ET602M1 - Software Engineering and Project Management

P. Pages : 1

GUG/W/23/13932

Time : Three Hours

7519

Max. Marks : 80

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Notes : 1. All questions are compulsory.
2. All questions carry equal marks.
3. Due credit will be given to neatness and adequate dimensions.
4. Assume suitable data wherever necessary.

1.	a)	What do you mean by software? Explain software characteristics in detail.	**8**
	b)	List software applications and explain any four applications in detail.	**8**
		OR	
2.	a)	"Software engineering: A Layered Technology" – Justify.	**8**
	b)	Explain waterfall model in detail. Also state its drawbacks.	**8**
3.	a)	What are the objectives of project planning and why it is important?	**8**
	b)	What is COCOMO? Explain in detail.	**8**
		OR	
4.	a)	What is the importance of staffing and planning?	**8**
	b)	What aspects are important when it comes to staffing and planning?	**8**
5.	a)	What do you mean by black Box testing? Explain.	**8**
	b)	Differentiate between white box testing and black Box testing.	**8**
		OR	
6.	a)	List and explain basic path testing.	**8**
	b)	Explain unit testing and integration testing in detail.	**8**
7.	a)	What is risk management in software engineering? Why risk management is important in software engineering?	**8**
	b)	Explain Risk monitoring and management.	**8**
		OR	
8.	a)	Explain the 4Ps of project management concepts.	**8**
	b)	What is software maintenance? Explain in detail.	**8**
9.	a)	Explain project scheduling and tracking in detail.	**8**
	b)	Define the task set for the software project.	**8**
		OR	
10.	a)	What are the golden rules of user interface design?	**8**
	b)	What do you mean by computer aided software engineering (CASE)? Explain.	**8**

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