

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

PGDIS DEGREE EXAMINATION DECEMBER 2024
(First Semester)

Branch- PG DIPLOMA IN INDUSTRIAL SAFETY

**MAJOR ELECTIVE COURSE – I: LEGISLATION ON ENVIRONMENT, HEALTH
AND SAFETY**

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

(10 × 1 = 10)

Question No.	Question	K Level	CO
1	According to the Factories Act, 1948, the maximum number of hours a worker can work in a week is: a) 40 hours b) 48 hours c) 60 hours d) 72 hours	K1	CO2
2	The Social Accountability 8000 (SA-8000) standard focuses primarily on: a) Environmental management b) Occupational health and safety c) Workers' rights and conditions d) Financial accountability	K2	CO1
3	Under the Indian Boilers Act, 1923, which of the following is NOT a requirement for a boiler to be registered? a) Submission of plans and specifications b) Certification by a qualified engineer c) Regular inspection by a Boiler Inspector d) Installation of a smoke stack	K1	CO2
4	According to the Petroleum Act, 1934, which authority is empowered to grant licenses for the storage of petroleum? a) The State Pollution Control Board b) The Chief Inspector of Factories c) The Petroleum and Natural Gas Regulatory Board d) The Director General of Mines Safety	K2	CO2
5	The Building and Other Construction Workers' Welfare Cess Act, 1996 requires the cess to be collected at what rate of the cost of construction? a) 1% b) 2% c) 3% d) 5%	K1	CO3
6	Which authority is responsible for enforcing the provisions of the Dock Workers (Safety, Health & Welfare) Act, 1996? a) Chief Inspector of Factories b) Ministry of Labour and Employment c) Director General of Mines Safety d) Dock Safety Board	K2	CO3
7	The Bio-Medical Waste Management Rules, 2016, categorize bio-medical waste into how many categories? a) 3 b) 4 c) 5 d) 6	K1	CO5
8	The Construction and Demolition Waste Management Rules, 2016, mandate that the waste generated should be recycled to what extent? a) 10% b) 20% c) 50% d) 100%	K2	CO3
9	Under the Bio-Medical Waste Management Rules, 2016, which color bag is typically used for disposing of human anatomical waste? a) Yellow b) Red c) Blue d) Black	K1	CO5
10	Under the Biodiversity Act, 2002, what is required for accessing biological resources? a) No permission is required b) Approval from the National Biodiversity Authority c) Notification to the local community only d) Consent from the Central Government only	K2	CO4

Cont...

SECTION - B (35 Marks)Answer **ALL** questions**ALL** questions carry **EQUAL** Marks

(5 × 7 = 35)

Question No.	Question	K Level	CO
11.a.	Explain the key safety provisions under the Factories Act, 1948.	K2	CO2
	(OR)		
11.b.	Summarize the importance of the Public Liability Insurance Act, 1991 in the context of industrial accidents.		
12.a.	Construct a note on the key safety measures enforced under the Petroleum Act.	K3	CO2
	(OR)		
12.b.	Identify the objectives of the Radiation Protection Rules.		
13.a.	Apply the key welfare measures outlined in The Dock Workers (Safety, Health & Welfare) Act, 1996.	K3	CO3
	(OR)		
13.b.	Utilize the main objectives of The Building and Other Construction Workers (Regulation of Employment and Conditions of Service) Act, 1996, to explain how the Act enhances the safety, health, and welfare of construction workers.		
14.a.	Analyze the significance of the Environment Protection Act, 1986.	K4	CO2
	(OR)		
14.b.	Examine the key provisions of the Noise Pollution (Regulation and Control) Rules, 2000.		
15.a.	Inspect the concept of Extended Producer Responsibility (EPR).	K4	CO4
	(OR)		
15.b.	List the significance of the National Green Tribunal Act, 2010.		

SECTION -C (30 Marks)Answer **ANY THREE** questions**ALL** questions carry **EQUAL** Marks

(3 × 10 = 30)

Question No.	Question	K Level	CO
16	List out the main provisions of the Workmen's Compensation Act.	K4	CO1
17	Analyze how the Indian Electricity Act, 2003, and its associated rules ensure safety in electrical installations and usage.	K4	CO2
18	Conclude the mechanism of levy and collection of cess under The Building and Other Construction Workers Welfare Cess Act, 1996.	K4	CO3
19	Inspect the Bio-Medical Waste Management Rules, 2016.	K4	CO5
20	Examine the key differences between the Indian Forest Act, 1927, and the Forest Conservation Act, 1980, with respect to forest management and conservation.	K4	CO4

Z-Z-Z

ENDs