

Total No. of Questions :10]

[Total No. of Printed Pages :2

[2]

Roll No .....

**FT - 704 (NGS)**

**B.E. VII Semester**

Examination, June 2015

**Safety Engineering and its Industrial Application**

*Time : Three Hours*

*Maximum Marks : 100*

*Minimum Marks : 35*

**Note:** Attempt five questions. Each question carry equal marks.  
Internal choices have been given.

1. Describe safety committee organization and its functions?

OR

2. Write short notes on:

- a) Safety in material handling
- b) Unsafe conditions

3. Describe the need and limitations of personal protective equipments.

OR

4. Write short notes on:

- a) Local exhaust ventilation
- b) Hazard and risk assessment techniques

5. Describe the control measures for noise in the industries which can be adopted at source, path and receiver?

OR

6. Write short notes on:

- a) Machine guarding
- b) Safety in process plants

7. Write down importance of safety audit. Describe its methodology and procedure.

OR

8. Write short notes on:

- a) Safety in handling corrosive substances
- b) Classification of flammable liquids

9. What is refractory? Write down hazards and their control measures in industries manufacturing refractories.

OR

10. Write short notes on:

- a) Hazards and their control in LPG bottling plant.
- b) Hazards and their control in solvent extraction plant.

\*\*\*\*\*