

# P96/FSE106/EE/20160524

Time : 3 Hours

Marks : 80

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## 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 down constructional feature of CO<sub>2</sub> type Extinguisher. 5
  - b) What safety precaution you will take during storage on chemicals? 5
  - c) What precaution taken while handling dangerous substances? 5
  - d) Which type of Electrical apparatus are used in highly inflammable explosive atmosphere? 5
  - e) Write down Constructional features of DCP Extinguisher. 5
  
2. Solve any **four** sub-questions.
  - a) How fire hazard can be prevented by good earthing? 5
  - b) What is Fire and Write triangle of fire? 5
  - c) What are the methods of Extinguishment fire? 5
  - d) Draw a well labelled diagram of water CO<sub>2</sub> type extinguisher. 5
  - e) What are the difference between AC and DC Current? 5

3. Solve any **four** sub-questions.
- a) Write a short note on Welding Safety. 5
  - b) Write Care and Inspection procedure of ladder. 5
  - c) Discuss Overload and circuit protection. 5
  - d) Discuss classification of petroleum as per flash point? 5
  - e) What precaution you will take while working with Grinding machine? 5
4. Solve any **four** sub-questions.
- a) Write a short note on Static electricity. 5
  - b) Prepare a checklist for switch room and substation building. 5
  - c) Draw a well labelled diagram of Distillation process. 5
  - d) Write a short note on Safe Operation of Boiler. 5
  - e) Describe Starvation process. 5

