

SLIP TEST-2(1)
CHAPTER-2 : FRICTION

Name:..... Section:..... Roll No:..... Max.Marks:20

I. Answer the following questions. Each carries four marks. 2 x 4 = 8 M

- 1) "Friction is both friend and foe to us."- Explain.
- 2) Explain an activity to observe the effect of normal force on friction.

II. Answer the following questions briefly. Each carries two marks. 2 x 2 = 4 M

- 3) What conditions are needed for static friction to come into play?
- 4) What are the affecting factors of friction?

III. Answer the following in one or two sentences. Each carries one marks. 2 x 1 = 2 M

- 5) Define lubricants.
- 6) Where do we use ball bearings?

IV. Choose the correct choice and write down in the given brackets. 6 x 1 = 6 M

- 7) opposes the movement between the surfaces in contact with each other []
 A. Pressure B. Tension C. Friction D. Mass
- 8) Friction produces []
 A. Electricity B. Heat C. Sound D. Magnetism
- 9) This is not a fluid []
 A. Liquid B. Solid C. Gas D. Liquid / Gas
- 10) If area of contact increases, then the friction force []
 A. Increases B. Decreases
 C. Either increases or decrease D. Remains same
- 11) If a book is placed on the table. There exists friction []
 A. Sliding B. Rolling C. Static D. Fluid
- 12) Identify friction force direction []

