

WORK SHEET – Module –2/5

Sub: SCIENCE (PHYSICS)

Class: IX

Chap – 9 , FORCE AND LAWS OF MOTION

Name: _____ Roll No. _____ Class/ Sec _____

Date: _____ Max. Marks ; _____ Marks Obtained _____

Answer the following questions in a word or a sentence. Each question carries one mark.

1. When we consider force acting on a body, do we mean balanced or unbalanced force? (1m)
2. Name the unbalanced force that stops a ball rolling on the ground? (1m)
3. Name the property of bodies due to which they resist change in their state of rest or state of uniform motion along a straight line? (1m)
4. On what factor does the inertia of a body depend? (1m)
5. The masses of two objects are 2 kg and 20 kg .Which body has greater inertia? (1m)
6. What is the other name for Newton's first law of motion? (1m)
7. When the branch of a tree is shaken, its fruits fall down. Give reason. (1m)
8. Why does a person in a bus tend to fall forward when it stops suddenly? (1m)
9. Why does a person in a bus tend to fall backwards when it starts suddenly? (1m)
10. Some times a person thrown out of the bus when the driver takes a sharp turn. Why? (1m)

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WORK SHEET – Answer key Module –2/5

1. Unbalanced force
2. Force of friction
3. Inertia
4. Mass
5. 20 kg
6. Law of inertia
7. Inertia of rest
8. Inertia of motion
9. Inertia of rest
10. Inertia of direction.