

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BE - SEMESTER-VI • EXAMINATION – SUMMER 2013

Subject Code: 161305

Date: 30-05-2013

Subject Name: Occupational Health and Safety

Time: 10.30 am - 01.00 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) Define safety organization and enlist the objectives of safety Organization. | 07 |
| | (b) What is mean by occupational diseases? Explain any one in detail. | 07 |
| Q-2 | (a) Discuss occupational hazards. | 07 |
| | (b) Explain the preventive measures for accident. | 07 |
| | OR | |
| | (b) Explain dangerous properties of chemicals. | 07 |
| Q-3 | (a) Explain safety terminology | 07 |
| | (b) Explain classes of fire. | 07 |
| | OR | |
| Q-3 | (a) Write short note on safety organization. | 07 |
| | (b) Classify the fire extinguisher in detail. | 07 |
| Q-4 | (a) Write a short note: Bhopal Gas Tragedy | 07 |
| | (b) Enlist the main safety measures for electric work and explain any two in detail. | 07 |
| | OR | |
| Q-4 | (a) Discuss in brief HAZOP | 07 |
| | (b) Enlist the main objectives of major hazard control system. | 07 |
| Q-5 | (a) Enlist the factors affecting the selection of personal protective Equipment (PPE). | 07 |
| | (b) Write a short note on even tree analysis | 07 |
| | OR | |
| Q-5 | (a) Discuss in brief HAZAN | 07 |
| | (b) Write a short note on On-Site Emergency Plan | 07 |
