

4. What is the output of the following program?

```
#include <stdio.h>
void main() {
    int i = 0, k;
    label: printf("%d", i++);
    if (i == 0)
        goto label;
}
```

- (A) compilation error
 ✓ (B) 0
 (C) 1 2 3 4 ...
 (D) 0 1 2 3 4 ...
5. What is the output of the following program?

```
#include <stdio.h>
void main()
{
    int a=0, b=0;
    {
        int b=5;
        a++;
        b++;
        {
            int a=10;
            a++;
            b++;
            printf("%d, %d,", a, b);
            b=a;
        }
        printf("%d, %d,", a, b);
    }
    printf("%d, %d\n", a, b);
}
```

- (A) 2, 7, 2, 2, 2, 0
 (B) 11, 2, 1, 11, 1, 11
 (C) 11, 7, 11, 11, 1, 6
 ✓ (D) 11, 7, 1, 11, 1, 0

6. What is the output of the following statements?

0 2 2 3 1 5 6

```
enum var (x, y=2, z, e, f=1, g, h);
printf("x=%d, e=%d, h=%d", x, e, h);
```

- (A) x=1, e=4, h=7
 (B) x=1, e=4, h=3
 ✓ (C) x=0, e=4, h=3
 ✓ (D) x=0, e=3, h=6

7. What is the output of the following program?

```
#include <stdio.h>
void main()
{
    int a=5, b=1, c=10;

    if(a<c)
        printf("Less ");
    if(a=b)
    {
        printf("Equal ");

        if(a>b)
            printf("Greater1 ");
        if(c>b)
            printf("Greater2 ");
    }
}
```

- (A) Compilation error
 (B) Less
 ✓ (C) Less Equal Greater2
 (D) Less Equal Greater1 Greater2

8. The following statement is:

```
extern int i=0;
```

(A) A Declaration
 (B) A Definition
 (C) A Function
 ✓ (D) An Error