



QP CODE: 26802203



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Reg No :

Name :

MBA DEGREE EXAMINATION, MAY 2026

Fourth Semester

MASTER OF BUSINESS ADMINISTRATION

ELECTIVE - 24MB04FE36 - INDUSTRIAL SAFETY & OCCUPATIONAL HEALTH

2024 ADMISSION ONWARDS

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Time: 3 Hours

Maximum Marks: 60

Part A

*Answer any **five** questions. Each question carries 2 marks.*

1. What is Hazard Analysis?
2. List the purpose of risk assessments.
3. List four common causes of industrial accidents.
4. List two examples of work-related diseases.
5. List the key elements of a workplace.
6. List few occupational diseases related to steel industry.
7. List the various causes of fire.

(5×2 = 10 Marks)

Part B

*Answer any **five** questions. Each question carries 6 marks.*

8. Explain the concept of safety at the workplace.
9. Discuss the responsibilities of organizations toward employees, society, and government in ensuring industrial safety.
10. Discuss how understanding various accident causation models can guide organizations in designing comprehensive prevention programs.
11. Describe the major functions and contributions of the National Safety Council in promoting occupational safety and health across India.
12. Discuss the causes, characteristics, and classification of occupational diseases with suitable examples.





13. Explain the key methods and steps involved in workplace accident investigation and root cause analysis.
14. Discuss the basic steps followed in accident investigation.

(5×6 = 30 Marks)

Part C

*Answer any **two** questions. Each question carries **10** marks.*

Question number 17 is compulsory .

15. Illustrate FTA with an example.
16. A company notices that employees who work long hours on computers are experiencing eye strain, headaches, and back pain. How can ergonomic principles be applied to improve occupational health in this organization?

Compulsory Question

17. In a packaging factory, a worker operating an automated cutting machine accidentally pressed the wrong control button, causing the machine to start while another worker was cleaning it. The cleaning worker suffered serious injuries. Investigation revealed that the machine controls were confusing and there was no proper training given to new workers.

Questions

1. Analyze the role of human error in this accident.
2. Identify the root causes of the incident.
3. Explain how hazard analysis could have prevented this accident.
4. Suggest corrective measures to minimize human error in industrial operations.

(2×10 = 20 Marks)

