

ANURAG Engineering College**(An Autonomous Institution)****III B.Tech II Semester Regular/Supplementary Examinations, June/July-2024****MANAGEMENT SCIENCE****(ELECTRICAL AND ELECTRONICS ENGINEERING)****Time: 3 Hours****Max. Marks: 75****Section – A (Short Answer type questions)****(25 Marks)****Answer All Questions**

	Course Outcome	B.T Level	Marks
1. What is management?	CO1	L1	2M
2. Define Motivation?	CO1	L1	3M
3. What is Plant Layout?	CO2	L1	2M
4. Define Store management?	CO2	L1	3M
5. Write any three objectives of HRM?	CO3	L2	2M
6. What is Job Evaluation	CO3	L1	3M
7. Define PERT?	CO4	L1	2M
8. What is Project Crashing?	CO4	L2	3M
9. Define TQM?	CO5	L1	2M
10. What is Six Sigma?	CO5	L1	3M

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

11. Describe Various functions of management? A)	CO1	L2	10M
OR			
B) Evaluate the Principles and Techniques of Scientific Management?	CO1	L3	10M
12. Explain Various Types of Plants Layout? A)	CO2	L2	10M
OR			
B) Discuss Various Inventory Control Techniques?	CO2	L2	10M
13. What are the Functions Performed by the HR Manager? A)	CO3	L3	10M
OR			
B) Steps involved in performance Appraisal?	CO3	L3	10M
14. What is difference Between PERT and CPM? A)	CO4	L2	10M
OR			

B) A project has activities with the following normal and crash times and cost:

CO4 L4 10M

Activity	Predecessor Activity	Normal Time (Weeks)	Crash Time (Weeks)	Normal Cost (Rs.)	Crash Cost (Rs.)
A	-	4	3	8,000	9,000
B	A	5	3	16,000	20,000
C	A	4	3	12,000	13,000
D	B	6	5	34,000	35,000
E	C	6	4	42,000	44,000
F	D	5	4	16,000	16,500
G	E	7	4	66,000	72,000
H	G	4	3	2,000	5,000

Determine a crashing scheme for the above project so that the total project time is reduced by 3 weeks.

15. Write different stages in Strategy formulation and Implementation?

CO5 L3 10M

A)

OR

B) Write a short note on
i) TQM ii) SWOT Analysis

CO5 L3 10M