Bearys | Bearys Institute of Technology MANGALORE
Education

Sub: SOFTWARE ARCHITECTURE AND DESIGN PATTERN

Sub code: 21CS741

SEM: 7th
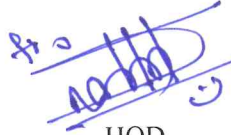
Faculty Name: Prof. Suhaiba

Time: 1.5 hours

Max. Marks: 50

*Answer **Any One Full Question** from each part*

PART A			M	CO	BT/CL
1.	a)	Explanation of structure of composite design pattern Explanation of participants of composite design pattern	6 4	3	L3
	b)	Explanation of motivation of façade design pattern Explanation of applicability of façade design pattern	7 3	3	L3
	c)	Explanation of motivation of Proxy design pattern Explanation of related patterns of Proxy design pattern	6 4	3	L3
OR					
2.	a)	Explanation of applications of Proxy design pattern Explanation of consequences of Proxy design pattern	6 4	3	L3
	b)	Explanation of motivation of composite design pattern Explanation of applicability of composite design pattern	7 3	3	L3
	c)	Explanation of structure of façade design pattern Explanation of implementation of façade design pattern	6 4	3	L3
PART B					
3.	a)	Diagram of Model-View-Controller architecture Explanation of Model-View-Controller architecture	3 7	4	L3
	b)	Listing of three real world examples Explanation of three real world examples for the MVC pattern (each carries 3 marks)	1 9	4	L3
OR					
4.	a)	Use case diagram for a drawing a line Use case diagram for adding a label	5 5	4	L3
	b)	Sequence diagram for drawing a line Explanation of the steps	4 6	4	L3

Course coordinator

Module coordinator

HOD   21/11/2024