose the correct option:

(1X15=15)

1) $(100101)_2$ to its decimal equivalent gives:

- (a) 63 (b) 73 (c) 36 (d) 37

2) $(45)_8$ to its decimal equivalent gives:

- (a) 63 (b) 73 (c) 36 (d) 37

3) $(176)_8$ to its decimal equivalent gives:

- (a) 123 (b) 126 (c) 162 (d) 127

4) $(13254)_8$ to its decimal equivalent gives:

- (a) 5804 (b) 5084 (c) 5408 (d) 5480

5) $(7E)_{16}$ to its decimal equivalent gives:

- (a) 123 (b) 126 (c) 162 (d) 127

6) $(9C5A)_{16}$ to its decimal equivalent gives:

- (a) 40026 (b) 40027 (c) 40062 (d) 40063

7) $(25)_{16}$ to its decimal equivalent gives:

- (a) 63 (b) 73 (c) 36 (d) 37

8) $(77)_8$ to its decimal equivalent gives:

- (a) 63 (b) 73 (c) 36 (d) 37

9) $(1011)_2$ to its decimal equivalent gives:

- (a) 11 (b) 12 (c) 13 (d) 14

10) $(11001)_2$ to its decimal equivalent gives:

- (a) 25 (b) 52 (c) 26 (d) 62

11) $(FB)_{16}$ to its decimal equivalent gives:

- (a) 159 (b) 250 (c) 118 (d) 251

12) The binary equivalent of $(17)_{10}$ is:

- (a) 10101 (b) 10001 (c) 10111 (d) 11001

13) $(10011)_2$ to its decimal equivalent gives:

- (a) 19 (b) 20 (c) 18 (d) 21

14) $(177)_8$ to its decimal equivalent gives:

- (a) 107 (b) 117 (c) 127 (d) 137

15) $(1111110)_2$ to its decimal equivalent gives:

- (a) 124 (b) 125 (c) 126 (d) 127

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