



ANSWER KEY – 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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