

1. ALU

- a. Performs arithmetical and logical operations
- b. Control the operations of system
- c. Displays output
- d. None of these

2. The first generation computer used for internal operations.

- a. Vacuum tube
- b. Integrated circuit
- c. Transistor
- d. None of these

3. Joystick is a/an

- a. Output device
- b. Input device
- c. Memory Unit
- d. None of these

4. A nibble is a group of bits.

- a. 4
- b. 16
- c. 8
- d. 2

5. language is the 3rd generation programming language.

- a. Assembly
- b. Machine

- c. High Language
- d. None of these

6. PARAM and ANURAG are

- a. Mini computers
- b. Mainframe computers
- c. Supercomputers
- d. None of these

7. 80 in decimal is In octal.

- a. 80
- b. 120
- c. 10
- d. None of these

8. What is the one's complement form of -13?

- e. 11110010
- f. 1101001
- g. 00001101
- h. None of these

9. 92 in hexadecimal is in decimal.

- a. 5C
- b. 146
- c. 148
- d. None of these

10. Which of the following is not an operating system

software?

- a. MS-WORD
- b. MS-DOS
- c. UNIX
- d. None of these

11. is a virus program written to monitor actions on a computer.

- a. Spyware
- b. Worm
- c. Adware
- d. None of these

12. Class represents

- a. A group of files
- b. A group of similar objects
- c. A group of variables
- d. None of these

13. OOP supports

- a. Data Abstraction
- b. Inheritance
- c. Data Encapsulation
- d. All of these

14. C++ was developed by

- a. Bill Gates
- b. Bjarne Stroustrup
- c. Denis Ritchie

d. Elon Musk

15. Main () is a

- a. Literal
- b. Operator
- c. Function
- d. None of these

16. Structure is defined using a keyword

- a. structure
- b. enum
- c. struct
- d. none of these

17. 'A' is

- a. String literal
- b. Integer literal
- c. Character literal
- d. None of these

18. A set of relational operations is

- a. &&, ||, !
- b. +, -, /, *, %
- c. <, >, <=, >=, !=, ==
- d. None of these

19. Every C++ program must contain a Function.

- a. `import()`
- b. `get()`
- c. `clrscr()`
- d. `main()`

20. Evaluation of $x = ++y * 5$ (if $y = 10$) is

- a. 55
- b. 10
- c. 50
- d. None of these

21. Array, structure, class are

- a. Constant data types
- b. Fundamental data types
- c. Derived data types
- d. None of these

22. Size of `int` data type is

- a. 4 byte
- b. 1 byte
- c. 2 byte
- d. 8 byte

23. A pointer

- a. holds integer
- b. holds memory address
- c. holds real numbers
- d. none of these

24. An array is the collection of finite numbers of

- a. Character data element
- b. Similar data element
- c. Dissimilar data element
- d. None of these

25. Which of the following correctly declares an array?

- a. `int array`
- b. `array A [10];`
- c. `int A [10];`
- d. `array [10]`

26. The prefix increment / decrement operators follow the rule

- a. Save and delete
- b. Change-then-use
- c. Use-then-change
- d. None of these

27. 'Exam\t' has size

- a. 8
- b. 9
- c. 10
- d. 11

28. The condition on do- while loop is checked on

- a. Bottom
- b. Middle

- c. Top
- d. None of these

29. Jump statements are

- a. Go to
- b. Continue
- c. Break
- d. All of these

30. In C++ every statement ends with

- a. Dot (.)
- b. Comma (,)
- c. Colon (:)
- d. Semicolon (;)

31. What is the output of following code fragment?

```
for ( l = 2; l <= 10; ++ l );  
cout<< l;
```

- a. 1, 10
- b. 10
- c. 11
- d. None of these

32. Where does the execution of the program start?

- a. void ()
- b. main ()
- c. user-defined function
- d. none of these

33. In C++ programming strcat() function is used for
- Concatenating two strings
 - Count length of a string
 - Converting string to character
 - None of these
34. Which header file belongs to the function tolower() ?
- string.h
 - math.h
 - ctype.h
 - None of these
35. Declaration of a function is called
- Function prototype
 - Friend function
 - Default function
 - None of these
36. If a function does not return a value then its return type is
- Void
 - Int
 - Float
 - char
37. Characteristics of a good program is/are
- Reliable
 - Effective and efficient
 - User friendly
 - All of these

38. is a pictorial representation of step-by-step solution of a problem.

- a. Flowchart
- b. Solution
- c. Algorithm
- d. None of these

39. Compile-Time errors are

- a. Semantic error
- b. Syntax error
- c. Both (1) and (2)
- d. None of these

40. In flowchart rectangle symbol is used to represent

- a. Output
- b. Input
- c. Decision
- d. Processing