

Q1. Differentiate between :

- i. Expression and statement.
- ii. Pure and mixed expression.

Q2. Define: i) Compound statement. ii) Boolean expression.

Q3. Consider the following code:

```
Short x1 = 100, x2 = 200, x3 = 300 ;  
b = ( x3 - 2 * x2 < 0 ) || ( x3 < 2 * x2 ) ;
```

What will be the value and datatype of the variable b?