

Time: 2.30 Hrs

Marks: 60

Instructions: i. All Questions are compulsory

ii. All questions carry equal marks

iii. Draw neat and labeled diagrams wherever necessary

1. Answer any two questions from the following

- a. Define Industrial Hygiene and explain in detail scope, significance and application of Industrial Hygiene. 06
- b. Give a brief note on Chemical Stresses 06
- c. Explain in detail Threshold Limit Values 06

2. Answer any two questions from the following

- a. Give a brief note on Work Environment Control Measures. 06
- b. Differentiate between Bagassosis and Byssiniosis. 06
- c. Explain in detail House Keeping and Maintenance. 06

3. Answer any two questions from the following

- a. Explain in detail Maximum Credible Accident Analysis 06
- b. Define Disaster Management Plan and give a brief note on On site Emergency Plan 06
- c. Give a brief note on Cyclones and their mitigation measures. 06

4. Answer any two questions from the following

- a. Give a brief note on safety in pipelines and colour coding. 06
- b. Explain in detail Handling and Storage of Hazardous Chemicals. 06
- c. Differentiate between Respiratory personal protective equipment (RPPE) & Non respiratory personal protective equipment (NRPPE) 06

5. Answer any four questions from the following

- a. STEL 03
- b. Report Writing 03
- c. Floods 03
- d. Volcanic Activity 03
- e. Flammables 03
- f. PHA 03

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