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**Question Paper Code : X 60266**

B.E./B.Tech. DEGREE EXAMINATIONS, NOV./DEC. 2020  
Eighth Semester  
Civil Engineering  
CE 2451/10177 GE 009/CE 81 – 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. State the law of supply.
4. Define cross elasticity of demand.
5. Give atleast four examples of public enterprises.
6. Mention the different types of banks.
7. What are the internal sources of funds ?
8. List the different types of assets used for preparing a balance sheet.
9. What is 'feasibility report' ?
10. What is 'angle of incidence' ?

PART – B

(5×16=80 Marks)

11. a) Bring out the nature and scope of engineering economics with appropriate examples.

(OR)

- b) Explain the characteristics and classification of managerial economics.



12. a) i) Discuss the types and degrees of elasticity of demand with example. (10)  
ii) Bring out the practical importance of concept of elasticity. (6)  
(OR)
- b) i) List the main types of market structures and explain the features of them. (10)  
ii) Describe the importance of time element in the theory of value. (6)
13. a) Bring out the salient features of various forms of business organisations. (16)  
(OR)
- b) Clearly explain about the functions of central and commercial banks. (16)
14. a) What are the sources of short-term and long-term funds ? Bring out the merits and limitations of each source. (16)  
(OR)
- b) What are the uses of fund flow statement ? Prepare a typical fund flow statement. (16)
15. a) Write short notes on :  
i) Fixed and Variable Costs. (4)  
ii) Did Pricing and Rate of Return Pricing. (4)  
iii) Cost-Output Relationships. (4)  
iv) Net Present Value. (4)  
(OR)
- b) In a company, sales are to the extent of Rs. 1,00,000, fixed cost is Rs. 20,000 and BEP is Rs. 80,000. What is the profit margin ? Due to control procedures, If the fixed costs are reduced to Rs. 10,000, profit to Rs. 5,000 and BEP is brought down to Rs. 20,000, what will be the sales ? (16)
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