Introduction to Programming

Midterm – Model Questions

1. Determine which of the following are valid identifiers
    a) record1
    b)$tax
    c)name and address
    d) 123-45-678
    e) 3file

answer : a

2. What is the output of the following program.

```
int main(void)
{
    int a, b;
    a = 10; b = 20;
    printf("%d",a,b);
 }
```

 (a) 10 20   (b) 20 10 (c) 10 (d) 20 (e) run time error

answer : c

3. What is the output of the following program.

```
int main(void)
{
    int x = 128;
    printf("\n%d", 1+x++);
}
```

 (a) 128   (b) 129 (c) 130 (d) 1 (e) 2

answer : b

4. Find the output for the following C program

```
int main(void)
{
     int x = 2 , y = 6, z =6;
     x = y == z;
     printf("%d", x);
}
```

(a) 2   (b) 0 (c) 6 (d) 1 (e) None

answer : 1

5. What is the output of the following program.
```
int main(void)
{
     int a = 10;
     int b = 6;
     if (a = 3)
     b++;
     printf("%d %d\n", a, b++);
}
```

(a) 10 6   (b) 10 7 (c) 3 6 (d) 3 7 (e) none

answer : d