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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD B. Tech IV Year I Semester Examinations, November/December - 2018 DESIGN PATTERNS

,	Time	e: 3 Hours	. / 1	<i>j</i> /	to CSE, IT)	M	x. Marks: 75						
	11010	Part A is com-	paper contains two	parts A	and B.								
	Part A is compulsory which carries 25 marks. Answer all questions in Part A Part B consists of 5 Units. Answer any one full questions of Part A Part B												
	consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.												
			water may have a	, v, c as	sub questions.								
*	,			art-4 (2	5 Marks)		1 1						
	1.a)	Define Design	Pattern,	. 🗸 🏄	Sand ata	[2]	$V = V_{\mu} / V_{\mu}$						
	b)	What are the us	ses of design patte	m?		[3]							
	c)	What is the stru	icture of documen	t?		[2]							
	d)	Explain briefly	about consequence	es of pro	ototype.	[3]							
	e)	Describe the str	ructure of Adaptor	Pattern.		[2]							
4	f)	List the Consec	uences of Façade	Pattern.	: ;	. [3]							
į	g) h)	Write the Dett	Consequences of	Interpre	ter Pattern?	: ran.a	*						
. I	i)	etai atta inte	n name and Class	ification	of Mediator Pat	tern. 📏 [3] 🕽							
	j)	Write about An	rnet of strategy pa	ittern?		[2]							
	J)	Write about Ap	plicability of Visit	or Patter	n.	[3]							
18C			Pa	rt-B (50	Marks)								
1	2.a) b)	Describe how a Explain about D	Design Pattern so Design Patterns in	lves the Smalltall OF	cMVC.	s. 1	[5+5]						
	3.a)	Describe about	Catalog of Design	Patterns	7								
	b)	How to organize	the Catalog of D	esion Pa	tem?		ER . mg						
		•		W.			[5+5]						
• 4	4.	Discuss the Mot	ivation, Structure,	Collabo	rations and Impl	lementation of	the fall						
1	#	- dittories.	۱ ۸	1 .		i i	the following						
	. (a) Builder	b) Singletor	OR			[5+5]						
3	5.a)	Can we use Abst	ract factory? Expl	ain brief	ly.								
	b)	Explain about M	ultiple window sy	stem.			[6+4]						
. 6	j.		tern name Appl	cability	Compa	1	_						
		following Pattern	tern name, Appl	caulity,	Consequences	and Related	Patterns of the						
·		a) Composite	b) Decorator	OR		111	[5+5]						
7	•	Discuss the Par	ticipants, Collabo	rations,	Sample Code.	and Related	Patterns of the						
		-0110 11 1115.		•	-		- account of file						
		a) Adaptor	b) Façade				[10]						

Manufacture 9		**************************************		1./1			
8. 9.		detail about Co	OR	() 1	[1]		!
10.	Explain th a) Strategy b) Visitor.	1	articipants, Struct		ntation of follow	ing Patterns +5]	* ₀ ,
11.	a) State	detail about the	following Patter		[5	+5]	
,		(11.	-00Oo	1	(***************************************
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