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**MCA DEGREE III SEMESTER EXAMINATION NOVEMBER 2015****CAS 2304/2505 WEB ENABLED JAVA PROGRAMMING***(Regular)*

Time: 3 Hours

Maximum Marks: 50

**PART A**(Answer *ALL* questions)

(15 × 2 = 30)

- I. (a) Define exception handling.  
(b) Define connection pooling.  
(c) Explain different web applications.
- II. (a) Explain servlet synchronization.  
(b) Define URL rewriting.  
(c) What is servlet config?
- III. (a) Explain scriptlets.  
(b) Define Jsp:plugin.  
(c) Write about template content.
- IV. (a) Define navigation.  
(b) Explain data tables.  
(c) Explain convertors and validators.
- V. (a) Explain the prototype libraries.  
(b) Explain hybrid components.  
(c) Write a short note on AJAX.

**PART B**

(5 × 4 = 20)

- VI. Explain the object oriented concepts.
- OR
- VII. Write java program to prepare the students ranklist using JDBC.
- VIII. Explain java servlets.
- OR
- IX. Explain client side programming.
- X. Explain the life cycle of JSP.
- OR
- XI. Define JSP standard actions.
- XII. Describe beans with suitable program.
- OR
- XIII. Explain the event handling techniques with examples.
- XIV. Explain form completion with Ajax4jsf using suitable example.
- OR
- XV. Explain java web services.