

5. Which of the following is true?

- a. 1byte=4 bits
- b. 1 kb=1024bytes
- c. 1gb=1000bytes
- d. 1tb=1000gb

Ans- b. 1kb=1024 bytes

6. 11.75 in binary is-

- a. 1101.011
- b. 1011.10
- c. 1011.011
- d. 1011.11

Ans- d. 1011.11

7.  $(110)_2 - (101)_2$  is-

- a. 001
- b. 010
- c. 100
- d. 011

Ans- a.001

8. 2s compliment of the following binary number 1100100 is-

- a. 0011011
- b. 0011011
- c. 0011100
- d. none

Ans- c. 0011100

13. What is the most significant bit in the following  
1101101223

- a. 3
- b. 1
- c. 0
- d. none

Ans- d. none

14. If we have a number system with b number of symbols representing it, what is the base of the following number system?

- a. b
- b. a
- c. either
- d. none

Ans- a. b

15. Decimal number system range is-

- a. 1 to 10
- b. 0 to 10
- c. 0 to 9
- d. None

Ans- c. 0 to 9

### **Introduction to C-**

1. Which of the following doesn't come under primitive data types

- a. Struct
- b. Long Int
- c. Short Int
- d. Unsigned Int

Ans: a

- b. -32768
- c. -32767
- d. Error : 32769 is not in range of short int

Ans: c

6. The most basic requirement to create program in C:

- a. literals
- b. Tokens
- c. Characters
- d. None of the above

Ans: b

7. Which of following is an input function

- a. printf
- b. puts
- c. getch
- d. None of the above

Ans: c

8. Which of one of following format specifier denotes unsigned int

- a. %d
- b. %u
- c. %ld
- d. %lld

Ans: b

9. What does #include<stdio.h> mean?

- a. Header file
- b. Preprocessor directive
- c. Macros
- d. None of the above

Ans: b