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G.R. No.	
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PAPER CODE	V223-284(ABD)
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May 2023 (ENDSEM) EXAM
S.Y. INFORMATION TECHNOLOGY (SEMESTER - II)
COURSE NAME: SOFTWARE ENGINEERING
COURSE CODE: ITUA22204
(PATTERN 2020)

Time: [1Hr]

[Max. Marks: 30]

Instructions to candidates:

- 1) Use of scientific calculator is allowed
- 2) Use suitable data wherever required
- 3) All questions are compulsory

Question No.	Question Description	Max. Marks	CO mapped	BT Level
Q.1	a) Compare Reactive & Proactive risk strategies.	[4]	[4]	[4]
	b) Show with neat diagram: Analysis and Design Workbench and explain each component.	[6]	[4]	[3]
	OR			
	c) Illustrate risk mitigation and risk monitoring techniques with suitable example or explain it with suitable scenario.	[6]	[4]	[3]
Q.2	a) Justify the need of regression testing.	[4]	[5]	[4]
	b) Illustrate V & V Model with suitable example. Justify the need of GUI testing.	[6]	[5]	[4]
	OR			
	c) Compare Testing with Debugging. Also Justify need of software Testing	[6]	[5]	[4]
Q.3	a) Identify the need of software maintenance.	[4]	[6]	[4]
	b) Identify and justify need of collaborative skills required in collaborative development.	[6]	[6]	[4]
	OR			
	c) Elaborate Reverse Engineering. Illustrate it with suitable example.	[6]	[6]	[2]

Note: [BT Level – 1. Remember 2. Understand 3. Apply 4. Analyze 5. Evaluate 6. Create]