

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI • EXAMINATION – WINTER 2013

Subject Code: 161305

Date: 04-12-2013

Subject Name: Occupational Health and Safety

Time: 02:30 pm to 05:00 pm

Total Marks: 70

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q-1** (a) What is mean by occupational diseases? Explain any one in detail. **07**
(b) Discuss the preventive measures for Occupational Hazards. **07**
- Q-2** (a) Explain Accident Causes Factors. **07**
(b) Write a Short note on Bhopal Gas Tragedy. **07**
- OR
- (b) What are the Factors Impending Safety? **07**
- Q-3** (a) Explain the Concept of Safety & Philosophy of Safety. **07**
(b) What is Explosion? Give the Classification of Explosion. **07**
- OR
- Q-3** (a) What is Fire? Give the Classification of Fire. Explain Some Causes of Fire Triangle in detail. **07**
(b) Explain Safety Terminology. **07**
- Q-4** (a) Discuss in brief HAZOP. **07**
(b) Write a short note on On-Site Emergency Plan. **07**
- OR
- Q-4** (a) Discuss in brief HAZAN. **07**
(b) Write a short note on Off-Site Emergency Plan. **07**
- Q-5** (a) Explain in Brief PPE. **07**
(b) Explain in Detail Electrical Safety. **07**
- OR
- Q-5** (a) What do you mean by the term ergonomics? Explain its Application. **07**
(b) Explain in Detail the Rout of Entry of Toxic material in to Human Body. **07**
