Name:

Class:

1 main()
{
static int a[20];
int i=0;
a[i]=i++;
printf("%d%d%d", a[0],a[i],i);
}
a. 0 0 0
b. 0 0 1
c. 1 1 1
d. Error

2) The prototype declaration for a pointer to a function which returns a pointer to an integer is:
a. int (**pfi)();
b. int (*)(*pfi)();
c.(*int) pfi ();
d. int * (*pfi)();

3) when do preprocessor directives get executed
a. before compilation   b. during compilation
c. after compilation   d. none

4) Main()
{
Const int val=5;
Const int *ptrval;
Ptrval=&val;
*ptrval=10;
Printf("%d",val);
}
a. 5   b. 10   c. Garbage   d. Error

5) Write output of program-
```
main() {
 static int var = 5;
 printf("%d ",var--);
        if(var)
        main();        }
```
a. 5 4 3 2 1   b.5 5 5 5 5 c. 5 4 3 2 1 0   d. error

6)
```
int main(){
   int a, b;
   if(scanf("%d%d", &a, &b)==2)
   printf("true");
   else
  printf("false");
   return 0;}
```

a.true   b. false   c. Error   d. Can't Say

7) Which of the following is the correct output for the program given below?
```
    #include<stdio.h>
    int fun(int);
    void main()
    {
        float k=3;
        fun(k=fun(fun(k)));
        printf("%f",k);
    }
    fun(int i)
    {
        i++;
        return i;
    }
```

a) 5.00000   b) 3.00000
c) 6.00000   d) 4.00000

8)What is the output for the following program
```
    main()
    {
        int x=3;
        float y=3.0;
        if(x==y)
            printf("x and y are equal ");
        else
            printf("x and y are not equal");
    )
```
 The output is:

a) x and y are equal   b) x and y are not equal
c) Error   d) none

9) What is the output for the following program

```
main()
{
    int i=65;
    char j='a';
    if(i==j)
        printf("HELLO");
    else
        printf("GOOD BYE");
}
```

a) HELLO   b) GOOD BYE
c) COMPLIATION ERROR   d) none

10)What is the output for the following program

```
main()
{
    int x=15;
    printf("%d,%d,%d",x!=15,x=20,x<30);
}
```

a) 1, 20, 1   b) 1, 1, 1
c) 0, 1, 0   d) 0, 20, 1

Name:

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1)What is the output for the following program

```
main()
{
    int i=5, j=2;
    prod(i,j);
    printf("%d %d",i,j);
}
prod(int i,int j)
{
    i=i*i;
    j=j*j;
}
```

a) 25, 4   b) 4, 25
c) 5, 2   d) none

2) Array name always contains
a) address of 1st element   b) value of 1st element
c) size of the array   d) Garbage value

3) What is the output for the following program

```
main()
{
    int a=10, b;
    int *p;
    p=&a;
    b=*p;
    printf("%d",b);
}
```

output is:
a) displays the address of a
b) displays the value of a
c) displays the address of p
d) displays a garbage value

4) What is the output for the following program

```
main()
{
    int i=-4, j, num=4;
    j=(num<0 ? I : num*num);
    printf("%d",j);
}
```

a) 0   b) -4
c) 4   d) 16

5) What is the output for the following program

```
main()
{
    int x,y=10;
    char z='a';
    x=y+z;
    printf("%d",x);
}
```

a) 75   b) 107
c) error   d) 65

6) What is the output of the following code

```
main()
{
    int b=5;
    int j;
    j=(++b)*(++b)*(b++);
    printf("%d,%d",j,b);
}
```

a) 180,6   b) 343,8
c) 294,7   d) 210,8

7) The header file in which clrscr() function is present
a) <conio.h>   b) <stdio.h>
c) <math.h>   d) <string.h>

8) What is the output for the following program

```
main()
{
    printf("Welcome to ELESA \n");
    main();
}
```

a) Welcome to ELESA   b) error main() cannot be called inside main()

c) infinite loop   d) program will not compile

9) Which of the following is the correct output for the program given below?

```
#include<stdio.h>
void main()
{
    int a=10,b=20,c;
    c=(a==10||b>20);
    printf("c=%d",c);
}
```

a) c=10   b) c=20

c) c=1   d) c=0

10) For two variables

int a;

float b;

Which of the following statements is correct to scan input into these two variables

a) scanf("%d %f", a,b);   b) scanf("%d %f",&b,&a);

c) scanf("%d %f",&a,&b);   d) scanf("%d %f,&a,&b");