

1.

```
#include <stdio.h>
int main(void)
{
    int i = 0;
    for (i = 0; i < 5; i++);
    {
        if (i <= 5)
        {
            printf("Sunbeam\n");
        }
    }
    return 0;
}
```

- A. Sunbeam print 5 times
- B. Sunbeam print 4 times
- C. Sunbeam print 1 times
- D. Sunbeam print 0 times

Answer: C

2.

```
#include <stdio.h>
int main(void)
{
    int i = 0;
    if (i == 0)
    {
        continue;
        printf("Sunbeam");
    }
    return 0;
}
```

- A. Sunbeam is printed infinite times
- B. Sunbeam
- C. 0
- D. Compile time error

Answer: D

3.

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

    for (;k < 3; k++)
        printf("%d] Pune\t",k++);

    return 0;
}
```

- A. Compile time error
- B. 1] Pune
- C. 0] Pune 1] Pune 2] Pune
- D. 0] Pune 2] Pune

Answer: D

4.

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

    for(i=0, j=-3; i<3, j<3; i++, j++)
        k=i+j;
    printf("%d", i+j);

    return 0;
}
```

- A. 12
- B. 9
- C. 11
- D. 10
- E. compile time error

Answer: B

5.

```
#include <stdio.h>
int main( void )
{
    int x = 100;
    if(x < 4);printf("%5d", x++);
    return 0;
}
```

- A. 100
- B. 101
- C. print nothing
- D. Compile time error

Answer: A

6.

```
#include <stdio.h>
int main(void)
{
    int k;for (k = -3; k < -5; k++)printf("welcome ");
    printf("welcome ");
    return 0;
}
```

- A. Compile time error
- B. welcome welcome
- C. welcome welcome welcome
- D. welcome

Answer: D

7.

```
#include <stdio.h>
int main(void)
{
    int val = -5 ;
    while(++val < 5)
        printf(" Sunbeam ",val++);
    printf(" ",++val );

    return 0;
}
```

Control Flow Statements



SUNBEAM
Exploring New Ideas Reaching New Heights

- A. Sunbeam print Only 3 time
- B. Sunbeam print Only 10 time
- C. Sunbeam print Only 5 time
- D. Sunbeam print Only 6 time

Answer: C

8.

```
#include <stdio.h>
int main(void)
{
    int val = 0 ;
    do
    {
        printf(" do while");
    }while(val++);
    val--;
    while(val--);
        printf(" while");

    return 0;
}
```

- A. do while
- B. compile time error
- C. do while printed then infinite loop
- D. do while while

Answer: D

9.

```
#include <stdio.h>
int main( void )
{
    int a=10;

    switch(0)case 0*5: printf(" case 0 %5d",a);
    switch(1)printf(" case 1 %5d",a);

    return 0;
}
```

- A. no output
- B. case 0 10 case 1 10
- C. case 0 10
- D. compile time error

Answer : C

10.

```
#include <stdio.h>
int main(void)
{
    int a=1;
    switch(a++)
    {
        default: printf("error");
        case 2 : case 1 : break; printf("Sun");
        case 3: printf("beam"); break;
    }
    return 0;
}
```

- A. Sunbeam
- B. beam
- C. Sun
- D. no output

Answer: D

11.

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

    while(++a++);
    {
        printf("welcome");
    }
    return 0;
}
```

- A. 5
- B. 6
- C. 0
- D. lvalue error

Answer: D

12.

```
#include <stdio.h>
int main(void)
{
    int x;
    x=5>8 ? 10:1 !=5 <=5 ? 20 : 30;
    printf("Value of x:%d",x);
    return 0;
}
```

- A. Value of x:30
- B. Value of x:20
- C. Value of x:10
- D. Value of x:1

Answer: A

13.

```
#include <stdio.h>
int main(void)
{
    int a=33;
    do
    {
        printf("%d ", ++a);
        a-=3;
    }while(!!!(a <= 30+1));
    return 0;
}
```

- A. 34
- B. 33
- C. 33 infinte loop
- D. 34 infinte loop

Answer: A

15.

```
#include <stdio.h>
int main(void)
{
    int val=1;
    switch(val)
    {
        case 0+1+2*0:
            printf("Sunbeam");
            if(++val%2==1)
                ;
            else
            {
                break;
            }
        default: printf(" IT Park\n"); break;
    }
    return 0;
}
```

- A. Sunbeam
- B. Pune
- C. Sunbeam IT Park
- D. None

Answer: A

16.

```
#include <stdio.h>
int main(void)
{
    if(printf("welcome to "););
    if((printf(" Sunbeam ")+1)%2==0)
        printf(" pune ");
    else
        printf(" karad ");

    return 0;
}
```



- A. welcome to Sunbeam pune
- B. welcome to Sunbeam karad
- C. welcome to Sunbeam
- D. compile time error

Answer: D

Sunbeam