	a)	Draw the use case diagram for Bank's ATM System.	,	POKHARA UNIVERSITY						
	b)	What is MVC Pattern? Demonstrate MVC architecture with the help of Servlet, JSP, POJO classes and JDBC.	8		I	Level: Bachelor Programme: BE	Semester: Fall	Year : 2021 Full Marks: 100		
5.	a)	What is Presentation Layer and what are its components? What approach you follow to develop Presentation layer architecture? Also	8		(Course: Enterprise Appli	Pass Marks: 45			
			7		Time : 3hrs.		Time : 3hrs.			
		discuss about its design considerations.				Candidates are require	ed to give their answers in t	heir own words as far		
	b)	What is Rest? Explain in detail.		Candidates are required to give their answers in their own words as far as practicable.						
5.	a)	at is cross-site scripting? Explain how prepared statement prevent	7			The figures in the margin indicate full marks.				
		SQL injection?				Attempt all the questions.				
	b)	What is the difference and similarity between Agile and Scrum? Is there	8							
		any drawback of the Agile model? If yes, explain.		1.	a)	Convert following XN	ML code to JSON code.			
7.	Wr	Write short notes on: (Any two)				xml version="1.0"?				
	a)	Levels of TDD(Test driven Development)		<r< td=""><td><rowset></rowset></td><td></td><td colspan="2"></td></r<>		<rowset></rowset>				
	b)	Resource Oriented Architecture		<row></row>						
	c)	c) Convention vs Configuration				<id>1</id>				
			- <name>J</name>		<name>Johnson, Smi</name>	n, Smith, and Jones Co.				
						<amount>345.33<td></td><td></td></amount>				
						<remark>Pays on time</remark>				
						<row></row>				
						<id>2</id>				
						<name>Sam "Mad Dog" Smith</name>				
						<remark></remark>	>			
					b)	What is web services	architecture? Explain with	its components.		
				2.	(a)		not Source code Manage system(CVS) in detail.	ement(SCM)? Explain		
					b)	What is continuous in tools.	tegration? Explain any one	continuous integration		
				2			container What is the diffe	aranca hatwaen decion		
				3.	a)	patterns and framewo	container. What is the differrks?	erence between design		

b) What is lazy initialization? Design and implement a database connection class as singleton.