

M. SC. (INDUSTRIAL SAFETY)

(MSCIDS)

Term-End Examination

June, 2026

MIS-037 : SAFETY AUDIT

Time : 3 Hours

Maximum Marks : 70

Note : Attempt any *five* questions. All questions carry equal marks.

1. (a) Discuss the importance of safety audits in risk management. 7
- (b) Describe the key components of a Safety Management System (SMS). 7
2. (a) What is a Compliance Audit ? What are its scope, checklists, and outcomes ? 7
- (b) Explain the key steps in developing an effective audit plan. 7

3. (a) How interviews be conducted during audits ? How can the resistance of employees to participate in interviews be managed ? 7
- (b) How do organisations ensure multilevel compliance with local, national and international safety requirements ? 7
4. (a) Explain the use of the severity *vs.* probability matrix in risk analysis. How does this tool aid in prioritizing workplace risks ? 7
- (b) How can feedback loops enhance the effectiveness of safety control measures ? 7
5. (a) How should organisations conduct and evaluate emergency drills and simulations ? 7
- (b) Explain different types of emergency reports typically prepared during an incident. Discuss the purpose and content of each type. 7

6. (a) How can auditors ensure diplomacy when reporting audit findings to prevent defensiveness and foster improvement ? 7
- (b) How should confidentiality and data privacy be maintained in audit process ? Why is it important ? Explain briefly. 7
7. (a) Discuss, how learning from mistakes and near misses contribute to safety improvements. Describe strategies to encourage reporting. 7
- (b) Describe the role of Internet of Things (IoT) and drones in enhancing emergency and safety audits. What are their main applications and limitations ? 7

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