

GUJARAT TECHNOLOGICAL UNIVERSITY
BVOC- SEMESTER- VI EXAMINATION – SUMMER 2023

Subject Code:1160402**Date:23-06-2023****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 concept of process Planning with its neat sketch.	05
Q.2 (a) Enlist the basic information required for process planning and explain it in brief.	05
(b) Explain the scope of process planning.	05
OR	
(b) Discuss information are required to do the process planning sheet effectively and show the sample sheet.	05
Q.3 (a) Explain the Procedure for the Process Planning in brief.	05
(b) Discuss how to selection of the correct machinery.	05
OR	
Q.3 (a) What is Costing? Explain briefly the importance of costing.	05
(b) What is the difference between cost estimating and cost accounting?	05
Q.4 (a) What are the types material cost? Explain it in brief.	05
(b) Discuss Break Even Point Analysis.	05
OR	
Q.4 (a) Explain Computer Aided Process Planning.	05
(b) Give the difference between financial accounting and cost accounting.	05
Q.5 (a) Explain the procedure for design of RAC System.	05
(b) Discuss the procedure for Fabrication of ducts. and distribution system.	05
OR	
Q.5 (a) Explain the air distribution system of RAC System.	05
(b) What are the Selection criteria of RAC components?	05
