# COMP1411 MIDTERM EXAM:

QUESTION 1:

1. l = 10
2. m = 14
3. c = ‘r’
4. z is not declared so m cannot be computed. But if z was declared then: m = 5

QUESTION 2:

UP

QUESTION 3:

y = 8

z = 40

QUESTION 4:

numBoxes = 2

QUESTION 5:

1. write function prototype for function that receives height and length of a rectangle and returns the area of the rectangle.

int area(int height, int length){

int area = length \* height;

return area;

}

1. A function thar receives a character symbol (for example, ‘\*’) and an integer value n; and displays the character symbol for the n number of times.

void char\_display(char \*word, int n){

while(n!=0){

printf(“%c”, word);

n = n-1;

}

}

QUESTION 6:

Output generated by function:

4

7

6

QUESTION 7:

void stopatPair(int num){

if(num>=22 & num <=100){

for(int i=num; i>=22; i--){

if(num%11 == 0){

printf("%d ", num);

break;

}

else{

printf("%d ",num);

}

num = num - 1;

}

}

else{

printf("Input not in range");

}

}