

ASSIGNMENT-1

BRANCH-MECHANICAL ENGINEERING

SUBJECT- APPLIED MECHANICS

CHAPTER-FRICTION

SHORT ANSWER TYPE QUESTIONS

- Q1. Define Friction
- Q2. Define types of Friction
- Q3. Define Limiting Friction
- Q4. Define Normal Reaction
- Q5. Define Coefficient of Friction
- Q6. Define Angle of Friction
- Q7. Define Angle of Repose

LONG ANSWER TYPE QUESTIONS

- Q8. Explain static and dynamic friction in detail
- Q9. Differentiate between sliding and rolling friction in detail
- Q10. Explain equilibrium of a body lying on a horizontal plane
- Q11. Explain equilibrium of a body lying on a rough inclined plane
- Q12. Give advantages and disadvantages of friction
- Q13. Give methods of increasing/decreasing the force of friction.
- Q14. Explain Laws of Static friction