Code No: P18MBO04

HALL TICKET NUMBER

PACE INSTITUTE OF TECHNOLOGY & SCIENCES::ONGOLE
(AUTONOMOUS)
III B.TECH I SEMESTER END REGULAR EXAMINATIONS, JAN/FEB - 2022
MANAGEMENT SCIENCE
(Common to CSE,CSIT Branches)

Time: 3 hours   Max. Marks: 60

Note: Question Paper consists of Two parts (Part-A and Part-B)

PART-A
Answer all the questions in Part-A (5X2=10M)

Q.No.		Questions	Marks	CO	KL
1.	a)	Define management.	[2M]	1	1
	b)	Explain the need of Inventory control	[2M]	2	2
	c)	What are the objectives of HRM?	[2M]	3	1
	d)	What are the types of Activities in project management?	[2M]	4	2
	e)	Describe vision statement.	[2M]	5	2

PART-B
Answer One Question from each UNIT (5X10=50M)

Q.No.		Questions	Marks	CO	KL
		UNIT-I			
2.	a)	Explain the nature and importance of management	[5M]	1	2
	b)	Explain Maslow's Need – Hierarchy theory.	[5M]	1	3
		OR			
3.	a)	Define organization? Is it necessary to create an organization?	[5M]	1	2
	b)	Short notes on Maslow's Need – Hierarchy theory?	[5M]	1	3
		UNIT-II			
4.		The following data represents the number of defects found on each sewing machine cabinet inspected. Plot a control chart with control limits. Comment on the chart.	[10M]	2	4
		OR			
5.	a)	Distinguish between observed time, normal time and standard time	[5M]	2	2
	b)	Write a detail note on work sampling	[5M]	2	2
		UNIT-III			
6.	a)	What do you understand by Job Evaluation? What are the principles of job evaluation?	[5M]	3	2
	b)	Discuss the essentials of successful job evaluation system.	[5M]	3	3
		OR			
7.		What is PLC? Discuss about Marketing plans based on Product life cycle?	[10M]	3	2
		UNIT-IV			

Within Q4, the embedded data table:

Sample No.	1	2	3	4	5	6	7	8	9	10
No. of defects	8	10	7	9	6	7	8	9	4	5

8.		A project schedule has the following characteristics				[10M]	4	4
		Activity	Time(Week)	Activity	Time(Week)			
		1-2	4	5-6	4			
		1-3	1	5-7	8			
		2-4	1	6-8	1			
		3-4	1	7-8	2			
		3-5	6	8-10	5			
		4-9	5	9-10	7			
		(i) Construct a network (ii) Compute earliest occurrence time (E) and least occurrence time (L) for each event (iii) Find the critical path.						
		OR						
9.	a)	Differentiate between PERT and CPM?				[5M]	4	3
	b)	Write about application of network techniques to engineering problems?				[5M]	4	2
		UNIT-V						
10.	a)	Distinguish between Strategic planning, Tactical planning and Operational planning.				[5M]	5	3
	b)	Discuss essential steps in corporate planning through a flow chart?				[5M]	5	2
		OR						
11.	a)	What is SWOT analysis? Explain the process of SWOT analysis.				[5M]	5	3
	b)	'Business process reengineering deals with the restructuring the process associated with the products or services' – How?				[5M]	5	3

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