GBGS SCHEME

CONTRACTOR					_		
TEN							BME654 A
DOIN (A)	1						

Sixth Semester B.E./B.Tech. Degree Examination, June/July 2025 Project Management

Time: 3 hrs.

Max. Marks: 100

Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.

2. M: Marks, L: Bloom's level, C: Course outcomes.

3. Use of normal distribution table is permitted.

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		Module – 1	M	L	C
Q.1	a.	Discuss the project life cycle with neat sketch.	12	L2	CO1
	b.	Define project and list its characteristics.	8	L1	CO1
		OR			
Q.2	a.	Explain the steps involved in the strategic planning process.	12	L2	CO1
	b.	Explain the project selection methods.	8	L2	CO1
		Module – 2			
Q.3 a.	a.	Explain the stages in project planning process in detail.	10	L2	CO2
	b.	Discuss the work breakdown structure in detail.	10	L2	CO2
		OR			
Q.4	a.	Discuss project scheduling process, its development and purpose.	10	L2	CO2
	b.	Explain: i) Gantt chart ii) Monte Carlo simulation.	10	L2	CO2
		Module - 3			
Q.5	a.	Discuss the abilities needed when resourcing project.	10	L2	CO3
	b.	Explain cost planning, cost estimating and cost budgeting.	10	L2	CO3
		OR			
Q.6 a	a.	Explain briefly risk identification and risk analysis involved in project management.	10	L2	CO3
	b.	What do you understand by project quality tools and explain kick off projects?	10	L2	CO3
		Module – 4			
Q.7	a.	Discuss different types of contract with examples.	10	L2	CO4
	b.	Explain the process involved in project supply chain management.	10	L2	CO4

		OR	E	BME	654A
Q.8	a.	What is Knowledge Management? How does Knowledge Management help in Project Management?	10	L2	CO4
	b.	Write a note on: i) Project Balanced Scorecard Approach. ii) Finishing the project.	10	L1	CO4
-		Module – 5			
Q.9	a.	Write the difference PERT and CPM.	8	L1	CO5
	b.	A small project is composed of seven activities whose time estimates are listed in the table. Activity Estimated duration (weeks)	12	L3	COS
Q.10	a.	OR Discuss crashing or simple project in detail.	8	L2	COS
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	b.	A project consists of a series of tasks labeled A, B, H, I with the following relationships (W < X, Y means X and Y cannot start until W is completed) with this notation, construct the network diagram having the following constraints: A < D, E; B, D < F; C < G; B < H; F, G < I. Find also minimum time of completion of the project when the time (in days) of completion of each tasks is as follows: Task Time A 23 B 8 C 20 D 16 E 24 F 18 G 19 H 4 I 10 Also find ES EF IS	12	L3	COS
		Also find ES, EF, LS, LF and TF.			
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