

Q: Explain electrostatic force.

Ans- Electrostatic force between two at a distance either repel or attract each other. Unlike charges attract while the like charges repel.

H.W  
 $F = \frac{kq_1q_2}{r^2}$

Q: What is friction? what are the effects of friction?

Ans- Friction is a contact force which opposes the motion of an object when it is in contact with a surface. It always acts in opposite the opposite direction of the motion of an object.  
Effects of friction are -

- It opposes motion.
- It always acts in a direction opposite to the direction of motion of an object.
- It produces heat.
- It causes wear and tear.