

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BVOC - SEMESTER-VI EXAMINATION – SUMMER 2022

Subject Code:1160402

Date:04-06-2022

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) Define Process Planning. Explain purpose of process Planning.	05
	(b) Explain the scope of process planning.	05
Q.2	(a) Explain various approaches of process planning.	05
	(b) Explain about selection process and factors affecting it.	05
	OR	
	(b) What are the factors influencing choice of Machinery?	05
Q.3	(a) Explain reasons for doing cost estimation.	05
	(b) Give objectives of cost estimation.	05
	OR	
Q.3	(a) Explain importance of costing.	05
	(b) Give functions of cost estimation.	05
Q.4	(a) Describe the difference between Cost Estimating and Cost Accounting.	05
	(b) Explain how material cost is determined.	05
	OR	
Q.4	(a) Explain “Ladder of Cost” in detail with neat sketch.	05
	(b) Explain how labour cost is determined.	05
Q.5	(a) What care should be taken while selecting material for components of RAC system?	05
	(b) Explain any one method of a duct design.	05
	OR	
Q.5	(a) Explain about the material used for fabricating condenser. Give its properties.	05
	(b) Explain how RAC systems are tested.	05
