

ANTICODING

ROUND - 1

ASSUME return 0; WHEREVER NECESSARY.

Q1.What is the output of the following code segment?

```
#include<stdio.h>
#define TOTAL_ELEMENTS (sizeof(array) / sizeof(array[0]))
int array[] = {23,34,12,76,45};
int main()
{ int d;
for(d=-1;d <= (TOTAL_ELEMENTS-2);d++)
    printf("%d\n",array[d+1]);
return 0;
}
```

ANS: _____

Q2. Choose the correct option:

```
#include <stdio.h>
int main()
{
    int x=4;
    int y= ++x + ++x;
    printf("%d",y);
    return 0;
}
```

- a) 12
- b) 11
- c) 13
- d) 10

Q3. Write the output of the given code.

```

#include <stdio.h>
int main()
{
    int i=43;
    printf("%d\n",printf("%d",printf("%d",i)));
    return 0;
}

```

ANS: _____

Q4. What is the output?

```

#include <stdio.h>
#define SIZE 10
void size(int arr[SIZE])
{
    printf("size of array is:%d\n" , sizeof(arr));
}
int main()
{
    int arr[SIZE];
    size(arr);
    return 0;
}

```

a) 10
b) 8
c) 6
d) 4

Q5. What is the output of following program?

```

#include <stdio.h>
int main()
{
    int i;
    i = 1,2,3;
    printf("i:%d\n",i);
}

```

```
}
```

ANS: _____

Q6. The intention is to print a minus sign 20 times. But you can notice that the code doesn't work. Fix the code, by adding or removing exactly one character.

```
1. #include <stdio.h>
2. int main()
3. {
4.     int i;
5.         int n = 20;
6.         for( i = 0; i < n; i-- )
7.             printf("-");
8.         return 0;
9. }
```

Specify line no and replaced text in that line.

ANS: _____

Q7. Write a printf statement to print - "I scored 90% marks" (without quotes).

ANS: _____

Q8. Predict the output of program below?

```
int main()
{
    printf("%d",printf("%d",printf("%d",printf("%s","CSA"
"BITS" "Pilani"))));
    return 0;
}
```

ANS: _____

Q9. What will be output if you will compile and execute the following c code?

```
int main(){
```

```
    printf("%s","c" "question" "bank");  
return 0;  
}
```

- (a) c question bank
- (b) c
- (c) bank
- (d) cquestionbank
- (e) Compiler error

Q10. What will be output if you will compile and execute the following c code?

```
void main(){  
    char *str="c-pointer";  
    printf("%*.*s",10,7,str);  
}
```

- (a) c-pointer
- (b) c-pointer
- (c) c-point
- (d) cpointer null null
- (e) c-point

Q11. What will be the output?

```
#include <stdio.h>  
int main(){  
    int c=5;  
    printf("%d",main||c);  
    return 0;  
}
```

- a) Runtime Error
- b) 5
- c) 1
- d) 0
- e) Compilation Error

Q12. Write the output of the following program.

```

#include <stdio.h>
main() {
    float a=1.1;
    double b=1.1;
    if(a<1.1){
        printf("1y");
    }else{
        printf("1n");
    }
    if(b<1.1){
        printf("2y");
    }else{
        printf("2n");
    }
    if(a==b){
        printf("3y");
    }else{
        printf("3n");
    }
    return 0;
}

```

ANS: _____

Q13. Choose correct option.

```

#include <stdio.h>
int main(){
    extern int a;
    a=20;
    printf("%d",a);
    return 0;
}

```

- a) 20
- b) Stack Overflow error
- c) Memory Linking error(undefined reference)

Q14. Write the output of the following program.

```

#include<stdio.h>
int main(){

```

```

        int c=- -2;
        printf("%d",c);
        return 0;
    }
ANS: _____

```

Q15. Write the output of the following program.

```

#define square(x) x*x
#include <stdio.h>
int main(){
    int a;
    a=64/square(4);
    printf("%d",a);
    return 0;
}

```

ANS: _____

Q16. What is the expected output?

```

#include <stdio.h>
#define func(a,b) ((a) ^= (b) ^= (a) ^= (b) ^= (a) ^= (b))

int main()
{
    int a = 5 , b = 10;
    func(a , b);
    printf("%d %d" , a , b);
}

```

ANS. _____

Q17. What will be output if you will compile and execute the following c code?

```

void main(){
    static main;
    int x;
    x=call(main);
}

```

```

        clrscr();
        printf("%d ",x);
        getch();
    }
    int call(int address){
        address++;
        return address;
    }

```

- (a) 0
- (b) 1
- (c) Garbage value
- (d) Compiler error
- (e) None of these

Q18. Choose the correct option.

```

#include<stdio.h>
int main(){
    int n=5;
    switch(n){
        int r=6;
        case 5: printf("%d",r);
            break;
        default: printf("%d",r);
            break;
    }
    return 0;
}

```

- a) Compilation error
- b) 6
- c) 5
- d) Garbage Value

Q19. Predict the output of program below?

```

#define Mul(X,Y) X*Y
int main()
{
    int z= Mul(3+5,8+2)%2;
    printf("%d",z);
}

```

- a) 0
- b) 1
- c) 43
- d) 45

Q20. What will be the output of the following conditional operator.

```
a=0?(3>2?23:(2>5?(7<6?34:48):64)):1  
printf("%d",a);
```

- A) 0
- B) 1
- C) -1
- D) None