

Model Question Paper with effect from 2023-24(CBCS Scheme)

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Fifth Semester B.E. Degree Examination
Software Engineering & Project Management

Time: 03 Hours

Max. Marks: 100

Note: 01. Answer any FIVE full questions, choosing at least ONE question from each MODULE.

Module-1			BL	Marks
Q.01	a	Define Software Engineering and explain practices involved in software Engineering	L2	07
	b	Demonstrate V- Model with a neat, labelled diagram.	L2	08
	c	Explain new Software Challenges and Software Myths.	L2	05
OR				
Q.02	a	With a neat diagram explain Incremental Process Models.	L2	07
	b	Briefly explain the Spiral Model with neat diagrams.	L2	08
	c	Explain unique nature of Web Apps.	L2	05
Module-2				
Q.03	a	Explain Negotiating requirements & Validating requirements	L3	08
	b	Explain key steps are involved in establishing the foundational groundwork for a successful software engineering project.	L2	07
	c	Provide a brief overview of the key tasks involved in requirement engineering.	L2	05
OR				
Q.04	a	Demonstrate access camera surveillance via Internet – display camera views function with a neat activity diagram.	L3	08
	b	Explain key steps involved in building a requirement model, and how do they contribute to the software development process?	L2	07
	c	Demonstrate class-based modelling and identify the analysis classes	L2	05
Module-3				
Q.05	a	Explain Agile Process and its principles	L2	08
	b	Demonstrate Extreme Programming Process with a neat, labelled diagram	L3	08
	c	Write short notes on tool set for Agile Process	L2	04
Q.06	a	Explain the principles that guide each framework activity in the software engineering process.	L2	08
	b	Describe software engineering knowledge and its core principles	L2	08
	c	Write short notes on other Agile software process.	L2	04
Module-4				
Q.07	a	Describe Project Management life cycle	L2	07
	b	Demonstrate activities covered by software project management with neat diagram	L3	08
	c	Explain various stages of contract management.	L2	05
OR				
Q.08	a	Explain project risk evaluation.	L2	07
	b	Explain cost benefits of evaluation techniques.	L3	08
	c	Differentiate between Software Projects V/S Other types of projects.	L2	05

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Module-5				
Q.09	a	Define Software Quality and explain the place of software quality in project management	L2	08
	b	Explain Software Quality Models.	L2	08
	c	Differentiate between Product and Process Quality Management.	L2	04
OR				
Q.10	a	Describe decomposition techniques in software project estimation	L2	08
	b	Explain Empirical Estimation model	L2	07
	c	Write a short notes on Observations on project estimations	L2	05