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Total No. of Pages : 02

Total No. of Questions : 09

B.Tech. (Ind. Engg. & Mgt.) (Spl. in TQM) (Sem.-6)
INDUSTRIAL SAFETY, HEALTH & ENVIRONMENT

Subject Code : IEM-605

M.Code : 71001

Time : 3 Hrs.

Max. Marks : 40

INSTRUCTIONS TO CANDIDATES :

1. Attempt All EIGHT questions from SECTION-A carrying TWO marks each.
2. Attempt any SIX questions out of EIGHT from SECTION-B carrying FOUR marks each.

SECTION-A**1. Answer briefly :**

- a) How is the cost of an accident assessed?
- b) What are methods of risk control?
- c) What are different types of fires?
- d) How does the industrial hygiene affect productivity?
- e) How is working environment related to safety?
- f) What are different types of industrial waste that can be reused?
- g) What do you understand by 'carbon credits' and 'emission trading'?
- h) What is OHSAS 18001?





SECTION-B

2. Explain different types of health hazards in a welding workshop.
3. What type of planning and standards are followed to prevent the fire loss?
4. Explain various health hazard agents in industrial units.
5. What are different types of noise? What is its effect? What are methods of noise protection?
6. What is soil pollution? Explain its causes, prevention and control.
7. What is rain water harvesting? Explain its methods and benefits.
8. Explain the role and working of Environmental Regulatory Agencies in India?
9. What is sustainable development planning? Explain the impact of industrial development on health and environment.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

