

## P96/FSE105/EE/20160523

**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 the Domino theory. 5
  - b) What are the Causes of Accident? 5
  - c) Explain the accident prevention method. 5
  - d) What is The Role of Safety Supervisor? 5
  - e) Difference between Unsafe Condition and Unsafe Act. 5
  
2. Solve any **four** sub-questions.
  - a) Why need for emergency planning of any industries? 5
  - b) What is Assembly Point? 5
  - c) What are types industrial hazards? 5
  - d) Why is objectives of On-Site Emergency Plan? 5
  - e) Write down the procedure of unloading from chemical tankers. 5

3. Solve any **four** sub-questions.
- a) Describe the labeling system for hazards chemicals. 5
  - b) Write down the techniques of J.S.A. 5
  - c) Why is importance of motivation for safety in any industry? 5
  - d) Explain the Safety Audit. 5
  - e) Write down the difference between Safety Survey and Plant Safety Inspection. 5
4. Solve any **four** sub-questions.
- a) Describe Frequency Rate and Severity Rate with formula. 5
  - b) Explain the Fundamentals of Safety. 5
  - c) Write down the precaution to be taken while working at height. 5
  - d) What is PPE's? Explain any two. 5
  - e) Explain the cost of accident. 5

