

**III B. Tech II Semester Supplementary Examinations, November/December - 2016**  
**WEB TECHNOLOGIES**  
 (Common to CSE and IT)

Time: 3 hours

Max. Marks: 70

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- Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)  
 2. Answering the question in **Part-A** is compulsory  
 3. Answer any **THREE** Questions from **Part-B**

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**PART -A**

- 1 a) Write the structure of HTML Program. [3M]  
 b) What are the different XSLT elements? [4M]  
 c) What is synchronous request in AJAX? [4M]  
 d) What is the difference between include and require? [4M]  
 e) What are scalar data and scalar variables? [4M]  
 f) What is a Ruby script? [3M]

**PART -B**

- 2 a) With the neat block diagram explain the CSS Box Model. [8M]  
 b) Write a Java Script code to generate the current date in words format "Day, Month Date, Year". (Hint: Friday, December 18, 2015) [8M]
- 3 a) Create a XML document to store voter ID, voter name, address and date of birth details. Create a DTD to validate the document. [8M]  
 b) What is DOM? Draw the detailed DOM objects structure. Explain its usage. [8M]
- 4 a) Discuss in detail Integrating PHP and AJAX. [8M]  
 b) What is UDDI? Explain in detail the architecture of UDDI. [8M]
- 5 a) How we can retrieve the data in the result set of MySQL using PHP? Explain. [8M]  
 b) What is the difference between explode () and split () functions in PHP? [8M]  
 Explain with an example.
- 6 a) Explain with an example how to open and read data files with Perl. [8M]  
 b) Write a short note on Perl language elements. [8M]
- 7 a) Write a ruby script to display grades of a student using hashes. [8M]  
 b) Explain in detail Practical Web Applications. [8M]

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