QP Code: 78170

(21/2 hours)

Total Marks: 75

Ŋ. В.:	(1) All questions are compulsory.	1
	(2) Make <u>suitable assumptions</u> wherever necessary and <u>state the assumptions</u> made.	
	(3) Answers to the same question must be written together.	
	(4) Numbers to the right indicate marks.	
	(5) Draw neat labeled diagrams wherever necessary.	
	(6) Use of Non-programmable calculators is allowed.	
	The state of the s	10
1.	 (4) Numbers to the right indicate marks. (5) Draw neat labeled diagrams wherever necessary. (6) Use of Non-programmable calculators is allowed. Attempt any two of the following:	10
a.	surbet are the key practices that improve overall software quality?	
b.	Explain predominant cost estimation process. List the attributes of good software cost	
U.	l'ta	
c.	List Rochm's top ten principles of conventional software project management.	
d.	What are the five fundamental parameters of software cost model?	
a.	11 Italian 22 -	10
	Attempt any two of the following:	10
2.	Explain the modern process approaches for solving top ten risks in the conventional	
a.		
12 19	E-plain the importance of software architecture, State inc thios distribution	
Ъ.	e-vare architecture from management perspective.	*
c.	Give a brief account of management set artifieds. Explain the primary objectives and essential activities for the elaboration phase.	
d.	Explain the primary objects	10
	Attempt any two of the following:	10
3.	- 1 -1- of a diagram explain line Wolkship	
a.		
b.	Explain the four major innestones at a project property WBS. Define WBS. Write. Write a short note on evolutionary WBS. Define WBS. Write write a short note on evolutionary wBS.	
c.	Define WBS. Write. Write a short note on evolutionary WBS. Define WBS. Write. Write a short note on periodic status assessment. List the contents of status assessment.	
d.	reviews.	
		10
	Attempt <u>any two</u> of the tollowing. What are the main features of default project organization? List the responsibilities of	
4.	Tibet are the main leatures of doubter project	
a.	software management team.	
	software management team. Explain the different states through which the project environment artifacts evolve. Explain the different states through which the project environment artifacts evolve.	
ъ.	Explain the different states through which the project environment of the states through which the project environment of the states through which the project environment of the states of PRA and SEEA.	
c.	Discuss organization 5 initiatives of PRA and SEEA.	
d.		10
_	Attempt any two of the following: What are the three fundamental sets of management metrics? Explain any two	
5.	What are the three fundamental sels of management	
a.	arement indicators.	
	Define the following terms:	
ъ.	Define the following terms: Define the following terms: vi) Change traffic ii) Breakage iii) Rework iv) MTBF v) Modularity vi) Change traffic ii) Breakage iii) Rework iv) MTBF v) Modularity vi) Change traffic iii) Breakage iii) Rework iv) MTBF v) Modularity vi) Change traffic iii) Breakage iiii) Rework iv) MTBF v) Modularity vi) Change traffic iii) Breakage iiii) Rework iv) MTBF v) Modularity vi) Change traffic iii) Breakage iiii) Rework iv) MTBF v) Modularity vi) Change traffic iii) Breakage iiii) Rework iv) MTBF v) Modularity vi) Change traffic iii) Breakage iiii) Rework iv) MTBF v) Modularity vi) Change traffic iii) Breakage iiii) Rework iv) MTBF v) Modularity vi) Change traffic iii) Breakage iiii) Rework iv) MTBF v) Modularity vi) Change traffic iii) Breakage iiii) Rework iv) MTBF v) Modularity vi) Change traffic iii) Breakage iiii) Rework iv) MTBF v) Modularity vi) Change traffic iii) Breakage iiii) Rework iv) MTBF v) Modularity iii) Rework iv) MTBF vi) MTBF v	
_	Define the following terms. i) Change traffic ii) Breakage iii) Rework iv) MTBF v) Modularity i) Change traffic ii) Breakage iii) Rework iv) MTBF v) Modularity ii) Change traffic ii) Breakage iii) Rework iv) MTBF v) Modularity Explain the process discriminators that result from differences in stakeholder cohesion. Explain the process discriminators that result from differences in stakeholder cohesion. What are the different ways to measure scale of the project? Compare trivial-sized what are the different ways to measure scale of the project?	
୍ ପ୍ର	What are the different ways to measure scale of	
di	What are the different ways projects and moderate-sized projects.	
(),	project-	

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Attempt any two of the following: 6. Explain the nine best practices of software management listed by "Airline Software a.

Council". Discuss continuous integration approach of modern project management. b.

- Discuss some indicators of a successful transition to a modern culture locused on improved software business performance.
- Give an account of next-generation software cost estimation models: d.

Attempt any three of the following: 7.

- Explain how object oriented technology contributes to software economics. List a. Booch's reasons for the success of object-oriented projects.
- Define artifact. Write a short note on Vision document and Software user manual. b.
- Discuss bottom-up approach for cost and schedule estimating process. c.
- Write short note on configuration baseline. d.
- Explain the basic characteristics of a good metric. e.
- Compare the characteristics of conventional software process with modern iterative f. development process framework.

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