

**PSG COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS)**

**PGDIS DEGREE EXAMINATION DECEMBER 2025  
(First Semester)**

Branch – **DIPLOMA IN INDUSTRIAL SAFETY**

**MAJOR ELECTIVE COURSE – I LEGISLATION ON ENVIRONMENT HEALTH &  
SAFETY**

Time: Three Hours

Maximum: 75 Marks

**SECTION-A (10 Marks)**

Answer ALL questions

ALL questions carry EQUAL marks

(10 × 1 = 10)

Module No.	Question No.	Question	K Level	CO
1	1	As per section 2 in factories act, who will be called as an adult? a) A person who has completed 21 years of age b) A person who is less than 19 years of age c) A person who has completed 24 years of age d) A person who has completed 18 years of age	K1	CO1
	2	Who among the following is not considered a "Dependant" under the Employee's Compensation Act, 1923? a) Minor illegitimate son                      b) Widow c) Daughter in Law                              d) Minor widowed sister	K2	CO1
2	3	Super critical boilers are _____ a) Fire tube boilers                              b) Water tube boilers c) A combination of both fire and water tube boilers d) Once through boilers	K1	CO1
	4	The process of setting and regulating electricity tariffs is handled by which body as per the Electricity Act? a) The Central Government                      b) The State Government c) The Appropriate Commission (Central or State) d) The Ministry of Power	K2	CO1
3	5	The building and construction workers Act 1996 applies to every establishment in which _____ or more workers are employed. a) 50                      b) 10                      c) 20                      d) 100	K1	CO1
	6	What is the general purpose of the Building and Other Construction Workers Welfare Fund? (a) To pay salaries to welfare board employees. (b) To fund safety measures and welfare benefits for construction workers. (c) To provide loans to building workers. (d) To purchase construction equipment.	K2	CO1
4	7	The Water Act aims to maintain or restore the wholesomeness of water by _____ a) Promoting industrial development b) Increasing water levels in rivers c) Prevention and control of water pollution d) Eliminating water-borne diseases entirely	K1	CO1
	8	_____ launched in India in 2014, is an effective dissemination tool to inform people about air quality. a) Air quality management system b) National air quality index c) National ambient air quality standard d) Air pollution management and modeling	K2	CO1
5	9	Who is responsible for the safe disposal of hazardous waste? a) The transporter                              b) The waste facility c) The generator of the waste                      d) The receiver of the waste	K1	CO1
	10	What was the main objective of the Indian Forest Act, 1927? a) Conservation of Forests                      b) Exploitation of Forests c) Industrialization of Forests                      d) Privatization of Forests	K2	CO1

Cont...

**SECTION - B (35 Marks)**

Answer ALL questions

ALL questions carry EQUAL Marks

(5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Compute how is the amount of compensation payable to an injured workman calculated under the Workmen's Compensation Act, 1923	K2	CO1
		(OR)		
	11.b.	Give the regulative requirements under the Contract Act, 1970? Explain		
2	12.a.	Ascertain the salient features of Indian boiler Act	K3	CO2
		(OR)		
	12.b.	Customize the key punishments under the Indian Explosives Act, 1984		
3	13.a.	Explore the powers of inspectors under Dock Workers Act.	K4	CO3
		(OR)		
	13.b.	Infer the duties and responsibilities of workers under Building and Other Construction Workers' (Regulation of Employment and Conditions of Service) Act, 1996.		
4	14.a.	Outline the penalty for offences under water (prevention & control of pollution) Act 1974	K5	CO4
		(OR)		
	14.b.	Measure the health risks associated with improper biomedical waste disposal.		
5	15.a.	Summarize the various sources and types of solid waste.	K6	CO5
		(OR)		
	15.b.	Outline the impact of E-waste.		

**SECTION - C (30 Marks)**

Answer ANY THREE questions

ALL questions carry EQUAL Marks

(3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Express the provisions relating to safety measures under the Factories Act.	K3	CO1
2	17	Infer the provisions with regard to transmission of electricity.	K4	CO2
3	18	Explore the components of advisory committees and expert committees under Building and Other Construction Workers' welfare cess Act.	K4	CO3
4	19	Determine the development of environmental standards in India.	K5	CO4
5	20	Facilitate the implementation structures of Biodiversity Act 2002.	K6	CO5

Z-Z-Z

END