Seat No.:	Enrolment No.

GUJARAT TECHNOLOGICAL UNIVERSITY

	•	BE - SEMESTER-VI (OLD) - EXAMINATION – SUMMER 2017 et Code: 162505 Date: 03/05/20 et Name: Estimating, Costing & Engineering Economics	017
	struct	10:30 AM to 01:00 PM ions: 1. Attempt all questions. 2. Make suitable assumptions wherever necessary. 3. Figures to the right indicate full marks.	: 70
Q.1	(a) (b)	Discuss importance of Estimating with reference to manufacturing industries. Enlist aims of estimating. Define Estimator. Enlist qualities of Estimator.	07 07
Q.2	(a) (b)	Discuss various sources of errors in estimating. Discuss constituents of estimation.	07 07
	(b)	OR Discuss various costing methods in brief.	07
Q.3	(a) (b)	Discuss how to control over material cost. Define overheads. Discuss fixed and variable overheads. OR	07 07
Q.3	(a)(b)	Define standard costing. Write advantages of standard cost. Discuss determination of standard costs. Define mensuration. Discuss how to calculate volume and surface area of various basic solids.	07 07
Q.4	(a) (b)	Discuss methods of wage payment. Enlist objects of value analysis. Write stages in value analysis. OR	07 07
Q.4	(a) (b)	Enlist and explain important methods used for valuation of material issued from stores. Write a note on journal and ledger.	07
Q.5	(a) (b)	Discuss estimation of arc welding cost. List factors affecting welding cost. Give a note on the losses in forging operations. OR	07 07
Q.5	(a)(b)	Explain in details the various elements which go to make up the total cost of any product. Enlist characteristics of good wage or incentive system.	07 07
