

## Ch-3 force

Date / /

Page No.

15- What is the cause of friction?

Ans- Cause of Friction:- Friction is a force that resists the relative motion between two objects or materials. The causes of this resistive force are molecular adhesion, surface roughness, and deformations. Adhesion is the molecular force resulting when two materials are brought into close contact with each other.

16- State two factors which directly affect the force of friction

Ans- Two factors which directly affect the force

of friction are:

The presence of solid, liquid, or gas around the moving body.