

Day and Date: Wednesday 14 / 12 / 2022

Time: 10.00 am to 12.00 pm

Seat No:

Max. Marks- 50

Instructions:

- i. All Questions are compulsory.
- ii. Figure to the right indicate full marks.

BT	CO's	Q. No.		
		Q.1	All Questions are compulsory	20
2	CO5	a	Describe the overall process in extreme programming (XP) agile method ?	6
1,2	CO2	b	List & explain the desirable characteristics of an good SRS ?	7
1,2	CO1	c	Explain with figure Project Planning Process ?	7
		Q.2	All Questions are compulsory	10
1,2	CO3	a	Define a Class ? Explain class inheritance with diagrams ? OR Explain Coupling and Cohesion ?	4
6,2	CO3	b	Draw & explain the Data Flow diagram (Level 0 and 1) for the Hospital management system.	6
		Q.3	All Questions are compulsory	10
1,2	CO3	a	What is use Activity diagram? give an example	3
2,6	CO3	b	What is statechart ? Draw & explain state chart diagram for Telephone Line. (OR) Draw & explain Use Case diagram for Hotel room reservation and food service system ?	7
		Q.4	Attempt any two out of three questions	10
1,2	CO4	a	Explain code verification techniques	5
1,2	CO4	b	Describe Black –Box software testing technique ?	5
1,2	CO4	C	Explain in brief Test Plan & Test case design.	5