MODEL PAPER-1

Q. No	Question (s)	Marks	BL	CO
	UNIT - I			
1	**a)** Define system software. 1m 1d	**1M**	L1	C215.1
3m 2b	**b)** List the frame work activities.	**1M**	L1	C215.1
3m 2d	**c)** Mention the advantages of spiral model.	**1M**	L1	C215.1
3m 2e	**d)** List the phases of agile model.	**1M**	L1	C215.1
	UNIT – II			
1m 1a	**e)** Define software requirements.	**1M**	L1	C215.2
3m 2b	**f)** List the readers of user requirement.	**1M**	L1	C215.2
3m 2c	**g)** Draw the structure of spiral view of requirement engineering process.	**1M**	L1	C215.2
3m 2e	**h)** Mention the process activities involved in requirement elicitation & analysis.	**1M**	L1	C215.2
	UNIT – III			
1m 1c	**i)** List out Quality attributes.	**1M**	L1	C215.3
1m 1b	**j)** What is the goal of design engineering?	**1M**	L1	C215.3

Q. No	Question (s)	Marks	BL	CO
	UNIT – I			
2	Briefly explain Waterfall Model. Also write down advantages and disadvantages of the water fall model.	**8M**	L2	C215.1
	OR			
3	**a)** Explain regarding the evolving nature of software.	**4M**	L2	C215.1
	b) Explain how the Software Engineering is considered as a Layered Technology.	**4M**	L2	C215.1
	UNIT – II			
4	Explain the purpose and key components of a Software Requirements Specification (SRS) document. Identify the different readers of an SRS and their concerns. And also describe the relevant IEEE standards for SRS documents.	**8M**	L2	C215.2
	OR			
5	**a)** Explain regarding the feasibility study in detail.	**4M**	L2	C215.2
	b) Explain regarding the viewpoints in detail.	**4M**	L2	C215.2
	UNIT – III			
6	Describe the Patterns and Modularity in software design.	**4M**	L2	C215.3

OR				
7	Explain regarding the Design Model.	**4M**	L2	C215.3

MODEL PAPER-2

Q. No	Question (s)	Marks	BL	CO
UNIT - I				
1	**a)** Mention the characteristics of software. 3m 2a	**1M**	L1	C215.1
1m 1c	**b**) Define product in the evolving nature of software.	**1M**	L1	C215.1
3m 2b	**c)** List any four umbrella activities.	**1M**	L1	C215.1
3m 2c	**d)** Mention the advantages of waterfall model.	**1M**	L1	C215.1
UNIT – II				
1m 1b	**e)** List the types of software requirements.	**1M**	L1	C215.2
3m 2b	**f)** List the readers of software requirement specification document.	**1M**	L1	C215.2
3m 1d	**g)** Define requirement engineering process.	**1M**	L1	C215.2
3m 2d	**h)** What are the goals of feasibility study?	**1M**	L1	C215.2
UNIT – III				
1m 1a	**i)** Define design engineering.	**1M**	L1	C215.3
3m 2a	**j)** List out any four design concepts.	**1M**	L1	C215.3

Q. No	Question (s)	Marks	BL	CO
UNIT – I				
2	Explain Spiral Model with neat diagram, write advantages and disadvantages?	**8M**	L2	C215.1
OR				
3	**a)** Explain regarding the changing nature of software.	**4M**	L2	C215.1
	b) Describe about Software MYTHS in detail.	**4M**	L2	C215.1
UNIT – II				
4	**a)** Compare and contrast functional and non-functional requirements in software engineering.	**4M**	L2	C215.2
	b) Explain regarding the user requirements & system requirements.	**4M**	L2	C215.2
OR				
5	Define requirements validation in the requirements engineering	**8M**	L2	C215.2

10m 4c

	process. Explain its importance and briefly describe techniques used to validate requirements.			
UNIT – III				
6	Explain regarding the Design Model.	**4M**	L2	C215.3
OR				
7	Briefly Explain Quality attributes.	**4M**	L2	C215.3

MODEL PAPER-3

Q. No	Question (s)	Marks	BL	CO
UNIT - I				
1	**a)** Define the software engineering. 1m 1a	**1M**	L1	C215.1
1m 1b	**b)** Mention the steps involved in software development life cycle.	**1M**	L1	C215.1
1m 1d	**c)** Define application software.	**1M**	L1	C215.1
1m 1e	**d)** Define software myth.	**1M**	L1	C215.1
UNIT – II				
3m 2a	**e)** Mention the main difference between the functional & non-functional requirements.	**1M**	L1	C215.2
1m 1c	**f)** List the types of Non-functional requirements.	**1M**	L1	C215.2
3m 2b	**g)** List the readers of system requirements.	**1M**	L1	C215.2
1m 1e	**h)** Mention the types of feasibility.	**1M**	L1	C215.2
UNIT – III				
1m 1b	**i)** What is the goal of design engineering?	**1M**	L1	C215.3
3m 2b	**j)** Define the concept of "use case".	**1M**	L1	C215.3

Q. No	Question (s)	Marks	BL	CO
UNIT – I				
2	Explain SDLC - Agile Model in brief and mention the advantages.	**8M**	L2	C215.1
OR				
3	**a)** Describe the framework activities in software engineering briefly.	**4M**	L2	C215.1
	b). Explain in detail the capability Maturity Model Integration (CMMI)?	**4M**	L2	C215.1
UNIT – II				
4	**a)** Explain the purpose and key components of a Software	**4M**	L2	C215.2

	Requirements Specification (SRS) document. Identify the different readers of an SRS and their concerns.			
	b) Explain the interface specifications briefly.	**4M**	L2	C215.2
OR				
5	Explain about the requirements elicitation techniques in detail.	**8M**	L2	C215.2
UNIT – III				
6	Explain regarding the Design Model.	**4M**	L2	C215.3
OR				
7	Describe the Abstraction and Architecture in software design.	**4M**	L2	C215.3