Physics – Quiz 1 (10 marks)

Student's Name: _____

Grade 10th

مدارس البكالوريا
BACCALAUREATE SCHOOLS

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Q1) Define the following:

Electric Force is _____
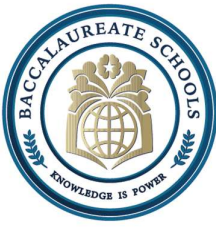
Coulomb (C) is _____

Q2) Complete the following:

The electric force type between two like charges is _____ and between two different charges is _____.

The law that governs electric force between charges is _____.

When distance between charges increases the electric force between them _____.

Q3) Three-point charges *A = -4 C, B = 4 C, C = -4 C*, lie on the same line where the distance between *A and B is 1.2 m* and distance between *B and C is 1 m.*

Find the total force on charge B? (<u>Draw a diagram of the situation showing all info and forces</u>)