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MCQs on Advance C Programming and Introduction to OOP Sem-III

1. Comment on the output of following code:

```
1.  #include <stdio.h>
2.  main()
3.  {
4.      char *p = 0;
5.      *p = 'a';
6.      printf("value in pointer p is %c\n", *p);
7.  }
```

- a) It will print a
- b) It will print 0
- c) Compile time error**
- d) Run time error

2) Which of the following is a keyword used for a storage class?

- A) Printf
- B) externa
- C) auto**
- D) scanf

3) The prototype of the function in the header file is-

- A) Stdio.h**
- B) stdlib.h
- C) conio.h
- D) io.h

4) Preprocessor Directives are used for -

- A) Macro Expansion
- B) File Inclusion**
- C) Conditional Compilation
- D) All of these

5) Which function is used to read character as you type ?

- A] **getchar()**
- B] getch()
- C] getche()
- D] Both (B) and (C)

6) Which format specifier is used to print the values of double type variable

- A] **%lf**
- B] %ld
- C] %lu
- D] %f

7) What will be the output of the following program?

```
Void main() {  
Int x []= { 10,20,30,40,50};  
Print f (“ \n %d %d %d %d “, x  
[4] ,3[x] ,x[2] ,1[x] ,x[0] ); }  
A] Error  
B] 10 20 30 40 50  
C] 50 40 30 20 10  
D]None of these
```

8) Which of the following is not s keyword of ‘C’ ?

- A] auto
- B] register
- C] int
- D] **function**

9) What will be the output ?

```
#define SQUARE(X) X * X  
void main () {  
printf (“\n Square = %d” , SQUARE(10+2) ); }  
A] Square = 144  
B] Square =32  
C] Square =122  
D]Square =12
```

10) By default a function returns a value of type

- A] **int**
- B] char
- C] void
- D] None of these

11) What will be the value of x after executing the program ?

```
void main () {  
int x;  
x = printf("I See, Sea in C");  
printf("\n x= % d" , x); }
```

- A] x= 15
- B] x=2
- C] Garbage value
- D] Error**

12) Which is not keyword in 'C' ?

- A] typedef B] const **C] near** D] complex

13) Which is valid string function ?

- A] strpbrk **B] strlen** C] strxfrm D] strtut

14) A static variable by default gets initialized to

- A] 0 B] blank space C] 1 **D] garbage value**

15) What will be the size of following union declaration?

```
Union Test {  
Int x;  
Char y;  
Float z; } ;
```

- A] 7 bytes B] 4bytes C] 1byte **D] 4 bytes**

16) int **x;

- A] x is a pointer to pointer** B] x is not pointer
- C] x is long D] None of these

17) What will be the size of following union declaration?

```
Union Test {  
Int x;  
Char c[10]  
Char y;  
Float z; } ;
```

- A] 10 bytes** B] 4bytes C] 1byte D] 4 bytes

18) Which of the following are tokens in C?

A] Keywords B] Variables C] Constants **D] All of the above**

19) The size of a String variable is

A] 1 byte B] 8 bytes C] 16 bytes D] None

20) Operators have hierarchy. It is used to know which operator

A] is most important **B] is used first** C] is faster D] operates on large numbers

21) Header files in C contain

A] Compiler commands **B] Library functions**
C] Header information of C programs D] Operators for files

22) Identify the wrong statement

A] putchar(65) **B] putchar('x')** C] putchar("x") D] putchar('\n')

23) Which header file is essential for using strcmp() function?

A] string.h B] strings.h C] text.h D] strcmp.h

24) Which of the following is a key word is used for a storage class

A] printf B] external **C] auto** D] scanf

25) An Ampersand before the name of a variable denotes

A] Actual Value B] Variable Name **C] Address** D] Data Type