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Very Short Answer Questions –

1 When does a force do work (a) maximum (b) minimum?

2 What is work done by gravitational force exerted by the sun on earth?

3 If two bodies stick together after collision, will the collision be elastic or inelastic?

4 Which physical quantities are conserved in an elastic collision?

5 Name the physical quantity which is expressed as the dot product of force and velocity.

6 Give three examples of conservative forces.

7 What is force constant of a spring? Give its SI unit.

8 Name the process in which momentum is conserved but kinetic energy is conserved.