CULLADAT TECHNOLOCICAL UNIVERSITY

GUJARAT TECHNOLOGICAL UNIVERSITY BE - SEMESTER–VI (NEW) - EXAMINATION – SUMMER 2017					
Subie	ect (Date: 03/05/2017			
Subject Code: 2162505Date: 03/05/Subject Name: Estimating and Costing					
•			Total Marks: 70		
Instru			i utai mai KS. 70		
msuu		Attempt all questions.			
		Make suitable assumptions wherever necessary.			
	3.	Figures to the right indicate full marks.			
			MARKS		
Q.1		Answer the following Short Questions	14		
	1	Define Estimating.			
	2	Define Costing.			
	3	What you mean by Mensuration?			
	4	Differentiate day rate and piece rate.			
	5	Define standard cost.			
	6	Give difference between administration and management.			
	7	Enlist various operations in sheet metal shop.			
	8	Differentiate between scrap loss and flash loss in forging.			
	9 10	Explain fixed cost and variable cost.			
	10 11	Define spoilage. Give application of planimeter.			
	11	How we can estimate total time for Knurling operation?			
	12	Explain dovetail joint of sheet metal.			
	14	Why shrinkage allowances is kept in a pattern?			
Q.2	(a)	• • • • • •	03		
Ľ	(b)	· · · ·	04		
	(c)	Discuss functions of estimating department.	07		
		OR			
	(c)	1 1	07		
Q.3		Give aims of costing.	03		
		Discuss sources of errors in estimating.	04		
	(c)	Give constituents of estimation.	07		
Q.3	(a)	OR Write objective of labour costing.	03		
Q.3	(a) (b)	Write advantages of efficient costing.	03		
	(c)	Explain various important methods of on cost allocation.	07		
Q.4	(a)	Enlist factors which influence wages.	03		
C	(b)	Define wages. Discuss various types of wages in brief.	04		
	(c)	Explain importance methods of valuation of materials issue	d from 07		
		stores.			
		OR			
Q.4	(a)				
		25 mm diameter for a length of 100 mm in a single cut. A	Assume		
	(b)	cutting speed 30 m/min and feed 0.4 mm/rev.	0.4		
	(\mathbf{b})	Discuss blank layouts for sheet metal works.	04		
	(c)	Write a note on value analysis.	07		
Q.5	(a)	Enlist factors affecting welding cost.	03		
χ	(b)	Explain various forging operations.	04		
	(\tilde{c})	Discuss various importance methods used to calculating a			
		irregular figures.			

OR

Q.5	(a)	Write advantages of cost accounting.	03
	(b)	Write steps for cost reduction.	04
	(c)	Explain various techniques of cost control.	07
