

GUJARAT TECHNOLOGICAL UNIVERSITY**BE - SEMESTER-VI(NEW) – EXAMINATION – SUMMER 2019****Subject Code:2162505****Date:16/05/2019****Subject Name:Estimating and Costing****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.

- Q.1** (a) Define cost accounting. Give objective of cost accounting. **03**
(b) Discuss various techniques of cost control. **04**
(c) Explain importance of accurate estimating with example. **07**
- Q.2** (a) Define Estimating. Discuss step by step estimating procedure. **03**
(b) Explain methods to calculate areas of irregular figures. **04**
(c) Discuss constituents of estimation. **07**
- OR**
- (c) Define mensuration. Give importance of mensuration. **07**
- Q.3** (a) Enlist and explain any three methods of on cost allocation. **03**
(b) Discuss the main functions of an estimator. **04**
(c) Give main aims of estimating. **07**
- OR**
- Q.3** (a) Differentiate day rate and piece rate. **03**
(b) Give the difference between estimating and costing. **04**
(c) Write a note on how to control over material cost. **07**
- Q.4** (a) Define spoilage **03**
(b) Give advantages of efficient costing. **04**
(c) Enlist various cost included for estimation of arc welding. **07**
- OR**
- Q.4** (a) Give objective of labour costing. **03**
(b) Explain various types of wages **04**
(c) Define incentives. Explain non financial incentives. **07**
- Q.5** (a) Enlist various operation in sheet metal shop. **03**
(b) How we can estimate total time for knurling operation? **04**
(c) Discuss various types of sheet metal joints with sketch. **07**
- OR**
- Q.5** (a) Discuss estimation of pattern cost and estimation in foundry shop. **03**
(b) Enlist factors which influence wages. **04**
(c) Discuss various importance methods used to calculating areas of irregular figures. **07**
