

**FIFTH SEMESTER DIPLOMA EXAMINATION IN ENGINEERING AND
TECHNOLOGY/COMMERCIAL PRACTICE /MANAGEMENT, NOVEMBER - 2024
INDUSTRIAL MANAGEMENT AND SAFETY**

Time : 3 hours

Maximum Marks : 75

PART A

I. Answer all the following questions

(9 x1 =9 Marks)

		Module outcome	Cognitive level
1	Write down the functions of human resource management?	M 1.01	R
2	List the contributions of F.W.Taylor towards scientific management?	M 1.01	R
3	Define quality?	M 2.01	R
4	Write the full form of ISO.	M 2.02	R
5	List any 2 objectives of quality planning?	M 2.05	R
6	What is critical path?	M 3.07	R
7	Define accident proneness?	M 4.03	A
8	Define noise?	M 4.02	U
9	Define an accident?	M 4.01	U

PART B

II. Answer any Eight questions from the following

(8 x 3= 24 Marks)

		Module outcome	Cognitive level
1	List the contributions of F.W.Taylor towards scientific management?	M 1.01	U
2	Write principles of co-operative societies?	M 1.03	U
3	State the Philosophy of TQM?	M 2.03	U
4	Write short notes on location?	M 2.06	R
5	Define event and activity?	M 3.04	U
6	Write short notes on a) Pre- operation b) Successor activity c) Dummy activity	M 3.01	U
7	Write applications of CPM?	M 3.01	U
8	Explain various accident factors?	M 4.03	U
9	Write short notes on Frequency rate, Severity rate and incidence rate?	M 4.01	U
10	Write relevant provisions of Factory Act 1948?	M 4.02	U

PART C

Answer all questions from the following

(6x7= 42 Marks)

		Module outcome	Cognitive level
III	List the steps involved in selecting an employee for a job?	M 1.01	U
	OR		
IV	Describe the method of formation of a cooperative society?	M 1.02	U
V	Explain the ranking system used in job evaluation?	M 1.03	R
	OR		
VI	List the steps in scientific approach of decision making?	M 2.01	U
VII	List 10 mantras of TQM?	M 2.03	U
	OR		
VIII	List the benefits of an ISO – 9000 company?	M 2.03	U
IX	What is purchase? Write the objectives of purchasing?	M 3.01	U
	OR		
X	Write down the purchase procedure?	M 3.02	U
XI	What is PERT: Which are the three time estimate for PERT.	M 3.04	U
	OR		
XII	Distinguish between CPM and PERT?	M 3.06	U
XIII	Explain various accident factors?	M 4.01	R
	OR		
XIV	What are solid wastes? Write methods of solid waste management?	M 4.02	U