Enrol	llment l	No: Exam S  C. U. SHAH UNIV  Summer Examination			
		Summer Examination	U11-2U22		
Subje	ect Nan	ne : Software Engineering			
Subje	ect Cod	e: 4TE05SWE1 Brancl	Branch: B.Tech (CE)		
Seme	ster: 5	Date: 28/04/2022 Time:	11:00 То 02:00	Marks: 70	
(1 (2 (3	) Instr ) Drav	of Programmable calculator & any other electructions written on main answer book are strictly neat diagrams and figures (if necessary) at rightness of the suitable data if needed.	ly to be obeyed.	oited.	
Q-1		Attempt the following questions:		(14)	
	b) c) d) e) f) j) k)	The purpose of a is to detail the work required programs that have deliverables and/or service Explain activities involved in risk manageme What is a test case?  What is the difference between the STLC (So and SDLC (Software Development Life Cycle What are the different black box testing technolifferentiate between Single-valued attribute Attribute?  Write any four process standards.  What is Critical path?  Differentiate product view and project view?  What is Domain Analysis?  What is SRS In Software Engineering?  What is use case?  Tell the difference between activity and sequence what are the various phases of SDLC?	ces performed.  Int process  Oftware Testing Life Cycle)?  Iniques?  Iniques and Multi-valued		
Atten	npt any	four questions from Q-2 to Q-8			
Q-2	<b>a</b> )	Attempt all questions Explain Waterfall Model with suitable diagra	ım.	(14) (07)	

## Explain Waterfall Model with suitable diagram. What is Requirement Engineering? List the Functional and Nonfunctional requirements for Blood Bank Management System. Attempt all questions Explain Agile Development in detail. Design a sequence diagram for Online ticket booking system. Q-3 **(14) (07)** a) b) **(07)**

b)



**(07)** 

Q-4		Attempt all questions	(14)
	a)	Discuss Software Configuration Management in detail.	(07)
	<b>b</b> )	Explain Software as a Service (SaaS). Give its applications	(07)
Q-5		Attempt all questions	(14)
	a)	Explain the role of data dictionary in analysis and design.	(07)
	<b>b</b> )	What is ER Diagram? List and explain symbols used for ER Diagram.	(07)
Q-6		Attempt all questions	(14)
	a)	Write short note on W5HH Principle.	(07)
	<b>b</b> )	Compare: Quality Control Vs. Quality Assurance.	(07)
Q-7		Attempt all questions	(14)
•	a)	What is Software Testing? Compare Black Box and White Box Testing	(07)
	<b>b</b> )	Explain Code review process in detail.	(07)
Q-8		Attempt all questions	(14)
-	a)	Explain COCOMO Estimation method with suitable example.	(07)
	<b>b</b> )	Write short notes on Reverse Engineering.	(07)

