

Time : 45 Min.

Marks : 20

	Project Work	Lab Activity	Written Works	Slip Test	Total
Allotted Marks	10	10	10	20	50
Scored Marks					

I. Answer the following questions :**4 x 1 = 4 M**

1. What is gravitational force ?
2. How does the frictional force vary with the change in the area of contact ?
3. Name the two factors on which the magnitude of the frictional force depends.
4. What is pressure ? Write the units of pressure.

II. Answer the following questions :**3 x 2 = 6 M**

5. 'Objects move through fluids are given special shapes' why ?
6. Name the forces acting on a plastic bucket containing water held above ground level in your hand. Discuss why the forces acting on the bucket do not bring a change in its state of motion.
7. Why do stone thrown up into the sky comeback and falls on the earth?