

Question bank (I scheme)

Name of Subject: Industrial safety and maintenance

Subject code: 22408

Semester: Third

Course: CH

Unit test I

Topic1: Plant maintenance (14 marks)

2 marks

1. Define plant.
2. Write types of plant maintenance.
3. What is shut down maintenance?
4. What is plant maintenance?

4 marks

5. Explain objectives of plant maintenance.
6. Explain functions or responsibilities of plant maintenance.
7. Explain corrective maintenance.
8. Explain online maintenance with one example.
9. What is scheduled maintenance?
10. Explain preventive maintenance.

Topic 2: industrial hazards (16 marks)

2 marks

11. Define hazard and types of hazards
12. What are the objectives of safety audit?
13. What is mechanical hazard?
14. Define fault tree and event tree.
15. Type and sources of radiation hazard.
16. Define MCAA (Maximum credible accident analysis).

4 marks

17. Explain classification of explosives.
18. Explain health hazard of infra-red radiation.
19. What is HAZOP (hazard and operability studies).
20. Explain SIL (safety integrity level).
21. Explain MORT (managerial oversight review technique).
22. Explain FMEA (failure mode and effect analysis).
23. Explain HAZAN (Hazard analysis).
24. Write procedure for safety audit.
25. Explain records to be examined during safety audit.