Reg. No | | | | | | | | | | |

AY 24

Gandhi Institute of Engineering and Technology University, Odisha, Gunupur
(GIET University)

M.Tech. (First Semester – Regular/Supplementary) Examinations, January – 2026

24MCTPC11001 – CONSTRUCTION PLANNING & CONTROL
(CTM)

Time: 3 hrs | Maximum: 60 Marks

(The figures in the right hand margin indicate marks)

PART – A **(2 x 5 = 10 Marks)**

Q.1. Answer ***ALL*** questions	CO #	Blooms Level
a. What is project management?	CO1	K1
b. What is meant by line balancing concept?	CO2	K1
c. Define an event in CPM.	CO3	K1
d. List out the components of PMIS.	CO4	K1
e. Give two points justifying the importance of leadership.	CO4	K1

PART – B **(10 x 5 = 50 Marks)**

Answer ***ALL*** the questions	Marks	CO #	Blooms Level
2. a. Explain in brief about the project team organization.	5	CO1	K2
b. What are the three conventional roles in project team?	5	CO1	K1
(OR)			
c. What are the responsibilities and duties of project team?	5	CO1	K2
d. Explain in brief about Project Team Organization Chart.	5	CO1	K2
3.a. What are the goals of construction planners?	5	CO2	K2
b. Describe the construction planning steps needed for a home renovation	5	CO2	K3
(OR)			
c. What are the benefits of construction planning for owners and builders?	5	CO2	K2
d. How to maximize the benefits of construction planning?	5	CO2	K3
4.a. Explain in detail about Project Management Information System	5	CO2	K2
b. Describe shortly about the components of PMIS	5	CO2	K2
(OR)			
c. What are the types of Management Information System?	5	CO3	K1
d. Mention the advantages and disadvantages of MIS.	5	CO3	K2
5.a. What are the key terms and stages in cost management activities?	5	CO3	K1
b. Classify the various costs in Cost management.	5	CO3	K2
(OR)			
c. What are the costing techniques?	5	CO3	K1
d. How to control costs?	5	CO4	K3
6.a. Illustrate the principles of management.	5	CO4	K2
b. Demonstrate in brief about the history of management theory.	5	CO4	K2
(OR)			
c. Describe in brief about Monistic or Economic Theory of Motivation	5	CO4	K2
d. Explain about Hierarchy of Needs Theory.	5	CO4	K2

--- End of Paper ---