



R20 Regulation

Subject code: 3E8AF

TKR COLLEGE OF ENGINEERING AND TECHNOLOGY

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

B.Tech VIII Semester Regular Examinations, April 2024

CONSTRUCTION PROJECT PLANNING & MANAGEMENT
(CIVIL ENGINEERING)
(Professional Elective)

Maximum Marks: 70

Date: 24.04.2024 Duration: 3 hours

- Note:**
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit which carries 10M.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks (10X2M=20 Marks)		CO	Bloom Tx
1	List out the names of organizational structure.	1	L1
2	Define management.	1	L1
3	Define preliminary planning.	2	L1
4	Name the different construction stages.	2	L1
5	Give the names of earth excavation equipment.	3	L1
6	Name the various forms of scheduling.	3	L1
7	What is arbitration?	4	L1
8	What is the purpose of M-Book?	4	L1
9	Give the objectives of safety in construction.	5	L1
10	What is social security?	5	L1

Part-B

Answer All the following questions. (5X10M=50Marks)			
11	Explain the various management theories. (10M)	1	L2
OR			
12	A. Write a note on "Human Resource Management. (5M) B. Explain the concept of strategic management process with examples. (5M)	1	L2 L2
13	A. List out the various network techniques in construction management. (5M) B. Explain the bar chart and give its limitations. (5M)	2	L4 L2
OR			
14	A. Differentiate PERT and CPM. (5M) B. Discuss the limitations of Ghant chart. (5M)	2	L4 L4
15	A. Describe the role of construction equipment's in economical completion of large construction Projects. (5M) B. List the various classification of construction equipment and explain one of them. (5M)	3	L3 L4
OR			

16	A. What are the factors affecting resource allocation? (5M) B. Explain the various functional activity involved in material management department. (5M)	3	L2 L2
17	A. Give the salient features of contract document. (5M) B. List out the important conditions of contract. (5M)	4	L2 L4
	OR		
18	A. Explain different types of contracts in detail with suitable examples. (5M) B. Differentiate tender and tender document. (5M)	4	L2 L4
19	Explain the different laws relating to wages. (10M)	5	L2
	OR		
20	A. Discuss the legal and financial aspects of accidents in construction. (6M) B. Write short notes on Labour administration. (4M)	5	L3 L2