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.

Fifth Semester MCA Degree Examination, Dec.2017/Jan.2018 Web 2.0 RIA

Time: 3 hrs.

Max. Marks:100

Note: Answer any FIVE full questions.

| 4 | 0 | What is Ajax? Explain with an example, how is Ajax different form tradit | ional web | |
|-------|----------------|--|----------------------------------|---|
| 1 | a. | applications. | (08 Marks) | |
| | h | Describe the hidden frame technique of Ajax with a neat diagram. | (08 Marks) | |
| | b. | Briefly explain the technologies behind Ajax. | (04 Marks) | |
| | c. | Briefly explain the technologies benind right. | Con to the state of the state of | |
| • | | How do handle multiple and concurrent request in Ajax, explain with an e | xample of | |
| 2 | a. | handling to XMLHTTPRequest object. | (08 Marks) | |
| | 1 _e | What is inner function in Ajax? Explain with an example. | (06 Marks) | |
| | b. | Draw a flow chart to explain the concept of submission throttling pattern. | (06 Marks) | |
| | c. | Draw a now chart to explain the concept of subthission throtting patterns | (001111111) | |
| 3 | 0 | What is DOM. Explain how to append, insert and replace new elements using DO | M with an | |
| 3 | a. | example? | (10 Marks) | |
| | b. | What is the purpose of time outs in web applications? How to handle time outs in | | |
| | υ. | What is the purpose of time outs in wes appropriate | (06 Marks) | |
| | c. | How do wrap up an applications into an single php page. Explain with an example | . . | |
| | О. | | (04 Marks) | |
| | | | | |
| 4 | a. | What is flex? Explain in brief about the technologies behind flex. | (10 Marks) | |
| | b. | List atleast five differences between the flex web technologies and tradit | ional web | |
| | | technologies. | (06 Marks) | |
| | c. | Explain the component life cycle of flex. | (04 Marks) | |
| | | | _ | |
| 5 | a. | What is MXML? How is MXML used in flex framework? Explain with an examp | le. | |
| | | | (06 Marks) | ¥ |
| | b. | Discuss some of the common UI component properties with example. | (08 Marks) (06 Marks) | |
| | c. | List out MXML and ActionScript correlations. | (00 Marks) | |
| | | | (05 Marks) | |
| 6 | a. | List the difference between interfaces and classes in ActionScirpt. | (05 Marks) (10 Marks) | |
| | b. | What is state in Flex? Write an example to handle different states in flex. | (10 Marks) | |
| | C. | What is reflection in Action Script? How is it used? | (US Marks) | |
| W-100 | | The state of the s | (10 Mowks) | |
| 7 | a. | What is data binding? Explain the different types of data binding with examples. | (10 Marks) | |
| | b. | What is data model? Explain the usage of <mx: model=""> tag in flex application.</mx:> | | |
| | C. | How to validate user input? Explain with an example. | (05 Marks) | |
| | | | | |
| 8 | 100 | Write short notes on: | Commence | |
| | a. | SAAS | | |
| | b. | Fluid user interface | | |
| | C. | Semantic web | (20 Marks) | |
| | d. | Collaborative tagging and folksonomies. | (20 Mains) | |

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