

**Objective Answer Type Questions –**

1. The component of CPU which has the major role in functioning of a computer system and is known as its central nervous system is –  
 a) Arithmetic logic unit    b) Registers    **c) Control unit**    d) None of these
2. Out of these which is not a characteristic of computers –  
 a) speed    b) Accuracy  
 c) Reliability    **d) Intelligent quotient (IQ)**
3. (A)Vaccum tubes, (B)Microprocessor, (C) Integrated circuit Transistor & (D) Artificial intelligence. Arrange them according to their period of development or generation –  
 a) a,b,c,e,d    **b) a,e,c,b,d**    c) a,b,c,d,e,    d) b,e,a,c,d
4. On basis of data-handling techniques computer can be –  
 a) Analog    b) Digital    c) Hybrid    **d) All of these**
5. Stepwise refinement is a ..... process –  
**a) top-town**    b) bottom-up    c) complex    d) None of these
6. Who developed C language?  
 a) Von Neuman    **b) Dennis Ritchie**    c) Peter Norton    d) Ken Thompson
7. How many main functions can be used in a C program?  
 a) 0    b) 1    **c) 2**    d) any number
8. Which of the following character is used to terminate an instruction in a C program?  
 a) , (Comma)    **b) : (Colon)**    c) ; (Semicolon)    d) . (Period)
9. Interpreter converts High Level language to Interpret –  
 a) Assembly language    **b) Low level language**    c) a & b    d) None of these
10. Which of the following language is predecessor to C programming?  
 a) A    **b) B**    c) BCPL    d) C++
11. C was developed in the year –  
 a) 1970    **b) 1972**    c) 1976    d) 1980
12. Which of the following is not a valid indentifier in C language?  
 a) EMP\_CODE    b) rollno123    c) a1b2c3d4    **d) 3a2b1c**
13. Which of the following is not a valid data type in C language?  
 a) char    b) float    **c) long**    d) double
14. Which of the following declaration is not correct?  
 a) float a;    b) int b=4;    c) char c;    **d) unsigned float d;**
15. A variable of type int in C can take a value in the range –  
 a) 0 to 32767    b) 0 to 65535    **c) -32768 to 32767**    d) -32767 to 32768
16. Which of the following is not a reserved word in language?  
 a) for    b) goto    **c) then**    d) switch
17. How much memory is required to store a value of type double?  
 a) 4 bytes    b) 6 bytes    **c) 8 bytes**    d) 10 bytes

18. Which of the following keyword is used to declare a variable as constant?  
 a) unsigned                      b) short                      c) signed                      **d) const**
19. The real constant is C can be expressed in which of the following forms –  
 a) Fractional form only                      b) Exponential form only  
 c) ASCII form only                      **d) Both fractional and exponential forms**
20. A character variable can store at a time –  
**a) 1 character**                      b) 8 characters                      c) 254 characters                      d) None of these
21. A C variable name cannot start with –  
 a) An alphabet                      b) A number                      c) A special symbol                      **c) Both b & c**
22. Which of the following is invalid?  
 a) '                      b) " "                      c) 'a'                      **c) 'abc'**
23. Which of the following symbol is used to denote a pre-processor statement?  
 a) !                      **b) #**                      c) ~                      d) i
24. Which of the following are tokens in C?  
 a) Keywords                      b) Constants                      c) Variables                      **d) All of these**
25. Which escape character can be used to begin a new line in C?  
 a) \a                      b) \b                      c) \m                      **d) \n**
26. Which escape character can be used to beep from speaker in C?  
**a) \a**                      b) \b                      c) \m                      d) \n
27. Character constants should enclosed between –  
**a) Single quotes**                      b) Double quotes                      c) Both a & b                      d) None of these
28. String constant should be enclosed between –  
 a) Single quotes                      **b) Double quotes**                      c) Both a & b                      d) None of these
29. Which of the following is not an arithmetic operator?  
 a) +                      **b) &**                      c) %                      d) \*
30. Precedence of operators determines which operator -  
**a) is used first**                      b) is important                      c) Operates on largest number d) executes fast
31. The operator % can be applied to –  
 a) Float values                      b) Double values                      **c) Integral values**                      d) All of above
32.  $x \% y$  is equivalent to –  
 a)  $(x - (x/y))$                       **b)  $(x - (x/y) * y)$**                       c)  $(y - (y/x))$                       d)  $(y - (x/y) * x)$
33. Which of the following is not a bitwise operator?  
**a) >**                      b) >>                      c) ^                      d) &
34. Which of the following operators has highest precedence?  
 a) \*                      b) %  
 c) /                      **d) all have same precedence**

35. An expression contains relational, assignment and arithmetic operators. In it parentheses are not present, the order will be –  
 a) Assignment, arithmetic, relational  
 b) Relational, arithmetic, assignment  
 c) Assignment, relational, arithmetic  
**d) Arithmetic, relational, assignment**
36. The number of the relational operators in the C language is –  
 a) Four  
**b) Six**  
 c) Three  
 d) One
37. Which operator in C is called a Ternary operator?  
 a) &&  
 b) ++  
**c) (? :)**  
 d) <<
38. Which of the following format specifier is used to print a character with printf() function?  
 a) % char  
 b) % S  
**c) % c**  
 d) % Ic
39. Which of the following format specifier is used for unsigned decimal integer?  
 a) %x  
 b) %Id  
 c) % d  
**d) % u**
40. What is the function of character hyphen '-' when used after the character % in the field specifier?  
 a) To print the hyphen character before the output  
**b) To print the output left justified**  
 c) To print the output right justified  
 d) None of above
41. Every escape sequence begins with character –  
 a) %  
 b) /  
**c) \**  
 d) -
42. If x = 12.4568, what value will be printed if the printf() function is used as printf("%.3f",x), -  
 a) 12.457  
 b) 12.000  
**c) 12.456**  
 d) 12.4568
43. Which pair of the functions below are used for single character I/O?  
**a) getchar() and putchar()**  
 b) scanf() and printf()  
 c) input() and output()  
 d) None of these
44. The printf() function returns which value when an error occurs –  
 a) Positive value  
 b) Zero  
**c) Negative value**  
 d) None of these
45. The output of printf("%u",-1) is –  
 a) -1  
 b) minimum int value  
**c) maximum int value**  
 d) Error message
46. An ampersand before the name of a variable denotes –  
 a) Actual value  
 b) Variable name  
**c) Address**  
 d) Data type
47. Minimum number of times the do-while loop will be executed?  
 a) 0  
**b) 1**  
 c) Cannot be predicted  
 d) None of above
48. Which of the following is not a control statement in C language?  
 a) for statement  
**b) repeat-until statement**  
 c) switch statement  
 d) goto statement
49. A compound statement is a group of a statement included between a pair of –  
 a) Double quote  
**b) curly braces**  
 c) parenthesis  
 d) a pair of /'s
50. The continue command cannot be used with –  
 a) for  
**b) switch**  
 c) do  
 d) while