

1799

October 2024

Time - Three hours
(Maximum Marks: 100)

N.B. Answer all the questions, choosing any two subdivision from each question. Each subdivision carries 10 marks.

1.
 - (a) What are the general concepts of management? Explain.
 - (b) How do you plan for safety in industries without affecting the productivity?
 - (c) Explain the various steps of job safety analysis.
 - (d) What is safety sampling? Explain its techniques.

2.
 - (a) Explain the various training methods.
 - (b) What are the methods of promoting safe practices among employees? Explain any two of it.
 - (c) Why it is necessary to train the employees? Also write its importance.
 - (d) Explain about domestic safety and training.

3.
 - (a) What are the components of safety audit? Explain.
 - (b) Explain about safety audit methodology.

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- (c) What are the various steps that can be taken to prevent accidents in the industry?
 - (d) Explain the procedure to be followed during accident investigation.
- 4.
- (a) What is pollutant? What are the various sources of air pollution?
 - (b) Write about the effects of water pollution on human and environment.
 - (c) Explain about the technological ways to classify waste during collection.
 - (d) Explain the various methods of disposal of hazardous waste.
- 5.
- (a) Explain the various sources of pollution from cement industry and how it can be controlled.
 - (b) Why it is necessary to follow pollution control techniques in textile industries?
 - (c) What are the various pollution control techniques carried out in thermal power plant?
 - (d) Explain about Tamilnadu factories rules under factories act 1948.