

## Assignment based on Theory Class

1. What will be the output of the following C program:

```
#include <stdio.h>
int main()
{
    int a = 18, b = 3, c;
    c = a + b;
    printf("a+b = %d \n", c);
    c = a - b;
    printf("a-b = %d \n", c);
    c = a * b;
    printf("a*b = %d \n", c);
    c = a / b;
    printf("a/b = %d \n", c);
    c = a % b;
    printf("Remainder = %d \n", c);
    return 0;
}
```

2. If A=44 and B=12 then find A&B, A|B, A^B, ~A, ~B where &, |, ^, ~ denotes bitwise AND, OR, Ex-OR and Complement operator.

3. sizeof 225 is .....

4. The definition of library functions are stored in .....

5. // is used as .....

6. What will be output of the following code:

```
Void main(){
    int a=6,b=4;
    int x;
```

```
x=(a!=b)&&(b==a);  
printf("%d",x);  
}
```

7. () operator is used for .....

8. What will be the output of the following statement:

```
printf("%d",3*printf("abcd"));
```

9. What will be the output:

```
void main()  
{  
    int a=4;  
    int ans=a++ * (4 + 7) % 35 - 28 / 7;  
    printf("%d", ans);  
}
```

10. /n and /t are called .....in  
C programming.