

1.

What will be the output of the following:

```
#include <stdio.h>
int main(void)
{
    int x=10;
    x &= ~2; printf(" x = %d",x);
    x |= ~2; printf("\t x = %d",x);
    return 0;
}
```

- A. x = 10 x = -1
- B. x = 8 x = -3
- C. x = 12 x = 1
- D. x = 0 x = 0

Answer: B

2.

What will be the output of the following:

```
#include <stdio.h>
int main(void)
{
    if(printf("Welcome to "))
    if(((printf("Sun")+1)%2==1)
        printf(" Pune ");
    if(((printf("Beam")+1)%2==0)
        printf(" Karad ");
    else
        printf(" Hinjewadi IT Park ");
    return 0;
}
```

- A. Welcome to Sunbeam Pune
- B. Welcome to Sunbeam Karad
- C. Welcome to Sunbeam
- D. Welcome to Sunbeam Hinjewadi IT Park
- E. Compile time error

Answer: D

3.

What will be the output of the following:

```
#include <stdio.h>
int main( void )
{
    int a=10;
    again:
    if(a)
    {
        switch(0)case 0*5: printf(" case 0 %5d",a);
        switch(1)printf(" case 1 %5d",a);
    }
    else
        goto again;

    return 0;
}
```

- A. No Output
- B. case 0 10 case 1 10
- C. case 0 10
- D. compile time error
- E. run time error

Answer : C

4.

What will be the output of the following:

```
#include <stdio.h>
int main(void)
{
    float i=1.50f;
    if( i==1.50f)
    {
        switch((int)i)
        {
            case 1: printf("1");case 2:printf("2");
            default : printf("0");
        }
    }
    else if( i!=1.50f )
        printf("120");
    else
        printf("0");
    return 0;
}
```

- A. 0
- B. 1
- C. Compiler error
- D. 120
- E. 2

Answer: D

5.

What will be the output of the following:

```
#include <stdio.h>
int main()
{
    int var=3;
    switch(var)
    {
        case 2+3: printf("DAC "); break;
        case 1+2: printf("DESD ");
        case 1*0*-1+2: printf("DITISS ");
        case 4 : printf("DMC "); break;
        default: printf("DBDA "); break;
    }
    return 0;
}
```

- A. DAC DESD DITISS DMC DBDA
- B. DESD DITISS DMC
- C. DESD DMC
- D. DBDA
- E. Compile time error

Answer: B