

**P. G. CERTIFICATE IN INDUSTRIAL
SAFETY/P. G. DIPLOMA IN
INDUSTRIAL SAFETY
(PGCINDS/PGDINDS)**

Term-End Examination

December, 2022

**MIS-022 : INDUSTRIAL SAFETY : RULES
AND ACTS**

Time : 3 Hours

Maximum Marks : 70

Note : (i) *Question No. 1 is compulsory.*

(ii) *Answer any **five** questions from
remaining Q. No. 2 to 8.*

1. (A) Answer the following objective type questions : 5×2=10

(i) Which of the following cases are related to Doctrine of Eclipse ?

(a) Deep Chand *vs.* State of U. P.

P. T. O.

- (b) State of Gujarat *vs.* Ambica Mills
 - (c) Dulare Lodh *vs.* 3rd Additional District Judge
 - (d) All of the above
- (ii) Recently Union of India *vs.* Sriharan dealt with :
- (a) Compensation
 - (b) State power of remission
 - (c) Restitution
 - (d) Probation
- (iii) Hazard identification mainly focus on :
- (a) Chemical source and concentration
 - (b) Chemical exposure
 - (c) Chemical analysis
 - (d) Chemical pathway
- (iv) The process determines whether exposure to a chemical can increase the incidence of adverse health effect.
- (a) Hazard Identification

- (b) Exposure Assessment
 - (c) Toxicity Assessment
 - (d) Risk characterization
- (v) Which of the following is not a category of property risk ?
- (a) Loss of property due to fire, wind, water or other hazards
 - (b) Liability losses resulting from negligent use of property
 - (c) Loss of value through economic obsolescence
 - (d) Financial loss resulting from death or disability of the wage earner
- (B) Answer the following very short answer type questions : 2 each
- (i) What is safety ? How do we define it ?
 - (ii) What is Occupational Safety Training ?
 - (iii) What are the benefits of safety ?
 - (iv) What is Risk Assessment ?
 - (v) What is the punishment for cheating by using computer resources ?

2. (a) What is EMS ? How is it related to Safety Engineering ? 5
- (b) Describe in brief the industrial safety management. 5
3. (a) Discuss how workers are to be trained about their roles in safety and health programmes. 5
- (b) What are the general responsibilities of an occupier according to Factories Act, 1948 ? Discuss. 5
4. (a) Discuss the role of an occupier in case of health and safety, particularly in hazardous factories. 5
- (b) Explain the four dimensions of responsibilities that a factory manager is required to discharge. 5
5. (a) What is safety audit ? What is its significance ? How is it differ from financial audit ? 5

- (b) Explain about providing the facility of first aid as a welfare measure in factory. List out the important items to be kept in the first aid box. 5
6. (a) What do you understand by the term 'Liability' ? How do you approach liability with legal sense ? 5
- (b) Briefly explain about the judgment related to computer related offences. 5
7. (a) What are the contravention of offences under Factories Act, 1948 ? Discuss. 5
- (b) Discuss the specific responsibilities of the occupier in relation to hazardous process. 5
8. Write short notes on any *two* of the following : 5+5
- (a) Safety and occupational health
- (b) Risk assessment
- (c) Direct loss and Indirect loss