PRN:		Course Code:	PCA203

First Year M.C.A. End Semester Examination Summer 2024

Software Project Management

Day and Date: 31 MAI 2024., friday Max Marks: **100**

Time: 2.00 pm to 5.00 pm Duration: **03** hrs

Instructions: All questions are compulsory.

			Marks	Bloom's Level	CO
Q.1		**Attempt the following**			
	a)	Explain Software Project Management. Identify needs and scope	08	L2	1
	b)	Analyze Software Project Planning.	08	L4	2
		OR			
	b)	Describe project estimation. What are methods of project estimation?	08	L3	1
Q.2		**Attempt the following**			
	a)	Describe Project Life Cycle.	08	L2	2
	b)	Discuss work break down structure (WBS) with their types and explain its advantages.	08	L3	2
		OR			
	b)	Describe Network diagram with objectives.	08	L3	2
Q.3		**Attempt any two from the following**			
	a)	Elaborate Monitoring & Controlling Project. Explain Eleven Process groups involved in it.	08	L2	2
	b)	Define the following terms. a) Cost Performance Index (CPI). b) Schedule Cost Index (SCI). c) Estimate on Completion (EAC). d) Cost Variance (CV) and Time Variance (TV).	08	L5	4
	c)	Distinguish Inspection and Walk through.	08	L4	4
Q.4		**Attempt any two from the following**			
	a)	Describe software quality assurance and testing.	08	L3	3
	b)	Discuss software testing with their types and levels of testing.	08	L3	3
	c)	Explain SQA Activities and formal SQA approaches.	08	L2	3
Q.5		**Attempt any Two of the following**			
	a)	Describe software configuration management.	09	L4	3
	b)	Discuss Control and Change Request management	09	L4	3
	c)	Discuss Risk Break down Structure with its objective.	09	L4	3
Q.6		**Attempt any Two of the following**			
	a)	Describe tools of Software Project Management.	09	L4	4
	b)	Elaborate Cost Benefit analysis.	09	L2	3
	c)	Describe Project closeout in detail.	09	L4	3

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