

S.E. (Civil) EXAMINATION, 2008
ENGINEERING ECONOMICS AND MANAGEMENT
(2003 COURSE)

Time : Three Hours

Maximum Marks : 100

- N.B. :—**
- (i) Answer *three* questions from Section I and *three* questions from Section II.
 - (ii) Answers to the two sections should be written in separate answer-books.
 - (iii) Neat diagrams must be drawn wherever necessary.
 - (iv) Figures to the right indicate full marks.
 - (v) Assume suitable data, if necessary.

SECTION I

1. (a) Define the nature and discuss the scope of "Engineering Economics" giving suitable illustrations especially for construction industry. [10]
- (b) Discuss how equilibrium price is achieved by giving suitable example. Explain with the help of sketch. [8]

Or

2. (a) Explain the following terms by giving suitable example : [5+5]
- (i) Income effect
 - (ii) Substitution effect
- (b) Define the following terms : [8]
- Assets, liabilities, cost, value, price, wants, needs, utility.

3. (a) State and explain any *one* "Laws of Return" with suitable example. [8]
- (b) Write the factors of production and discuss characteristics of "Labour". [8]

Or

4. (a) Define productivity. Discuss various ways to improve productivity on a construction site. [8]
- (b) Define Gross National Product and Gross Domestic Product. Also state how these two indices reflect growth of a nation. [8]
5. (a) Differentiate between "Debentures and Shares". [8]
- (b) Give any *four* functions of Reserve Bank of India. [8]

Or

6. Write short notes on any *four* of following : [4×4]
- (i) Small scale production
- (ii) SEBI
- (iii) Perfect competition
- (iv) Depreciation
- (v) Function of money
- (vi) Life cycle of Product

SECTION II

7. (a) Explain Line and Staff Organisation. [5]
- (b) Differentiate between co-operative and public sector organisation. [6]
- (c) State different principles of Scientific Management. [5]

Or

8. (a) Explain in brief POCA cycle. [5]
(b) Discuss the contributions of F.W. Taylor to scientific management. [6]
(c) Write a note on joint stock company. [5]
9. (a) What are programmed and non-programmed decisions ? [5]
(b) Define motivation. Give its importance. [5]
(c) Write a note on "Cost-Benefit Analysis". [6]

Or

10. (a) Explain, how management plays an important role in construction industry. [5]
(b) Explain any *two* methods of training programmes. [5]
(c) What are different leadership styles ? Explain any *one* in brief. [6]
11. (a) Explain in short work study and time and motion study. [6]
(b) What are Trade Unions ? Discuss their functions and objectives. [6]
(c) What do you mean by strikes ? List the various forms of strikes. [6]

Or

12. (a) Write a brief note on implementation of MIS in a construction industry. [6]
(b) What is quality circle ? Discuss its objectives and benefits. [6]
(c) Explain in brief Industrial Dispute. [6]