R13

Code No: 126EQ JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD

		B. Tech III Year II Semester Examinations, April - 2018 OBJECT ORIENTED ANALYSIS AND DESIGN	
		(Common to CSE, IT)	terrief terrief
	Time:	3 hours Max. Mar	ks: 75
	Note:	This question paper contains two parts A and B. Part A is compulsory which carries 25 marks. Answer all questions in Part A. consists of 5 Units. Answer any one full question from each unit. Each question 10 marks and may have a, b, c as sub questions.	
••••		PART - A	
			(Iarks)
	1.a)	What is the importance of modeling?	[2]
	b)	Explain why object oriented approach is preferable when compared to approaches?	other [3]
and sand	c) d)	What is visibility of an element owned by a package? What are the steps to model simple collaborations of class diagram?	[2]
	e)	Distinguish between activity and action state in UML.	[3] [2]
	f)	Explain briefly about usecase flow of events.	[3]
	g)	Discuss how to depict iterated and broadcast messages in interaction diagrams.	[2]
	h)	What are the properties of a well structured component diagrams?	[3]
	i)	Enumerate steps to model concrete instances in UML.	[2]
	j)	What is node? How to organize nodes in UML?	[3]
		PART - B	
		(50 N	Iarks)
	2.a)	Write about structural things of UML vocabulary. Give UML notation.	
	b) 3.	What are principles of modelling? Explain. OR Explain briefly about following terms: a) Stereotypes	[5+5]
		b) Tagged Values	. 2 . 41
		c) Constraints [3	+3+4]
	4.a)	What is a class diagram? What are the common properties and uses of class diagram.	ams?
	b)	With reference to class diagrams, enumerate the steps to forward engineer. OR	[5+5]
	5.a) b)	Enumerate steps to model vocabulary of a system. Enumerate steps to model distribution of responsibilities in a system.	[5+5]

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6.a) b)			aplain about use on modeling techni			[5+5]	
7.a) b)	Explain abou Draw swimla your process	nt forking and join ane flowchart for es and procedure	OR ning concepts in a financial accounts.	activity diagram nting template a	with an example.	to show [5+5]	
8.a) b)	How will yo	u model distribut	ion of objects. Ifferent types of e			[5+5]	
9.a) b)	Consider an	object diagram th	OR ing timing construction to the distance of				
10.a							
) Draw a diag	_	ospital information OR set of nodes and	their relations	for library mana	[5+5]	
b	system.) Explain brie		ary, control and	entity classes.	Give suitable ex	_	
						[5+5]	
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			o oOoo			[5+5]	
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