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

USN										

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					
2.01	Define Software Engineering and explain practices involved in software Engineering	L2	07		
	5 5	L2	08		
	, ,	L2	05		
	OR		+ 00		
0.02	With a neat diagram explain Incremental Process Models.	L2	07		
1		L2	08		
		L2	05		
	Module-2				
0.03	Explain Negotiating requirements & Validating requirements	L3	08		
]		L2	07		
	successful software engineering project.				
	Provide a brief overview of the key tasks involved in requirement engineering.	L2	05		
	OR		1		
2.04	Demonstrate access camera surveillance via Internet – display camera views	L3	08		
	function with a neat activity diagram.				
]	Explain key steps involved in building a requirement model, and how do they	L2	07		
	contribute to the software development process?				
	Demonstrate class-based modelling and identify the analysis classes	L2	05		
<u> </u>	Module-3				
2.05	Explain Agile Process and its principles	L2	08		
	Demonstrate Extreme Programming Process with a neat, labelled diagram	L3	08		
	Write short notes on tool set for Agile Process	L2	04		
Q.06	Explain the principles that guide each framework activity in the software engineering process.	L2	08		
1	Describe software engineering knowledge and its core principles	L2	08		
		L2	04		
1	Module-4				
0.07	Describe Project Management life cycle	L2	07		
]	Demonstrate activities covered by software project management with	L3	08		
	neat diagram				
	Explain various stages of contract management.	L2	05		
,	OR				
0.08	Explain project risk evaluation.	L2	07		
]	Explain cost benefits of evaluation techniques.	L3	08		
	Differentiate between Software Projects V/S Other types of projects.	L2	05		
	Differentiate between Software Projects V/S Other types of projects.		L2		

BCG501

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Fifth Semester B.E. Degree Examination

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Q.09	a	Define Software Quality and explain the place of software quality in project	L2 08		
		management			
	b	Explain Software Quality Models.	L2		80
	С	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
	С	Write a short notes on Observations on project estimations	L2		05