

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-IV(NEW) EXAMINATION – WINTER 2022****Subject Code:3140911****Date:13-12-2022****Subject Name:Economics for Engineers****Time:10:30 AM TO 01:00 PM****Total Marks:70****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) What is decision making? Explain in details.	03
(b) Describe the importance of cash as a measure of business success or failure.	04
(c) Write down the advantage of decision making.	07
Q.2 (a) Describe the price and income elasticity of demand in the real world.	03
(b) Write down the advantage and disadvantages of estimating model.	04
(c) What is estimating model? explain various types of estimate.	07
OR	
(c) Write down the advantage of case study for estimating model.	07
Q.3 (a) How do you prepare cash flow from investing activities?	03
(b) Describe the procedure to prepare cash flow statement.	04
(c) What is a cash flow statement? State the uses of cash flow statement?	07
OR	
Q.3 (a) How many types are in learning curve? Explain any one in brief.	03
(b) Describe "indirect" method of ascertaining cash flow from operating activities.	04
(c) Explain the major cash inflow and outflows from investing activities.	07
Q.4 (a) What is cash flow management? How can i increase positive cash flow?	03
(b) Derive the calculating rate of return.	04
(c) Describe the procedure to prepare debt repayment.	07
OR	
Q.4 (a) Disadvantages of using a cost benefit analysis.	03
(b) Draw the break-even chart and explain how to work it.	04
(c) Derive the rate of return analysis	07
Q.5 (a) What are the uses of index?	03
(b) Why are inflation and deflation considered to be economic problems? Explain in brief.	04
(c) Explain the difference between rate of return analysis and rate of return.	07
OR	
Q.5 (a) Why is inflation and deflation important?	03
(b) Give the example of break even analysis.	04
(c) What is the advertising? And explain in brief.	07
