*17- State which of the following are true and which are false.*

*If false, explain your answers:*

a) C++ operators are evaluated from left to right.

==>false, operators have different priorities

b) The following are all valid variable names: \_under\_bar\_, m928134, t5, j7,

her\_sales,his\_account\_total, a, b, c, z, z2.

==>true

c) The statement cout<< "a = 5;"; is a typical example of an assignment statement.

==>false, this is an output statment

d) A valid C++ arithmetic expression with no parentheses is evaluated from left to right.

==>false, operators have different priorities

e) The following are all invalid variable names: 3g, 87, 67h2, h22, 2h

==>false, h22 is valid

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*21- 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.*

a) x = 7 + 3 \* 6 / 2 - 1;

==> \* -> / -> + -> -

b) x = 2 % 2 + 2 \* 2 - 2 / 2;

==> % -> \* -> / -> + -> -

c) x = ( 3 \* 9 \* ( 3 + ( 9 \* 3 / ( 3 ) ) ) );

==> \* -> / -> + -> \* -> \*