

End Semester Examinations - 2015-16 Even Semester - May 2016

14ME2035 Industrial Safety Engineering

Set B

Time : 3 hrs
Total Marks: 100

1. a. Describe the Factors to be Considered In Maintenance Planning (12)
b. In Detail explain the various types of approach in Maintenance (8)

OR

2. a. list out the various function of Safety Director (14)
b. Discuss in Detail about the function and activities of Maintenance (6)

3. Explain the various steps involved in Industrial safety efforts that have been referred to as the people safety program (20)

OR

4. If you were a chief executive appointing a **SAFETY DIRECTOR**, what would you tell him should be the **OBJECTIVE OF SAFETY MAINTENANCE** and the order of importance given by him (20)

5. Why is material handling a significant problem for safety specialists and prepare a recommendation for safe operation of trucks and conveyor (20)

OR

6. When designing a chemical plant layout, why would a safety manager consider other chemical plants incidents while designing (20)

7. Enumerate the safety responsibility to be followed by the heat treatment furnace operator (20)

OR

8. a. Explain the step by step procedure for studying risk assessment in a paint shop during installation (15)
b. Explain the need of respiratory protection during welding process (5)

9. a. Enumerate the hazardous metals that harmful to the health of welding operator during the welding process (15)

- b. Describe the importance of electrical safety during the various welding operation (5)
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Wishing you All the Best
