Eighth Semester B.E. Degree Examination, June/July 2015 Software Architectures

Note: Answer any FIVE full questions, selecting alleast TWO questions from each part.

PART - A

- Define a flower problems in with the belot of next block diagram of ABC (Architecture Business Cycle). Explain in detail the different activities which are involved in creating a northware architecture?

 (12 Marks)

 Write short notes on:
 - i) Architectural patterns

Time: 3 hrs...

- ii) Reference model __
- iii) Reference architectures

008 Marks

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Max. Marks: 100

- 2 a. Explain in detail about tipes and filters architectural style with types (invarinate), advantages and disafrontages.
 - Explain a brief stars & & I. (Keywess & Context) problem with abstract data types and impacts invocation styles to implement southors.
 (10 Marks)
 - a. Wass are the qualities of system? Explain modifiability general scenario? (10 Marks)
 - What do you mean by tactics? Explain the availability factics with a neat diagram.
 - 4 a. Briefly explain pipes and filters architectural pattern benefits. (66 Markot
 - Define Buckstand architectural patters: Srieily explain the steps used to implement the hischboard pattern.
 With a note to care ASAY-II system.
 (8) Market
 - PART B
 - Define Broker architectural pattern. Explain types of participating components which
 (conquises it.
 h. Explain with next diaurum, the dynamic scenarios of model view controller (MVC).
 - (10 Marks)
 - What are the starts in rever at implementing microkernel system? Of Marian
 - a. Discuss 5 steps in implementing Master-Slave pattern. O#Marks

What are the benefits and Labilities of reflection architectural natterns?

- b. Discuss briefly implementation of whole part-cructure. (06 Marko)
 c. Mention benefits of growy design pattern. (02 Marko)
- 8 a. Explain with new diagram evolutionary delivery life cycle model. (08 Marko)
- b. What are the suggested standard organization points for interface documentation? (12 Marie)

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