Reg. No. : ☐☐☐☐☐☐☐☐☐☐☐☐☐

Question Paper Code : 60267

B.E./B.Tech. DEGREE EXAMINATION, NOVEMBER/DECEMBER 2016.

Eighth Semester

Civil Engineering

CE 2451/CE 81/10177 GE 009 — ENGINEERING ECONOMICS AND COST ANALYSIS

(Regulations 2008/2010)

(Common to PTCE 2451 – Engineering Economics and Cost Analysis for B.E.
(Part-Time) Seventh Semester-Civil Engineering – Regulations 2009)

Time : Three hours   Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. List the forms of utility.

2. Differentiate 'wealth' and 'money'.

3. Define market demand.

4. What is elasticity of supply?

5. Differentiate monopoly and monopolistic competition.

6. What are the features of commercial bank?

7. What are the factors affecting working capital?

8. How transactions are grouped in the accounting?

9. Distinguish between average cost and marginal cost.

10. What does IRR mean?

PART B — (5 × 16 = 80 marks)

11. (a) (i) Explain the scope and significance of economics. — (8)

      (ii) Define the following :

         (1) Wealth. (2)

         (2) Welfare. (2)

         (3) Scarcity. (2)

         (4) Utility. (2)

Or

(b) (i) How will you make your decision process be more effective? (10)

      (ii) Discuss about the classifications of managerial decisions. (6)

12. (a) (i) Explain the factors Governing Elasticity of Demand. (6)

      (ii) How will you measure elasticity of demand? Illustration how do you interpret the different types of elasticity. (10)

Or

(b) (i) Explain how supply and demand determine the equilibrium price. What happens if the supply curve shifts to the left? (12)

      (ii) Write the factors affecting the elasticity of supply. (4)

13. (a) Bring out the salient features of various forms of business organisations.

Or

(b) Clearly explain about the functions of central and commercial banks.

14. (a) Elaborate the sources of finance for industries. (16)

Or

(b) From the two balance sheets, the director of a firm consults you regarding the profit he has earned and what happened to the money he raised through additional capital and mortgage of property.

Balance sheets as on 31.12.2011 and 31.12.2012

Liabilities	2011 (Rs.)	2012 (Rs.)	Assets	2011 (Rs.)	2012 (Rs.)
Capital	80,000	85,000	Land and building	50,000	50,000
Profits and loss account	14,500	24,500	Plant	24,000	34,000
Creditors	9,000	5,000	Stock	9,500	7,500
Mortgage	-	5,000	Debtors	16,000	19,000
			Cash	4,000	9,000
	1,03,500	1,19,500		1,03,500	1,19,500

15. (a) Illustrate the managerial uses of break-even analysis with examples.

Or

(b) (i) Draw a typical cost-output relationship curves for the short and long run.   (4)

(ii) How pricing methods are classified? Explain the pricing polices under each classification.   (12)

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