

1.

```
#include <stdio.h>
int f(int n)
{
    for(int i=n;i>10;i--)
        if(n>=10)
            continue;
    return n+1;
}
int main( void )
{
    int y=f(12);
    printf("%d",y);
    return 0;
}
```

- A. 12
- B. 13
- C. 14
- D. Compile time error

Answer: B

2.

```
#include<stdio.h>
int function(int,int);
int main(void)
{
    int i=10,j=20;
    printf("before fun call :: i=%d j=%d \n",i,j);
    i=i+j;j=i-j;i=i-j;

    function(i,j);
    i=i+j;j=i-j;i=i-j;
    printf(" after fun call :: i=%d j=%d \n",i,j);

    return 0;
}
```

```
int function(int i,int j)
{
    i=i+j;j=i-j;i=i-j;
    return ++i, ++j;
}
```

- A. before fun call :: i=10 j=20  
after fun call :: i=10 j=20
- B. before fun call :: i=10 j=20  
after fun call :: i=20 j=10
- C. before fun call :: i=20 j=10  
after fun call :: i=10 j=20
- D. compile time error

Answer: A

3.

```
#include <stdio.h>
void swap(int x, int y);
int main()
{
    int a=1, b=10;
    printf("\n%d %d", a,b);
    swap(a,b);
    printf("\t%d %d", a,b);
    return 0;
}
void swap(int x, int y)
{
    x=10, y=1;

    x = x ^ y;
    y = x ^ y;
    x = x ^ y;

    return;
}
```

- A. 1 1 10 10
- B. 1 10 10 1
- C. 10 1 1 10
- D. Error
- E. 1 10 1 10

Answer : E

4.

```
#include <stdio.h>
int demo(char p1, char p2)
{
    char p3;
    p3 = ~p1 + ~p2;
    return p3;
}
int main(void)
{
    char p1 = 255, p2 = 256;

    char p3 = demo(~p1++, ~p2--);
    printf("%d %d %d\n", p1, p2, p3);

    return 0;
}
```

- A. -1 -1 0
- B. -1 0 -1
- C. 0 -1 -1
- D. None of the above

Answer: C

5.

```
#include <stdio.h>
int my = 0;
int myset(int my)
{
    printf("%d ", my++);
    return my = my <= 2 ? 5 : 0;
}
int main(void)
{
    int my = 5;
    myset( my/2 ); printf("%d ", my);
    myset( my=my/2 ); printf("%d ", my);
    my = myset( my/2 ); printf("%d ", my);
    return 0;
}
```

- A. 3 5 3 2 2 5  
B. 2 5 2 2 1 5  
C. 2 3 2 2 2 5  
D. 3 3 3 2 1 5

Answer: B