1.

```c
#include <stdio.h>
int main(void)
{
    int loop=3;
    loop--;
    do
    {
        printf(" Sun");
    }while(printf("Beam%d", loop) && loop--);
    return 0;
}
```

A. Sunbeam2 Sunbeam1
B. Sunbeam2
C. Sunbeam2 Sunbeam1 Sunbeam0
D. Sunbeam2 Sunbeam1 Sunbeam0 Sunbeam-1

Answer : C

2.
```c
#include <stdio.h>
int main(void)
{
    int a = 010, num = 0;
    while (num <= ~(~a)) {
        printf("%d ", num++);
        if (num % 2)
            num++;
    }
    return 0;
}
```

A. 0 2 4 6 8
B. 1 3 5 7 9
C. 1 3 5 7 9 11
D. 0 2 4 6 8 10
Answer: A

3.

```c
#include<stdio.h>
int main()
{
    int var=0,j;
    for(j=0;j<=5;j+=2)
        switch(j)
        {
            case 1: var++;
                    break;
            case 2:
                    var+=2;
            case 4:
                    var%=2;
                j=-1;
            continue;
            default:
            --var;
            continue;
        }
        printf("%d",var);
    return 0;
}
```

A. 0
B. 1
C. Garbage value
D. Compilet ime error

Answer: A

4.

```c
#include <stdio.h>
int main(void)
{
    unsigned int var = 1;

    while(--var > -2)
        printf("PreCAT");
    return 0;
}
```

A. 2 time preCAT
B. no output - exit value zero
C. run time error
D. None of the above
E. no output - exit value other than zero

Answer: B

5.

```c
#include<stdio.h>
int main( void )
{
    int i = 1, j;
    for (;;)
    {
        if (i)
            j = --i;
        if (j < 10)
            printf("\n Sunbeam", j++);
        else
            break;
        continue;
    }
    return 0;
}
```

A. Compile Error.
B. No compile error but it will run into infinite loop printing Sunbeam
C. No compile error and it will print Sunbeam 10 times.
D. No compile error but it will print Sunbeam 9 times
E. No output

Answer: C