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CBCS SCHEME

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15MN742

Seventh Semester B.E. Degree Examination, Jan./Feb. 2021
Occupational Health and General Safety

Time: 3 hrs. Max. Marks: 80

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

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.

Module-1

1 Define General Safety. Explain the 5th, 8th, 10th safety Conferences Agenda and Highlights. **(16 Marks)**

OR

2 Explain the purpose of Safety feedback methods and the outcomes. **(16 Marks)**

Module-2

3 a. Define Nystagmus. Explain its effects and remedial measures. **(08 Marks)**
b. Define Silicosis. Explain its effects and remedial measures. **(08 Marks)**

OR

4 Explain different permissible standards of mine dust, mention the permissible dust limit in India and USA. **(16 Marks)**

Module-3

5 Explain different standing orders in events of fires in mines. **(16 Marks)**

OR

6 Define Bye-Laws. Explain the different Bye-Laws of ANFO. **(16 Marks)**

Module-4

7 Define Accidents in Mines. Classify different accidents in mines, causes and preventive measures of various accidents. **(16 Marks)**

OR

8 Define Roof fall. Explain how the roof fall occurs and effects of roof fall with a suitable examples. **(16 Marks)**

Module-5

9 Define ZAP. Explain how the MAP records should represent. **(16 Marks)**

OR

10 What are the different accidental compensations in mines? How the job safety analysis records. **(16 Marks)**

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