

J 1094

B.E./B.Tech. DEGREE EXAMINATION, MAY/JUNE 2006.

Seventh Semester

Civil Engineering

CE 433 — ECONOMICS AND BUSINESS FINANCE FOR CIVIL ENGINEERS

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

PART A — (10 × 2 = 20 marks)

1. Explain the law of returns governing production.
2. What do you mean by the term 'Engineering Economics'?
3. List the effects of urban uses of land.
4. List the scope of waste material reuse in construction industry.
5. Explain the concept of Lease Financing.
6. Describe how organisations generate fund internally.
7. Define external Commercial Borrowing.
8. What is meant by ecology?
9. What are the financial statements to be prepared for reporting purposes?
10. List the problems associated with migration of workers.

PART B — (5 × 16 = 80 marks)

11. Discuss the role of Civil Engineering in the industrial development of India after economic reforms and globalisation. Also discuss the social impacts of the same. (12 + 4)

12. (a) Describe the problems faced in construction of transportation housing related infrastructure projects.

Or

- (b) (i) Discuss how the damages to environment by pollution can be prevention at source. (10)

- (ii) Explain the concept of waste minimisation. (6)

13. (a) Explain the concepts of long term and short term financing.

Or

- (b) Discuss how fund flow statements differ from Balance Sheet. Explain with an example.

14. (a) (i) Write short notes on percentage completion method. (4)

- (ii) Discuss cash basis accounting and accrual basis accounting. (12)

Or

- (b) (i) Distinguish between accounting for tax reporting purpose and financial reporting purpose. Discuss if it is ethical to do so. (12)

- (ii) What is meant by Ratio Analysis? (4)

15. (a) Discuss the various aspects of interim construction financing with the help of an example.

Or

- (b) Describe the various types of loans available to contractors. Also discuss the risks associated with such financing. (12 + 4)