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06CS832
IS

Eighth Semester B.E. Degree Examination, December 2010
Web 2.0 and Rich Internet Application

Time: 3 hrs.

Max. Marks:100

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

PART – A

- 1 a. Define SaaS and write any four principles of SaaS. (06 Marks)
b. Write a simple SOAP program. Explain. (04 Marks)
c. What is JSON? Explain the different types of literals used in JSON with examples. (10 Marks)
- 2 a. Why hidden frames are used? Explain the hidden frame technique for GET request, with example. (10 Marks)
b. What is AJAX? Write the key principles of AJAX. (06 Marks)
c. Write any four limitations of classic web application model, with respect to AJAX. (04 Marks)
- 3 a. How to create XHR object? Explain the methods and properties of XHR objects with example. (10 Marks)
b. Write the different ways of periodic refresh used in web. Explain. (04 Marks)
c. Why fallback pattern is used? Explain cancel pending requests using fallback pattern. (06 Marks)
- 4 a. What is flex frame work? Explain the different categories of flex library. (10 Marks)
b. Define MXML. Explain the structure of MXML components, with example. (10 Marks)

PART – B

- 5 a. What is an action script? How to use the variables, properties and methods in action script? Explain. (10 Marks)
b. How to create object in action script? Explain the inheritance and interface features in action script. (10 Marks)
- 6 a. Explain the internal application life cycle of flex framework. (06 Marks)
b. What is preloader? Give the list of preloaders in flex framework. (06 Marks)
c. Draw the class diagram of container components. Explain any eight container types in flex. (08 Marks)
- 7 a. Explain the properties of common UI components which work in MXML. (08 Marks)
b. Give the list of standard flex component events and explain. (06 Marks)
c. Write the MXML script to control the button using popup controls. (06 Marks)
- 8 a. What is mashups? Explain any two muchup techniques. (04 Marks)
b. Explain any two HTTP services using MXML script. (10 Marks)
c. What is URL loader in flex? Explain the responses using URL loader. (06 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg, 42+8 = 50, will be treated as malpractice.

