Dr. Babasaheb Ambedkar Open University Term End Examination July – 2021

Course Subject Code Subject Name		:	BCA BCAN-502(NEW)		Date	:	09-Aug-2021	
		:			Time	:	01:00pm to 03:00pm	
		:	Object Oriented Analys	is and Desi	Design Duration		02 Hours	
					Max. Marks	:	50	
				Section	\mathbf{A}			
	Answer the following (Attempt any two)							0)
1.	Explain Tools and Approaches in OO Analysis and Design							
2.	Explain	Object	t Oriented Methodolog					
3.	Explain	Use Ca						
4.	Draw ar	nd Expl	lain UML Sequence D	iagram.				
				Section	В			
	Answer	the fo	llowing (Attempt any	three)			(1	5)
1.	Explain	Class a	and Object.					
2.	Draw ar	nd Expl	lain Business Domain	Model.	*			
3.	Explain	Unifie	d Modelling Language).	100			
4.	Explain	Collab	oration Diagrams.	•				
5.	Draw ar	nd Expl	lain State Transition D	iagram fo	r a Digital Watch.			
				Section	C			
			Part A (M	ultiple Cl	noice Questions)		(1	0)
1	Object (Oriente	d analysis includes		.			
	A Ol	bject m	odeling	В	Dynamic modeli	ng		
		_	al modeling.	D	All of these			
2	Prototy	ping is	process.					
	A Ite	erative		В	Linear			
	C In	cremen	tal	D	None of these			
3	Model I	integrat	·					
	A Be	ehavior		В	Function			
	C St	ructure		D	all of above			
4		is a l						
	A im	proved	l reliability	В	improved flexibi	lity		
	C rec	duced n	naintenance	D	all of these			
5	In UML	2, the	Name Box is	·				
	A cii	rcular iı	n shape	В	rectangular in sha	ape		
	_		in shape	D	none of above			
6	In UML Collaboration Diagram, patterns are used to							
	A ma	ake obj	ects	В	justify relationsh	ips		
	C ar	range n	umbers	D	all of above			

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7	In digital clock, which among the following is not a state									
	A Display	В	Set Hours							
	C Set Minutes	D	Set Days							
8	A collaboration diagram is simila	ar to	·							
	A flowchart	В	Network							
	C both a and b	D	none of above							
9	JavaBeans uses									
	A Linux	В	Java 1.1							
	C COM	D	all of these							
10	In UML collaboration diagram, Use case is shown as									
	A rectangle	В	Circle							
	C Eclipse	D	none of these							
	Pa	rt – B (Do as	Directed)	(05)						
	State whether the following star	·	,	` ′						
1	In a flowchart, process can be represented by rectangular shaped object.									
2	Maintenance of Software Project is the goal of Software Project Management.									
3	The purpose of Pseudocode is to plan for program logic.									
4	A class is a Collection of similar objects.									
5	Pseudocode is a tool which is used for planning program logic.									
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