



# CBCS SCHEME

15MN742

## Seventh Semester B.E. Degree Examination, Dec.2019/Jan.2020 Occupational Health and General Safety

Time: 3 hrs.

Max. Marks: 80

**Note: Answer any FIVE full questions, choosing ONE full question from each module.**

### Module-1

- 1 a. Explain the recommendations of Seventh (7<sup>th</sup>) Safety Conference related to mining industry. (08 Marks)
- b. Explain Safety Education and Training in Mining Industry. (08 Marks)

**OR**

- 2 a. Explain the recommendations of Eight (8<sup>th</sup>) Safety Conference related to Mining Industry. (08 Marks)
- b. Explain the health and safety program related to Mining Industry. (08 Marks)

### Module-2

- 3 a. Explain the miners diseases – Silicosis and Anthracosis – with sources and preventive measures. (08 Marks)
- b. Explain the duties and responsibilities of superintendent as per Mines Rescue Rule - 1985. (08 Marks)

**OR**

- 4 a. Explain the permissible standard of dustiness in a mine. (08 Marks)
- b. Explain the provision of Fresh Air Bases as per Mines Rescue Rule - 1985. (08 Marks)

### Module-3

- 5 a. Explain the standing order in event of fire. (08 Marks)
- b. Explain the bye – laws related to Diesel Locomotives. (08 Marks)

**OR**

- 6 a. Explain the standing order of inundation. (08 Marks)
- b. Explain the bye – laws of Bulk Transportation of explosives. (08 Marks)

### Module-4

- 7 a. Explain the causes and preventive measures of various accidents. (08 Marks)
- b. Write an accident enquiry report for accident due to machine failure. (08 Marks)

**OR**

- 8 a. Explain the classification of accidents. (08 Marks)
- b. Write an accident enquiry report for accident due to roof fall. (08 Marks)

### Module-5

- 9 a. Explain about Collection and Presentation of accidental records. (08 Marks)
- b. Explain about accident compensation. (08 Marks)

**OR**

- 10 a. Explain the inspection for safety in Mine. (08 Marks)
- b. Explain Job Safety Analysis in a Mine. (08 Marks)

\*\*\*\*\*

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.  
2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.