C Test Paper

Time: 3 Hr.

Marks:100

Que 1. Multiple choice questions   (30 marks - Each question 2 mark)

1. The prototype of function in the header file is

A. Stdio.h

B. Stdlib.h

C. conio.h

D. io.h

2. Preprocessor Directives are used for

A. Macro Expansion

B. File Inclusion

C. Conditional compilation

D. All of These

3. Sizeof() is a function

A. Yes   B. No

4.What will be the output of following program

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=0;
```

```
If(i==0)
{
        Printf("Hello");
Continue;
}
getch();
}
```

A. Hello

   B. Hello Hello

   C. Hello infinite times

   D. Compile Time error

5. Find the output of following

```
#include<stdio.h>
#include<conio.h>
void main()
{
int i=10;
printf("%d%d",i++,++i,i);
printf("%d",i);
    getch();
    }
```

A. 10 20 12

B. 11 11 12

C. 10 11 10

D. None of Above

6. Which of the following special symbol allowed in a variable name?

 A. * (asterisk)   B. | (pipeline)

C. - (hyphen)   D. _ (underscore)

7. When we mention the prototype of a function?

A. Defining   B. Declaring

c.Prototyping   D. Calling

8. The keyword used to transfer control from a function back to the calling function is

A. switch   B. goto

C. go back   D. return

9. What is the similarity between a structure, union and enumeration?

A. All of them let you define new values

B. All of them let you define new data types

C. All of them let you define new pointers

D. All of them let you define new structures

10. Declare the following statement?

"An array of three pointers to chars".

A. char *ptr[3]();

 B. char *ptr[3];

C. char (*ptr[3])();

 D. char **ptr[3];

11. What do the following declaration signify?

void *cmp();

    A. cmp is a pointer to an void type.

B. cmp is a void type pointer variable.

C. cmp is a function that return a void pointer.

D. cmp function returns nothing.

12.ASCII value for T is

A. 89   B.78   c.84   D.79

13.   printf(„%c",66);output of this line is

A.66   B.68   C.B   D.None of the above

14.   Which of the following is correct way to define the function fun() in the below program?

```c
#include<stdio.h>

int main()
{
    int a[3][4];

    fun(a);

    return 0;
}
```

A.   void fun(int p[][4])

```c
{

}
```

B. void fun(int *p[4])

```c
{

}
```

C. void fun(int *p[][4])

```c
{

}
```

D. void fun(int *p[3][4])

```c
{

}
```

15 .For 16-bit compiler allowable range for integer constants is _____?

A.-3.4e38 to 3.4e38

B.-32767 to 32768

C.-32668 to 32667

D.-32768 to 32767

16. What will be output if you will compile and execute the following c code?

```c
void main(){
    int i=320;
    char *ptr=(char *)&i;
```

```
    printf("%d",*ptr);
}
```

A. 320

B. 1

C.64

D. Compile time error

17. What will be the output of following program
```
#include
main()
{
int x,y = 10;
x = y * NULL;
printf(\"%d\",x);
}
```

        A. error
        B. 0
        C. 10
        C.Garbage value

18. What is true about fputs function

        A.write to a file
        B.takes two parameters
        C.requires a file pointer
        D.all of above

19.What is dangling pointer in c

        A. if pointer is pointing to a memory location from where variable has been deleted
        B. if pointer is assigned to more than one variable
        C. if pointer is not defined properly
        D. none of above

20.what is a size of double in c

        a. 2bytes

        b. 4 bytes

        c.   8bytes

        d.16bytes

Que2. Develop the following programs(Attempt Any 6)   **60M**

1. Display the information about 10 Players with Structure in tbular formate.

2. Implement a program for File Handling for Appending data and copy the same data to another file.

3. Implement a program for Matrix multiplication.

4. Implement a program to count no of characters,no of digits,no of space, no of special character from file.

5. Implement a program to reverse any string without using library function.

6. Implement a program to display elements of command line.

7. Implement a program for fibonacci series using recursion.

ALL THE BEST