

This question paper contains 3 printed pages.

3266

Your Roll No.

B. Tech. (M) / II

J

Paper V— PRODUCTION MANAGEMENT .

(EME-205)

Time : 3 hours

Maximum Marks : 70

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt any five questions.

All questions carry equal marks.

Assume missing data suitably, if any.

1. (a) Mentioning about the process of Management discuss the characteristics of Management. 7
- (b) Differentiate between Production and Productivity. What are the measures adopted for improving the Productivity and what is the outcome of this improvement? 7
2. (a) What are the different systems of Production? Discuss the main features of these systems with examples. 7
- (b) What are the different functions of Management? Explain about each in brief. 7

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3. (a) Mention in brief the various principles on which the Organizations are based. Also discuss the different types of organization with example. 7
- (b) What is the importance of Decision-making in Management Practice? Discuss the various tools used in decision-making. 7
4. (a) Differentiate between Halsey and Rowan's wage payment plan. In a certain production unit the output standard has been set as 24 pieces per day. while keeping wage rate as Rs. 18 per hour with 8 hours of working daily. Find out the earnings of Mr. Shyam and Mr. Dinesh, working in this unit and producing 22 and 28 units respectively on some day, as per Halsey and Rowan's wage payment plans. 7
- (b) What are the principles of Job Evaluation? Mention the procedure followed in the quantitative methods of Job Evaluation in brief. 7
5. (a) How do you differentiate between theories X, Y and Z of Motivation? Explain in brief. 7
- (b) What are the causes of the Industrial Disputes? How do the Trade Unions contribute in resolving the Industrial Disputes? 7
6. (a) Taking a case project of a steel manufacturing company, make the following studies in brief: (i) Feasibility Studies, (ii) Cost Benefit Study. 7

- (b) Describe the types of Contracts, in brief. Also elaborate the Work Tendering Procedure for construction of about two and half kilometer long, and 16 lane road bridge over Yamuna river connecting Delhi to an adjoining State of Uttar Pradesh. 7
7. (a) What are the different reasons for replacement of an equipment? Explaining the MAPI method of Replacement Analysis, in brief, mention the advantages of this method over other methods. 7
- (b) What do you understand by Product Development? Mention the different stages of Product Development. Also explain the procedure of the Product Development in brief. 7
8. Write short notes on any *four* of the following:
- (i) Scientific Management
 - (ii) Group Behaviour
 - (iii) Project Planning
 - (iv) Queuing Theory
 - (v) Merit Rating
 - (vi) CPM/PERT.
- 3½×4=14