**KING SAUD UNIVERSITY**

**COLLEGE OF APPLIED STUDIES AND COMMUNITY SERVICE**

 **CSC 1101 Second Semester 1439-1440**

**Tut # 3**

Q1.Where possible, write equivalents for the following equations using C statements:

1. $3a+4yx-6$

2. $\frac{3a}{b+4}$

3. $\frac{a+b+c}{3}$

Q2. Suppose a, b, sum are integer variables and c is a double variable; and a=3 and b=5 and c=14.1. What value is assigned to each variable after each statement executes?

1. sum = a+(int)c\* 2 ;

2. sum= b/2+a\*2;

3. c= b/2+a\*2;

4. sum=a\*++b/2;

5. sum= b++ - ++a;

6. sum= b%3+ (int)c;

Q3. State the order of evaluation of the operators in each of the following C statements and show the value of x after each statement is performed

* x = ( 3 \* 9 \* ( 3 + ( 9 \* 3 / ( 1+2 ) ) ) );