

ANURAG Engineering College**(An Autonomous Institution)****IV B. Tech II Semester Regular/Supplementary Examinations, April - 2024****PROJECT MANAGEMENT****(COMMON TO EEE, MECH, ECE & CSE)****Time: 3 Hours****Max. Marks: 75****Section – A (Short Answer type questions)****(25 Marks)****Answer All Questions**

	Course Outcome	B.T Level	Marks
1. Define Construction Activity?	CO1	L1	2M
2. Define fabrication & erection?	CO1	L2	3M
3. List out any 3types of rollers?	CO2	L1	2M
4. List out different types of construction equipment's?	CO2	L1	3M
5. Define Quality control?	CO3	L2	2M
6. Discuss about environmental protection?	CO3	L2	3M
7. List out the types of contracts?	CO4	L1	2M
8. Define bidding?	CO4	L1	3M
9. Explain about project scheduling?	CO5	L2	2M
10. Describe about EVENT, ACTIVITY& critical path?	CO5	L2	3M

Section B (Essay Questions)**Answer all questions, each question carries equal marks.****(5 X 10M = 50M)**

11. A) Explain in detail about Fabrication and erection?	CO1	L3	10M
OR			
B) Illustrate construction activities?	CO1	L3	10M
12. A) Explain about different Rollers and handling equipment's?	CO2	L3	10M
OR			
B) Sketch the excavator, types of excavators, utilization of rollers in excavation?	CO2	L3	10M
13. A) Analyse different stages of quality control?	CO3	L3	10M
OR			
B) Explain in detail about Concept of green building?	CO3	L3	10M
14. A) Write about construction planning and stages of construction planning?	CO4	L3	10M
OR			
B) Explain about Contract management and Project estimation.	CO4	L3	10M
15. A) In a CPM network, illustrate about forward pass, critical path, earliest event time, latest allowable occurrence time?	CO5	L3	10M
OR			
B) Explain about Construction closure and Contract closure?	CO5	L3	10M