Group - A

21. Who is the father of C language ---?

1. Bjarne Stroustrup
2. James A. Gosling
3. Dennis Ritchie
4. Dr. E.F. Codd

22. C language developed at ---?

1. AT&T Bell laboratories
2. Oracle
3. Nokia
4. Sun Microsystems

23. C language was primarily developed as ---?

1. System programming language
2. General purpose language
3. Data processing language
4. None of the above.

24. Variable cannot start in C language with ---?

1. Number
2. Special symbol other than underscore
3. Both of above
4. An alphabet

25. Which is the following not a correct variable type ---?

1. Float
2. Real
3. Int
4. Char

26. What is the following output ---?

void main()

{

int i = 01289;

printf(“%d”,i);

}

1. 1289
2. 01289
3. Syntax Error
4. None of above

27. What is the difference between declaration and definition of a variable ---?

a. Both can occur multiple times, but a declaration must occur first.

b. Definition occurs once, but a declaration may occur many times.

c. Both can occur multiple times, but a definition must occur first.

d. There is no difference between them.

28. The words if, else, for, float etc. have predefined meaning and users cannot use them as variables. These words as called ---?

a. constant

b. identifier

c. data types

d. keywords

29. All keywords in C are in \_\_\_\_\_\_\_\_\_\_\_\_

a. LowerCase letters

b. UpperCase letters

c. CamelCase letters

d. None of the mentioned

30. Which of the following is not a valid C variable name?

a. int number;

b. float rate;

c. int variable\_count;

d. int $main;

31. Which among the following is NOT a logical or relational operator?

a. !=

b. ==

c. ||

d. =

32.What is the size of ‘int’?

a. 2

b. 4

c. 8

d. Compiler dependent

33. Which of the following operators takes only integer operands?

a. +

b. \*

c. /

d.%

34. The expression 4 + 6 / 3 \* 2 - 2 + 7 % 3 evaluates to

a. 3

b. 4

c. 6

d. 7

35. The format identifier “% I” is also used for \_\_\_\_\_ data type?

a. char

b. int

c. float

d. double

36. Which data type is most suitable for storing a number 65000 in a 32-bit system?

a. short

b. int

c. long

d. double

37. Comment on the output of this C code?

int main()

{

float f1 = 0.1;

if (f1 == 0.1)

printf("equal\n");

else

printf("not equal\n");

}

a. equal

b. not equal

c. Output depends on compiler

d. None of the mentioned

38. %f access specifier is used for?

a. Integer type

b. Character type

c. Floating type

d. None of the above

39. What is the output of this C code?

int main()

{

float a = 5.477777777777;

printf("%f", a);

}

a. 5.477777

b. 5.477778

c. 5.478

d. 5.48

40. %lf is used to display?

a. float

b. long float

c. double

d. int

Group – B

6. WAP to find the sum of two numbers.

7. WAP to check the factorial of a number. (5! = 120)

8. WAP to find the average of 3 numbers.

9. WAP to find the maximum between two numbers.

Group – C

4. Explain different types of loops along with examples.

5. Explain short notes (any 2) –

* Relational Operator
* Logical Operator
* Increment-Decrement Operator
* If-then-else