

Model Question Paper
B.Tech Degree Examination
Semester VIII Mechanical Engineering

ME 010 805 G01 Industrial Safety

Time 3 Hours.

Answer all Questions.

Max.Marks: 100.

PART A (5 x 3 = 15)

- 1.What do you understand by Industrial safety? How safety and productivity are related?
- 2.Destinguish between accident and incident.
3. What is safety audit ? What is the need of safety audit?
- 4.What is a hazard ?. List causes of hazards.
- 5.What is a fire triangle ? What are its elements?

PART B (5 x 5 = 25)

6. Write notes on safety committees.
7. “Accidents can lead to safety”. Comment on the statement giving your reasons.
8. Discuss in detail the objectives of Plant Safety Inspection.?
9. List and explain the hazards that are possible due to improper house-keeping in industries.
10. Describe the classification of fire.

PART C (5 x 12 = 60)

11. Describe the evolution of safety movement in industry.
OR
12. Explain the important consideration while planning for safety.

13. Describe the nature and causes of accidents.
OR
- 14.What is the importance of safety education and training?. What are the various training methods

15. Describe the role of management, supervisors, workmen, unions and government in safety.

OR

16. Describe (i)safety sampling (ii) safety survey

17. Discuss the various electrical hazards in industries and the electrical safety devices used.

OR

18. Discuss the various mechanical hazards in industries and the safety devices used.

19. Describe the factors contributing towards fire in an industry. Also, explain the chemistry of fire.

OR

20. Describe personal fire protective equipments, its need and selection criteria.