

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI (NEW) EXAMINATION – SUMMER 2021****Subject Code:2162505****Date:05/08/2021****Subject Name:Estimating and Costing****Time:02:30 PM TO 05:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

		MARKS
Q.1	(a) Enlist different types of direct cost.	03
	(b) Define (i) Estimating, (ii) Costing	04
	(c) Draw only the block diagram to illustrate the relation between “Elements of Cost” and “Components of Cost”	07
Q.2	(a) Enlist different types of indirect cost.	03
	(b) Write a difference between estimating and costing.	04
	(c) Explain the Elements of Cost with suitable example.	07
OR		
	(c) Explain the Components of Cost with suitable example.	07
Q.3	(a) Enlist the factors affecting on Welding Cost	03
	(b) What are the different costs associated with Arc Welding Operation	04
	(c) Explain the technique for finding weight of cylinder with suitable example with suitable assumption.	07
OR		
Q.3	(a) Enlist the factors affecting material cost.	03
	(b) How to find Material Cost, explain with suitable example.	04
	(c) Enlist the various Cutting Operations carried out in Machine Shop. Explain any three examples of them with neat sketch and equation to find cutting time.	07
Q.4	(a) Enlist the terms relating to Sheet Metal Industry for estimating.	03
	(b) Explain various losses occur during Forging Operation.	04
	(c) Explain the following terms relating to Sheet Metal Industry (i) Breaking Out (ii) Bending (iii) Planishing	07
OR		
Q.4	(a) Define the term “Mensuration”.	03
	(b) Describe “Estimation of Pattern Cost in Foundry Industry”.	04
	(c) What are the different costs associated with Gas Welding Operation.	07
Q.5	(a) Explain the term “Cost Control”.	03
	(b) What are different ways to control the cost?	04
	(c) Difference between “Cost Control” and “Cost Accounting”.	07
OR		
Q.5	(a) What is cost accounting?	03
	(b) Explain the indirect material cost by suitable example.	04
	(c) How Mensuration helpful for the Cost Control? Explain in detail.	07
