

DELHI PUBLIC SCHOOL, JAMMU
SESSION-2024-25
MONTH- AUGUST
ASSIGNMENT

CLASS-IX

SUB: PHYSICS

TOPIC: FORCE & LAWS OF MOTION

1. Name the scientist who proved for the first time that objects move with constant speed when no force acts on them. 1
2. Write the C.G.S unit of force 1 .
- 3.State Second law of motion. 1
- 4.Why do bicycles begin to slow down when we stop pedaling? 2
5. Describe our walking in terms of Newton's third law of motion? 2
- 6.What is the acceleration produced by a force of 12 newton exerted on an object of mass 3 kg? 3