



Regulation R-20 **Subject code: 3E7CE**
TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(Autonomous, Accredited by NAAC with 'A+' Grade)
B.Tech VII Semester Supplementary Examinations April, 2024

INDUSTRIAL ENGINEERING AND MANAGEMENT

(Mechanical Engineering)

Maximum Marks: 70

Date: 25.04.2024 Duration: 3 Hours

- Note:**
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 10 marks. Answer all questions in Part A.
 3. Part B consists of 10 questions. Answer any 5 questions which carries 12M.
 4. Each question carries 12 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks (10X2M=20 Marks)

- 1 What are the objectives of good layout?
- 2 What is matrix organization? What are its strengths and weaknesses?
- 3 Write types of production?
- 4 List out types of plant maintenance?
- 5 Write the types of plant layouts?
- 6 Define inventory.
- 7 Define marketing.
- 8 State the marketing functions?
- 9 What are the functions of HRM?
- 10 List any two trade union in India.

Part-B

Answer all the questions (5X10M=50 Marks)

- 11 Explain the Taylor's scientific management theory in brief. [10]
OR
- 12 Examine the scientific nature in Taylor's scientific management. [10]
- 13 Explain the importance of production planning and control. [10]
OR
- 14 Distinguish between a military organization and a functional organization. [10]
- 15 Explain the ABC analysis in inventory control with graph. [10]
OR
- 16 State the advantages and limitations of stopwatch time over work sampling. [10]
- 17 Explain ABC analysis in inventory control with graph? [10]
OR
- 18 What are the main objectives of marketing? [10]
- 19 Differentiate marketing and selling. [10]
OR
- 20 Explain the salient features of Indian Factories Act 1948 ? [10]