

Enrolment No./Seat No _____

GUJARAT TECHNOLOGICAL UNIVERSITY

B.VOC- SEMESTER-VI EXAMINATION – SUMMER 2025

Subject Code:21160402

Date:12-05-2025

Subject Name: Process Planning and Cost Estimation

Time:10:30 AM TO 12:30 PM

Total Marks:50

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

	Marks
Q.1 (a) Compare Cost Estimating and Cost Accounting.	05
(b) Define Ladder of Cost with schematic diagram.	05
Q.2 (a) List out information required for process planning and explain it briefly.	05
(b) Explain various approaches of process planning.	05
OR	
(b) What are the factors influencing choice of Machinery?	05
Q.3 (a) Define Process Planning. Explain purpose of process Planning.	05
(b) Explain briefly how the material cost is determined?	05
OR	
Q.3 (a) Explain the objectives of process planning.	05
(b) Elaborate Mensuration in Estimating.	05
Q.4 (a) Explain about selection process and factors affecting it.	05
(b) Explain determination of machine and equipment requirements.	05
OR	
Q.4 (a) Explain the process sheet and its necessity.	05
(b) Explain Break-even point analysis with neat sketch.	05
Q.5 (a) Give Objectives of Cost Estimating.	05
(b) Explain the Functions for doing Cost Estimations.	05
OR	
Q.5 (a) Explain the importance of doing Cost Estimations.	05
(b) Explain the Reasons for doing Cost Estimations.	05
