POKHARA UNIVERSITY

Pr	evel: Bachelor ogramme: BE ourse: Object Oriented	Semester: Spring d Software Development	Year: 2017 Full Marks: 100 Pass Marks: 45 Time: 3hrs.	
Ca	andidates are require s practicable.	ed to give their answers in th	qeir own words as far	
T	he figures in the marg	gin indicate full marks.		
A	ttempt all the questio	ons.		
a)	examples.	ect Oriented Analysis and		7
b)	What is UML? Explain different UML Diagrams with an appropriate example.			8
a)	Explain Iterative and	d Incremental Development	Process.	7
b)	Explain 4 P's of software development.			8
a)	What is Unified characteristics.	Software Development	Process? Explain its	8
1.1	What is Design Patt	ern? Write about importance	e of Design Patterns.	7
b)				7
a)	Describe Structural design pattern. Write about structure and documentation of pattern.			8
b) a)	Explain about Singleton pattern along with code in any suitable programming language (c++ or java or c#).			8
b)	What is Software A	rchitecture? Describe an arc	chitecture using UML.	7
b) a)	What is Software Architecture? Describe an architecture using UML. What do you mean by architectural pattern? Explain about Model View Controller (MVC) architectural pattern.			8
11	View Controller (M	riented Architecture Pattern	with design principles.	7
b)				2×5
	rite short notes on: (A	ed Software Development P	Process	
a)		eu software Development i	.000	
b)	Observer Pattern	Artifact and Workflow		
c)	worker, Activity, F	Tillact and Working		

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