

Name. _____		Printed Pages:01		
Student Admn. No.: _____				
<b>School of Engineering (Department of Civil Engineering)</b> <b>Backlog Examination, June 2023</b> <b>[Programme: M. Tech in Transportation Engineering] [Semester: II] [Batch: ]</b>				
Course Title: Selection of Construction Equipment and Modelling		Max Marks: 100		
Course Code: MTPE6012		Time: 3 Hrs.		
<b>Instructions:</b>	1. All questions are compulsory. 2. Assume missing data suitably, if any.			
		K Level	COs	Marks
<b>SECTION-A (15 Marks)</b>		<b>5 Marks each</b>		
1.	Explain the concept of construction Management	K2	CO1	5
2.	Discuss the objective of construction Management	K2	CO2	5
3.	Explain about construction Resources in details	K2	CO3	5
<b>SECTION-B (40 Marks)</b>		<b>10 Marks each</b>		
4.	Discuss event and activity in details	K3	CO2	10
5.	Explain types of errors in a network	K3	CO3	10
6.	Discuss the rules of network construction	K4	CO4	10
7.	Discuss about Gantt bar chart and Mile stone chart in details OR Explain in detail about the uses of construction resources in real life	K3	CO5	10
<b>SECTION-C (45 Marks)</b>		<b>15 Marks each</b>		
8.	Explain the new techniques of construction management in details	K3	CO3	15
9.	Explain the phases of Project Management	K2	CO4	15
10	Discuss about the component of PERT and CTM network OR Explain the factors affecting selection of construction equipment	K6	CO5	15

**Template 1**

<b>Course outcomes:</b> Students will be able to		
COs	K level	
CO1		
CO2		
CO3		
CO4		

- Note: 1. Q1 to Q4 from K1/K2.  
2. Q5 to Q8 from K3/K4.  
3. Q9 to Q10 from highest knowledge level.**