

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

PGDIS DEGREE EXAMINATION MAY 2024
(First Semester)

Branch – PG DIPLOMA IN INDUSTRIAL STUDIES

**MAJOR ELECTIVE COURSE- I: LEGISLATION ON ENVIRONMENTAL HEALTH
AND SAFETY**

Time: 3 hours

Maximum: 75 Marks

SECTION – A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10x1=10)

1. In which year did factories act come into force?
A. 23rd September, 1948 B. 1st April, 1949
C. 4th April, 1949 D. 12th September, 1948
2. The Employees' State Insurance Act, 1948 provides for which of the following benefits to industrial workers in India?
A. Maternity benefits
B. Compensation for occupational diseases
C. Medical benefits
D. All the above
3. The Indian Boiler Act, 1923, primarily focuses on:
A. Regulation of boiler safety standards
B. Establishment of workers' welfare funds
C. Management of industrial waste
D. Prevention of child labor
4. Which of the following authorities is responsible for enforcing the provisions of the Petroleum Act, 1934, in India?
A. Ministry of Petroleum and natural Gas
B. Petroleum and Explosives Safety Organization (PESO)
C. Ministry of Environment, forest and climate change
D. National Disaster Management Authority
5. Which of the following is a key feature of the building and other construction workers (Regulation of Employment and Conditions of Service) Act, 1996?
A. It mandates the registration of construction workers
B. It provides for the establishment of a welfare board
C. It ensures safety measures at construction sites
D. All of the above
6. The Dock Workers (Safety, Health and Welfare) Act, 1986, aims to ensure the safety and welfare of workers employed in:
A. Construction sites B. Docks and ports
C. Power plants D. Textile factories
7. The hazardous and other wastes (Management and transboundary Movement) rules were established under which environmental act in India?
A. The Environmental (Protection) Act, 1986
B. Water (Prevention and Control of Pollution) Act, 1974
C. Air (Prevention and Control of Pollution) Act, 1981
D. Forest (Conservation) Act, 1986
8. The Environmental Protection Act, 1986, empowers the central government to take measures for:
A. Ensuring occupational safety in hazardous industries
B. Prevention and control of water pollution
C. Regulation of child labor
D. Promotion of export-oriented industries

Cont...

9. The National Green Tribunal (NGT) was established in India for effective and expeditious disposal of cases relating to:
A. Industrial disputes B. Environmental protection
C. Labour welfare D. Contractual obligations
10. The Chemical Accidents (Emergency Planning, Preparedness and Response) Rules, 1996, mandate the preparation of on-site and off-site emergency plans for industries involved in handling?
A. Toxic chemicals B. Solid waste
C. Radioactive materials D. Agricultural pesticides

SECTION-B (35 Marks)

Answer **ALL** questions

ALL questions carry **EQUAL** Marks

(5 x 7 =35)

- 11.a. Explain the powers provided to Inspectors by the Factory Act, 1948.
OR
- 11.b. Summarize the objectives of Public Liability Insurance Act, 1991.
- 12.a. List out the salient features of Indian Insecticide Act, 1968.
OR
- 12.b. Examine the National Electricity Policy focusing on rural electrification.
- 13.a. Outline the provisions related to Dock workers safety rules.
OR
- 13.b. How to utilize the construction and demolition waste?
- 14.a. Analyze the salient features of Water (Prevention & Control of Pollution) Act 1974.
OR
- 14.b. Classify the salient features of Air (Prevention and Control of Pollution) Act, 1981.
- 15.a. How to identify the hazardous waste in industries?
- 15.b. How to solve the environmental problems created by E-waste?

SECTION-C (30 Marks)

Answer **ANY THREE** questions

ALL questions carry **EQUAL** Marks

(3 x 10 =30)

16. Discuss the Indian Legislation towards Safety, Health and Environment.
17. Explain the Radiation Protection Rules, 2004.
18. Classify the key provisions of the Dock Workers (Safety, Health & Welfare) Act, 1996.
19. Examine the powers and function of state and central pollution control board under the environmental protection act, 1986.
20. Explain the forest conservation act, 1980.

Z-Z-Z

END