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Eighth Semester B.E. Degree Examination, June/July 2011
Web 2.0 and Rich Internet Applications

Time: 3 hrs.

Max. Marks:100

**Note: Answer FIVE full questions selecting
at least TWO questions from each part.**

PART – A

- 1
 - a. Define Web 2.0 and list any six services offered by Web 2.0. (05 Marks)
 - b. What are web services? Give and explain WSDL structure. (05 Marks)
 - c. Identify the differences between JSON and XML by giving their syntax. (05 Marks)
 - d. Establish the relationship between RPC style SOAP and document style SOAP. (05 Marks)
- 2
 - a. Compare two models of web application with their respective diagrams. (08 Marks)
 - b. Illustrate with an example the hidden frame technique for GET & POST methods. (12 Marks)
- 3
 - a. What is XMLHttpRequest (XHR)? How do you create XHR object for IE and for cross-browser? Explain with code snippet. (08 Marks)
 - b. Illustrate with an example predictive fetch pattern. (06 Marks)
 - c. Draw a flow chart and explain the concept of submission throttling. (06 Marks)
- 4
 - a. Give and explain any six components of Flex Frame Work (Flex class library). (08 Marks)
 - b. Identify the differences between MXML and Action script. (04 Marks)
 - c. Explain with the diagram, how flex application works when deployed on the web. (08 Marks)

PART – B

- 5
 - a. Demonstrate with example, how action scripts are used within flex. (06 Marks)
 - b. Give and explain the syntax of the following. Also give the example for each:
i) Classes ii) Packages iii) Inheritance iv) Interfaces. (08 Marks)
 - c. With code snippet, explain two techniques of error handling in Action Script 3.0. (06 Marks)
- 6
 - a. Identify the differences between flash player and frame work. (06 Marks)
 - b. Explain with example, how one flex application can be loaded into another flex application. (06 Marks)
 - c. With class diagram, list and explain container types in flex. (08 Marks)
- 7
 - a. Demonstrate with an example, handling events with action scripts. (08 Marks)
 - b. Write a note on list based controls. (06 Marks)
 - c. With a code snippet explain accordion controls. (06 Marks)
- 8

Write short notes on:

 - a. Mash up Techniques
 - b. URL Loader in flex
 - c. RSS Reader with Ajax
 - d. RSS Reader with flex.

(20 Marks)
