

1.

What will be output of following code ?

```
#include<stdio.h>
int main(void)
{
    int k=-200, num = 100, ans=200;
    ans+=(num>50 ? num<=10 ? (k+=500) : (k+=300) : (k+=200));
    printf("num=%d\tans=%d\tk=%d", num, ans, k);
    return 0;
}
```

- A. num=50 ans=400 k=200
- B. num=100 ans=400 k=200
- C. num=100 ans=500 k=300
- D. num=100 ans=300 k=300

Answer: C

2.

What will be output of following code ?

```
#include <stdio.h>
int main( void )
{
    int val1=11, val2=11, val3=11;
    val2 += val1;
    val3 += val2;
    val3 = (val2++),val1++,val2++ ;
    val1 = val3++,val2++,val3++;
    val2 = ((val1--,--val3),--val1) ;
    printf("val1=%d val2=%d val3=%d",val1,val2,val3);
    return 0;
}
```

- A. val1=22 val2=23 val3=23
- B. val1=22 val2=22 val3=23
- C. val1=20 val2=21 val3=23
- D. val1=20 val2=20 val3=23

Answer: D

3.

What will be output of following code ?

```
#include <stdio.h>
int main( void )
{
    int num1=12,num2=12,num3;

    num1 *= num1;
    num2 += num1 ;
    num3 = printf("%10d",++num1 )+ ++num2;
    printf(" %d",num3);
    return 0;
}
```

- A. 144 166
- B. 145 167
- C. 145 168
- D. 144 167

Answer: B

4.

What will be output of following code ?

```
#include <stdio.h>
int main()
{
    int a = 10, b = 5, c = 5, d;
    d = ~!b + b == c ;
    d-= ~d; printf("\td=%d", d);
    d+= ~d; printf("\td=%d", d);
    return 0;
}
```

- A. d=1 d=-1
- B. d=-1 d= 1
- C. d=0 d=-1
- D. d=-1 d=-1
- E. run time error

Answer: A

5.

What will be output of following code ?

```
#include<stdio.h>
int main( void )
{
    int num1 = 0, num2 = -1 , num3 = -2, num4 = 1, ans;

    ans = num1++ && num2++ || ++num4 && num3++;

    printf("%d %d %d %d %d",num1, num2, num3, num4, ans);

    return 0;
}
```

- A. 0 0 -1 2 0
- B. 0 -1 -1 2 1
- C. 1 0 -1 2 0
- D. 1 -1 -1 2 1

Answer: D