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Eighth Semester B.E. Degree Examination, Dec.2015/Jan.2016
Web 2.0 & Rich Internet Applications

Time: 3 hrs.

Max. Marks:100

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

PART – A

- 1 a. Distinguish between traditional web application model and AJAX web development model with diagram. (10 Marks)
- b. Why hidden frames are used? Explain the hidden frame technique for CGT request, with example. (10 Marks)
- 2 a. Write the syntax of XMLHttpRequest object open method What is the purpose of it? (10 Marks)
- b. Write an AJAX application to demonstrate a connection with Google suggest. (06 Marks)
- c. Define inner functions. (04 Marks)
- 3 a. Write an AJAX application to dynamically create & validict an image. (08 Marks)
- b. Write a note on Images & cookies. (04 Marks)
- c. Write short notes on any two:
 - i) Validity of integer
 - ii) Handling timeouts
 - iii) Replacing elements using DOM. (08 Marks)
- 4 a. Compare and contrast traditional & flex web applications. (06 Marks)
- b. List the various advantages of flesh player. (04 Marks)
- c. What is flex framework? Explain the contents of flex class library. (10 Marks)

PART – B

- 5 a. Briefly explain MXML syntax and structures. (08 Marks)
- b. What are the UI components? What are the common properties implemented with UI components? (12 Marks)
- 6 a. Write the MXML script to control the button using popup controls. (06 Marks)
- b. Explain the class diagram of container components with the help of a neat diagram. (08 Marks)
- c. Explain the concepts of arrays in action script with examples. (06 Marks)
- 7 a. How to create object & states in an action script? (10 Marks)
- b. Demonstrate with an example, handling events with action script. (10 Marks)
- 8 Write short notes on any four:
 - a. Data binding for custom classes
 - b. Building data binding proxies
 - c. Validating user input
 - d. Formatting Data
 - e. Error handling in action script (20 Marks)

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