

ROLL No:

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total number of pages:[2]  
Total number of questions:06

**B.Tech. || ECE || 6<sup>th</sup> Sem**  
**Engg. Economics & Industrial Management**

**Subject Code:BTEC-603 (example)**

**Paper ID:**

**(for office use)**

**Time allowed: 3 Hrs**

**Max Marks: 60**

**Important Instructions:**

- All questions are compulsory
- Assume any missing data

**PART A (2×10)**

Q. 1. Short-Answer Questions:

All COs

- (a) Differentiate between Fixed cost and variable cost
- (b) From the following data calculate BEP (in units & Rs.) and P/V Ratio

	2010	2011		2010	2011
Sales:	10000	12000;	Total Cost:	90000	100000

Selling price per unit = Rs. 15

- (c) What is Re-order level
- (d) Defender V/S Challenger
- (e) Differentiate between Cost estimation and Cost Accounting
- (f) Span of Management
- (g) Duties of purchase manager
- (h) Organization chart
- (i) Reasons for charging depreciation
- (j) Productivity Index

**PART B (8×5)**

Q. 2. "Cost Volume Profit Analysis is a very useful technique to management for cost control, profit planning and decision making". Explain

OR

A company has annual fixed costs of Rs. 1400000. In 2015 sales amounted to Rs. 600000 as compared with Rs. 4500000 in 2014 and profit in 2015 was Rs. 420000 higher than in 2014.

- i. At what level of sales does the company break even?
- ii. Determine profit or loss on a present sales volume of Rs. 800000
- iii. If there is reduction in selling price in 2015 by 10% and the company desires to earn the same profit as in 2015, what would be the required sale volume?

Q. 3. An old machinery is to be replaced by a company with new machinery. Which steps should be followed for analyzing the replacement decisions. CO2

OR

Distinguish between Cost Estimation and Cost Accounting. Highlight the qualifications of an estimator. CO2

Q. 4. Explain F. W. Taylor's contribution to management thought. CO3

OR

Differentiate between formal and informal organizations along with their merits and demerits. CO3

Q. 5. What do you mean by the term 'Depreciation'? Discuss any four methods of charging depreciation. Statement CO4

OR

Explain the types of Production Systems and characteristics of different production systems. CO4

Q. 6. Critically analyze Maslow's need hierarchy theory of motivation. CO3

OR

Define Economic Order Quantity. How would you calculate the EOQ? Explain with the help of an example. CO4