

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)
PG DIPLOMA EXAMINATION DECEMBER 2023
(First Semester)

Branch – PG DIPLOMA IN INDUSTRIAL SAFETY
PRINCIPLES OF INDUSTRIAL SAFETY & MANAGEMENT

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 the colour code a red colour indicates? a) Fire prevention b) Radiant hazards c) First-aid equipment d) General caution	K1	CO1
	2	Which one of the following is not a bacterial disease? a) COVID-19 b) Dengue c) Measles d) All of the above	K1	CO1
2	3	A safety programme consists of a) Three E's b) Four E's c) Five E's d) Six E's	K2	CO2
	4	Who may be responsible for accident? a) Worker b) Working conditions c) Management d) All of the above	K1	CO2
3	5	What is JSA? a) Job Statistical Analysis b) Job Safety Analysis c) Job Satisfaction Analysis d) None	K1	CO2
	6	The EHS policy is signed by a) Occupier b) Factory Manager c) Safety Manager d) Chief financial officer	K2	CO2
4	7	OSHA ensures that employees have been provided with _____ b) PPE a) Job d) Security c) Insurance	K2	CO3
	8	What does SDS stand for in the context of OSHA regulations? a) Safety Data Sheet b) Standard Danger Sign c) Secure Data Storage d) Systematic Danger Signage	K1	CO4
5	9	What is the purpose of a safety audit in an industrial setting? a) To identify areas where employees can take longer breaks b) To evaluate compliance with safety regulations and identify potential hazards c) To determine which employees should be promoted d) To assess employee morale	K1	CO4
	10	ILO sets standards for which of the following? a) Disabled workers b) Human rights. c) Elimination of forced labour d) All of them	K2	CO5

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.	Identify the importance of periodical medical examination for workers?	K3	CO1
	(OR)			
	11.b.	Construct short note on common occupational diseases?		
2	12.a.	Explain the role and functions of a safety manager in an Industry.	K5	CO2
	(OR)			
	12.b.	Interpret the concept of PQRS theory in industrial safety.		
3	13.a.	List out the objectives of Safety training programme.	K4	CO4
	(OR)			
	13.b.	Examine the different kinds of safety training programmes organized in an Industry.		
4	14.a.	Analyse the significance of Bureau of Indian standards on safety and health.	K4	CO3
	(OR)			
	14.b.	Contrast the EPA standards for Industrial safety.		
5	15.a.	Determine the major functions of International Labour Organization (ILO).	K5	CO5
	(OR)			
	15.b.	Explain the check-list for identification of unsafe workers acts.		

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	Discuss about Occupational Health Management Services shall be provided at the work place.	K6	CO1
2	17	Determine the various functions and responsibilities of safety committee.	K5	CO2
3	18	Assess the major training methods and strategies of safety training programs.	K5	CO3
4	19	Compile the salient features of OHSAS – 18001.	K6	CO4
5	20	Examine the various stages of safety audit.	K4	CO5