

ANURAG Engineering College

(An Autonomous Institution)

IV B.Tech II Semester Advanced Supplementary Examinations, August – 2024

PROJECT MANAGEMENT

(COMMON TO EEE, 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. Explain different types of Formworks?	CO1	L2	2M
2. Write briefly about the piling?	CO1	L1	3M
3. What are economic considerations for earthwork equipment?	CO2	L2	2M
4. Explain clamshells?	CO2	L2	3M
5. Write about Green building concept?	CO3	L2	2M
6. Write about ISO-9000?	CO3	L2	3M
7. What is Bidding?	CO4	L1	2M
8. Write about Planning of man power?	CO4	L2	3M
9. Define activity cost slope.	CO5	L1	2M
10. What is Arbitration?	CO5	L1	3M

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

11. A) How would you differentiate between general, specialized and auxiliary construction activities?	CO1	L3	10M
OR			
B) Why construction process is increasingly mechanized in India?	CO1	L3	10M
12. A) List out various types of compaction rollers. Explain any three	CO2	L2	10M
OR			
B) On what basis cranes are classified. Explain it. Discuss their applications?	CO2	L2	10M
13. A) Discuss the measures to ensure safety in construction.	CO3	L3	10M
OR			
B) State briefly the methods to achieve quality control on concrete.	CO3	L3	10M
14. A) Discuss in brief the role of management in project execution.	CO4	L3	10M
OR			
B) Explain procedure for project estimation?	CO4	L2	10M
15. A) During a dispute, what are the claims that a contractor can put forward against a client?	CO5	L3	10M
OR			
B) Following are the durations of activities of a project.	CO5	L3	10M

Activity	A	B	C	D	E	F	G
Predecessors			A	B	B	C, D	E
Duration (weeks)	11	7	9	13	8	8	8

Draw the network and find the critical path and calculate the floats of activities.