FIFTH SEMESTER DIPLOMA EXAMINATION IN ENGINEERING AND
TECHNOLOGY/COMMERCIALPRACTICE /MANAGEMENT, APRIL 2025
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	Give examples of Private Limited Company and Public Limited Company .	M1.01	R
2	What is meant by staffing?	M1.01	R
3	What is "Esprit-de-corps"?	M1.01	R
4	Name 2 agencies in India which issued ISO – 9000 certificates?	M2.02	R
5	Define quality.	M2.01	R
6	What is critical path?	M3.01	R
7	Define event.	M3.02	A
8	Define accident.	M4.01	U
9	Write any two personal factors causing accidents.	M4.01	U

PART B

II. **Answer any Eight questions from the following**   **(8 x 3= 24 Marks)**

		Module outcome	Cognitive level
1	List any three differences between private limited and public limited company.	M1.01	U
2	Explain the advantages of training.	M1.03	U
3	Write methods of sales forecasting?	M2.03	U
4	List the main functions of a store keeper.	M 2.06	R
5	What is meant by inventory?	M2.02	U
6	Explain the following time estimates used in PERT: (i). Optimistic Time. (ii). Most likely time. (iii). Pessimistic time.	M3.01	U
7	Define EFT and LFT.	M3.01	U
8	Explain the procedure for the critical path method used for network analysis.	M3.03	U
9	Define the following terms. (i). Factory. (ii). Accident. (iii). Frequency Rate.	M4.01	U
10	List the mechanical factors causing accidents in an industry.	M4.02	U

PART C

III. Answer all questions from the following (6x7= 42 Marks)

		Module outcome	Cognitive level
I	Explain the contributions of F.W. Taylor in the field of management.	M1.01	U
	OR		
II	Compare between contribution of F.W. Taylor and Fayol?	M1.01	U
III	Identify different types of training and explain anyone.	M1.03	R
	OR		
IV	List the process of job evaluation?	M1.02	U
V	Write down the purchase procedure?	M2.01	U
	OR		
VI	Write functions of store keeping?	M2.03	U
VII	List any 6 objectives of quality planning?	M2.01	U
	OR		
VIII	List the benefits of an ISO – 9000 company?	M3.02	U
IX	Write applications of CPM and PERT?	M3.01	U
	OR		
X	Distinguish between CPM and PERT.	M3.02	U
XI	Formulate the theoretical knowledge to solve linear programing problem (LPP) using graphical method.	M3.03	U
	OR		
XII	Write short notes on: (i)Event (ii) Activity (iii) Critical Activity (iv) Critical Path	M3.03	U
XIII	List the mechanical factors promoting accidents.	M4.01	R
	OR		
XIV	Explain 4 E's of accident prevention technique.	M4.02	U