



Regulation R17

Subject code: 1E7CD

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

(Autonomous, Accredited by NAAC with 'A' Grade)

B.Tech IV Year I Semester Supplementary Examinations, July 2022

PRODUCTION PLANNING AND CONTROL

(Mechanical Engineering)

Maximum Marks: 70

7/7/22

Duration: 3 Hour

Part-A

All the following questions carry equal marks

(10x2M=20 Marks)

- 1 What are the functions of Production Planning and Control?
- 2 What is a production system?
- 3 Give Functions of inventories.
- 4 What do you mean by inventory costs?
- 5 What is a task precedence?
- 6 What is a task time?
- 7 Why to use scheduling in PPC?
- 8 What are reasons for Scheduling?
- 9 What is decentralized dispatching?
- 10 What is centralized dispatching?

Part-B

Answer all the following questions

(10MX 5=50Marks)

- 11 What is a role of PPC department in an organization? Explain in detail. [10]
OR
- 12 What is forecasting? Mentions its types, techniques, methods in detail. [10]
- 13 What are Inventory control system, continuous review system and periodic review system? Give brief description on them. [10]
OR
- 14 Give a detailed description on
1.MRP-I, 2.MRP II. 3.ERP and 4.IT [10]
- 15 What is Routing? Explain Routing procedure and the Factors affecting routing procedure in detail. [10]
OR
- 16 What is a route sheet? What are its types? Explain them in detail. [10]
- 17 What is job shop and flow shop scheduling? Write difference between job shop and flow shop scheduling? [10]
OR
- 18 Define line of balance? What are objectives of line of balance? [10]
- 19 What are the types of follow up and explain them? [10]
OR
- 20 Define expediting? Write expediting procedure? [10]