1.

What will be the output of the following:

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

    float fval = 56.789643;

    printf("%5d%*.*f",val,val,val-8,fval);

    return 0;
}
```

A. 10_ _ _56.79_ _ _ _ _ _
B. _ _ _10_ _ _ _ _ _ _56.79
C. _ _ _10_ _ _ _ _ _ _ _56.79
D. _ _ _ 10*56.78*

Answer: B

2.
What will be the output of the following:

```c
#include<stdio.h>
int main()
{
    printf("%d %d %d",'\r'-'\n','\r'-'\t','\r'-'\b');
    return 0;
}
```

A. 5 4 3
B. 3 3 3
C. 3 4 5
D. 13 13 13

Answer: C

3.

What will be the output of the following if input is "1234 6789":

```c
#include<stdio.h>
int main(void)
{
    int a,b;

    printf("Specify two numbers\n");
    scanf("%2d %2d",&a,&b);
    printf("a=%d b=%d\n",a,b);

    return 0;
}
```

A. a=12 b=34
B. a=12 b=67
C. a=1234 b=6789
D. a=34 b=89

Answer: A

4.
What will be the output of the following:

```c
#include<stdio.h>
int main(void)
{
    char c1=65;
    printf("%x\t%c\t%o",c1,c1,c1);
    return 0;
}
```

A. 65   A   101
B. 101   A   41
C. 41   A   101
D. 41   A   65

Answer: C

5.

Which line from the following code will cause to runtime error

```c
#include<stdio.h>
int main(void)
{
    1. int a=3,b;
    2. b = a * '\0';
    3. printf("b=%d \n",b);
    4. b = a / '\0';
    5. printf("b=%d \n",b);

    return 0;
}
```

A. line 2
B. line 4
C. line 5
D. line 3

Answer: B