



WORKSHEET – 11 TOPIC – DATA REPRESENTATION

SUBJECT: COMPUTER APPLICATION
F.M.:15

CLASS: XI
DATE: 30.06.2020

➤ Choose the correct option:

(1X15=15)

- 1) In this number system, various different symbols are used to represent the numbers:
(a) positional (b) non-positional (c) octal (d) None of these
- 2) This indicates the number of different digits that are present in the number system:
(a) base (b) radix (c) both (a) & (b) (d) None of these
- 3) The number of digits in binary number system is:
(a) 2 (b) 10 (c) 8 (d) 16
- 4) The number of digits in octal number system is:
(a) 2 (b) 10 (c) 8 (d) 16
- 5) The number of digits in hexadecimal number system is:
(a) 2 (b) 10 (c) 8 (d) 16
- 6) The number of digits in decimal number system is:
(a) 2 (b) 10 (c) 8 (d) 16
- 7) The starting digit of hexadecimal number system is:
(a) 0 (b) 7 (c) 9 (d) F
- 8) The last digit of octal number system is:
(a) 0 (b) 7 (c) 9 (d) F
- 9) The base of decimal number system is:
(a) 2 (b) 10 (c) 8 (d) 16

10) The base of hexadecimal number system is:

- (a) 2 (b) 10 (c) 8 (d) 16

11) The base of octal number system is:

- (a) 2 (b) 10 (c) 8 (d) 16

12) The base of binary number system is:

- (a) 2 (b) 10 (c) 8 (d) 16

13) B represents _____ in hexadecimal:

- (a) 10 (b) 11 (c) 12 (d) 13

14) A number system having base 'n' has the numbers ranging from 0 to _____:

- (a) n (b) n+1 (c) n – 2 (d) n – 1

15) 14 is represented by this alphabet in hexadecimal:

- (a) B (b) C (c) D (d) E

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