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06CS/IS832

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)

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