

P73/FSM103/EE/20160520

Time : 3 Hours

Marks : 80

Instructions :

1. All Questions are Compulsory.
 2. Each Sub-question carry 5 marks.
 3. Each Sub-question should be answered between 75 to 100 words. Write every questions answer on separate page.
 4. Question paper of 80 Marks, it will be converted in to your programme structure marks.
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1. Solve any **four** sub-questions.
 - a) Write the principles of accident prevention. 5
 - b) Why is good planning for a building necessary for creating safe working conditions? 5
 - c) What are the objectives of NSC? 5
 - d) What are the main duties of safety supervisor in a chemical plant? 5
 - e) What are the basic factors which are created in maintaining individual talent? 5
2. Solve any **four** sub-questions.
 - a) Short note on escape routes. 5
 - b) List the persons who are essential at the time emergency in a LPLs plant. 5
 - c) What do you understand by mutual aid scheme? 5
 - d) What do you understand by inhalation of chemical? How is it prevent? 5
 - e) Write a note on noise hazard control methods. 5

3. Solve any **four** sub-questions.
- a) Describe the cost of damage to material and equipment. 5
 - b) Describe Motivating Management. 5
 - c) Explain TLV–TWA. 5
 - d) What are the chemical that may occur during transportation of dangerous chemicals? 5
 - e) Explain the basic aspects of an on-site plan. 5
4. Solve any **four** sub-questions.
- a) What are the main results when chemicals are in contact with the human skin? 5
 - b) Explain the PPE's. 5
 - c) What are the causes of accident? 5
 - d) Explain Mutual aid and liaison with other agency. 5
 - e) In case of an accident what are the steps for supervisor to be followed. 5

