PSG COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

PGDIS DEGREE EXAMINATION MAY 2025

(First Semester)

Branch - PG DIPLOMA IN INDUSTRIAL SAFETY

SAFETY IN INDUSTRIES

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry EQUAL marks

 $(10 \times 1 = 10)$

		ALL questions eatry EQUAL mans		
Module No.	Question No.	Question	K Level	СО
1	1	Show the following types of Cleaning in Housekeeping includes a. Domestic b. Washing c. Dry Powder d. Oil	K1	CO1
	2	Outline the benefits of Housekeeping services is related to a. More Stress b. Less Stress c.Less Standardize d.More cost	K2	CO1
2	3	Recall the Aim of Water Spray System includes a. More Hazards b. Fire Control. c. Not fire control d. Nozzles	K1	CO2
	4	Outline the following type of Fire Alarm System includes a. Wireless b. Carbon monoxide c. Emergencies d. Protection	K2	CO2
3	5	List out the Personal Protective Equipment is related to a. Respirators b. Radiation c. Cooling d. Dry cleaning	K 1	CO3
	6	Outline the following Objectives of Personal Protective Devices includes a. Illness b. Increase Injuries. c. Minimize Injuries d. More Dust	K2	соз
4	7	Recall the Purpose of Job Safety Analysis is related to a. Identify Hazards b. Not Prevention c. Not Control d. More Risk	K1	CO4
	8	Show the Need for Standard Operating Procedure related to a. Quality Assurance b. Less Safety c. More expenses d. Not Accurate	K2	CO4
5	9	Recall the following type of training programme in safety includes a. Firefighting b. Heating c. Not awareness d. Expensive	K1	CO5
	10	Relate to the following role of Safety in Trade Union includes a.Training Courses b. Problem identified. c. More Expenses d. Less cost	K2	CO5

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

 $(5\times7=35)$

Module No.	Question No.	Question	K Level	СО
1	11.a.	Show the methods of Cleaning.		
	(OR)		K2	CO1
	11.b.	Outline the advantages of House Keeping.		
	12.a.	Identify the purpose of Water Spray System.	K3	CO2
2		(OR)		
	12.b.	Extent the Need for Fire Alarm System.		
3	13.a.	Inspect the Nature of Personal Protective Devices.	K4	CO3
		(OR)		
	13.b.	Examine the Concept of Personal Protective Devices.		
4	14.a.	Translate the Objectives of Job Safety Analysis.		CO4
		(OR)	K2	
	14.b.	Outline the Scope of Standard Operating Procedure.		
5	15.a.	Determine the Purpose of Training programme in Safety.		CO5
		(OR)	K5	
	15.b.	Estimate the Role of Trade Union in Safety.		

SECTION -C (30 Marks)
Answer ANY THREE questions

ALL questions carry EQUAL Marks $(3 \times 10 = 30)$

Module No.	Question No.	Question	K Level	со
1	16	Extent the different types of Machine Guarding.	K3	CO1
2	17	Organize the various Causes of Industrial Fire safety.	K3	CO2
3	18	Examine the various Hazards in Personal Protective Devices.	K4	CO3
4	19	Estimate the techniques for Human Error Rate Prediction.	K5	CO4
5	20	Identify the different Methods of Employee Participation Safety.	К3	CO5