B. Tech.

(Sem. VIII) Examination, 2006-07

Process Economics & Management

Time: 3 Hours] [Total Marks: 100

Note:
(i) Attempt all questions.
(ii) All questions carry equal marks.

1. Attempt any four of the followings: 5×4
   (a) “Is economics a science?” Discuss.
   (b) How is the rate of interest determined?
   (c) Explain the various methods of computing ‘Depreciation’.
   (d) What do you mean by ‘Term Loan’?
   (e) Explain the different sources of financing a project along with their merits and demerits.
   (f) Explain and discuss the various methods of profitability evaluation.

2. (a) What do you understand by Break-Even Analysis? What are the uses of Break-Even analysis?
     (b) Describe the contribution of Henry Foyol to the management development.

OR

V-9141] 1 [Contd...
2 (a) Explain the significance of cash flow statement.
   (b) Explain and discuss the scope and importance of management in engineering.

3 (a) Differentiate between the line organizations and staff organizations.
   (b) Explain the major provisions of ‘Factories ACT, 946.’

   OR

3 (a) Describe the various elements of organization structure.
   (b) What do you mean by ‘Industrial Relations’? Explain.

4 (a) Define ‘Wages’? Explain different types of wages.
   (b) Describe the functions of a purchase department.

   OR

4 (a) What is ‘EOQ’ model in Inventory management? Explain the model.
   (b) Discuss the various welfare activities in detail.

5 (a) Explain the time and motion study and its contribution to production managements.
   (b) Discuss the various techniques of Inspection.

   OR

5 (a) Describe the various steps involved in production planning and control.
   (b) What is the importance of ISO certification.

V-9141] 2 [ 100 ]