1. C is _____ Language?

   (a) Low Level
   (b) High Level
   (c) Assembly Level
   (d) Machine Level

   Ans: (b)

2. The "C" language is
   (a) Context free language
   (b) Context sensitive language
   (c) Regular language
   (d) None of the above

Ans: (a)

3. Which is not a binary operator
a) Bitwise AND
b) Logical OR
c) Bitwise Complement
d) Modulus

Ans: (c)

4. An operator that acts on only one kind of operand is known a
(a) Binary Operator
(b) Unary operator
(c) Ternary Operator
(d) Special Operator.

Ans: (b)

5. Choose the correct order of operators based on its precedency.
&(Bitwise AND), | (Bitwise OR), &&(Logical AND), ^ (Bitwise XOR).
(a) &, ^, | , &&
(b) &, ^ , &&, |
(c) &&, | , ^, &
(d) &&, &, | , ^

Ans: (a)

6. .What will be the output of the following C code?

```
#include <stdio.h>
int main()
{
int i = -3;
```

```c
int k = i % 2;
printf("%d\n", k);
return 0;
}
```

(a) Compile time error
(b) -1
(c) 1
(d) Implementation defined

Ans: (b)

7. What will be the output of the following C code?
```c
#include <stdio.h>
int main()
{
        int i = 5;
        i = i / 3;
        printf("%d\n", i);
        return 0;
}
```

     (a)   Implementation defined
     (b)   3
     (c)   Compile time error
     (d)   1

Ans: (d)

8. What will be the final value of x in the following C code?
```c
#include <stdio.h>
void main()
{
        int x = 5 * 9 / 3 + 9;
}
```

(a) 3.75
(b) Depends on compiler
(c) 24
(d) 3

Ans: (c)

9. What will be the output of the following piece of code?

```c
#include <stdio.h>

int main() {
  for(i = 0;i < 10; i++);
  printf("%d", i);
```

```
  return 0;
}
```

a) 10
b) 0123456789
c) Syntax error
d) 0

Ans: a

10. What will be the value of the digit?

```
#include <stdio.h>

int main() {
  int digit = 0;
  for(; digit <= 9; )
digit++;
 digit *= 2;
--digit;
  return 0;
}
```

a) -1
b) 17
c) 19
d) 16

Ans: d

11. A function which calls itself is called a ____ function.

a) Self Function
b) Auto Function
c) Recursive Function
d) Static Function

Ans: c

12. What are the types of functions in C Language?

a) Library Functions
b) User Defined Functions
c) Both Library and User Defined
d) None of the above

Ans: C

13. What is the limit for number of functions in a C Program?

a) 16

b) 31

c) 32

d) No Limit

Ans: d

14. What is the output of C program with recursive function?

```
int sum(int x) {
  int k = 1
  if(x <= 1)
    return 1;
  k = x + sum(x - 1);
    return k;
}
```

a) 10
b) 11
c) 12
d) 15

Ans: a

15. How do you accept a Multi Word Input in C Language?

a) SCANF

b) GETS

c) GETC

d) FINDS

Ans: b

16. The continue statement cannot be used with

A. for

B. while

C. do while

D. switch

Ans: d

17. A structure can be nested inside another structure.
 A. True
 B.False
 C.Both of these
 D.None of these

 Ans. A

18. Is it necessary that all elements of structure should be different in size?
 A. True
 B.False
 C.Both of these
 D.None of these

 Ans. B

19.Can we use access specifiers(private, public, protected) with structures?
 A. True
 B.False
 C.Both of these
 D.None of these

 Ans. A

20.What is the output of this C code?
 #include <stdio.h>

 int main()
 {
 struct xyz{
 int a;
 };

 struct xyz obj1={1};
 struct xyz obj2 = obj1;
 printf("%d", obj2.a);
 obj2.a = 100;
 printf("%d", obj1.a);
 return 0;
 }

 A.1100
 B. 11
 C. 0100
 D.10

 Ans. B