# **Java Exercise date 03-03-2020 Part 1**

**Question:** consider the following class definition:

public class MtermEx

{

private int x;

public MtermEx(int newValue)

{

x = newValue;

}

Which of the following is true about the class MtermEx?

a) it has no parent class

b) it’s parent class is Object

c) it’s parent class is Java

d) it can not be extended

e) it has a default child called Object

If q1 and q2 are objects of MtermEx, then q1.equals(q2)

a) is a syntax error since equals is not defined in the MtermEx class

b) is true if q1 and q2 both store the same value of x

c) is true if q1 and q2 reference the same MtermEx object

d) is never true

e) throws a NullPointerException

**Answer:**

Which of the following is true about the class MtermEx?

a) it has no parent class

c) it’s parent class is Java

If q1 and q2 are objects of MtermEx, then q1.equals(q2)

c) is true if q1 and q2 reference the same MtermEx object