**REASONING**

Q.1 Why plates are placed parallel in parallel plate capacitors?

Ans: when plates are placed parallel then charges are collected at one place due to induction. The empty space is then filled with charges. (Ability to store charges increase)

Q.2

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* ·Coulomb’s law resembles Newton’s law of gravitation but one difference in the two laws is that gravitational laws are always attractive, whereas electrostatic forces can be repulsive or attractive, depending upon whether the two charges have same or opposite signs.