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**P.E.S. College of Engineering, Mandya - 571 401**  
*(An Autonomous Institution affiliated to VTU, Belgaum)*  
**Fifth Semester - Master of Computer Application (MCA)**  
**Semester End Examination; Dec. - 2015**  
**Web Programming**

*Time: 3 hrs*

*Max. Marks: 100*

**Note:** Answer any **FIVE** full questions.

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|------|--|----|
| 1 a. | List the difference between HTML and XHTML.  | 5  |
| b.   | Explain the different phases of HTTP in details.   | 10 |
| c.   | With syntax explain:   | 5  |
|      | i) Meta Element              ii) Links   | 5  |
| 2 a. | Define CSS. Explain the levels of CSS.   | 6  |
| b.   | Explain Box Model.   | 4  |
| c.   | Explain different selector forms.  | 10 |
| 3 a. | Explain SPAN and DIV tags with example.  | 5  |
| b.   | Explain different primitive types in Java script.  | 5  |
| c.   | Develop a XHTML document using Java script for on Load and on focus events.                                  | 10 |
| 4 a. | Explain different approaches to XHTML element access in Java script.   | 8  |
| b.   | Explain:   | 6  |
|      | i) Event    ii) Event handler    iii) Event Registration.  | 6  |
| c.   | Write XHTML with Java script program to find square of given $n$ numbers.                                    | 6  |
| 5 a. | With an example, explain absolute and relative positioning of elements in Java script.                       | 10 |
| b.   | What is document type definition? Explain with an example how elements attributes and entities are declared. | 10 |
| 6 a. | Explain XML namespace.   | 4  |
| b.   | Explain XML processor.   | 6  |
| c.   | Write a PERL program to display various server information.  | 10 |
| 7 a. | Explain query string format.   | 10 |
| b.   | Explain COOKIES.   | 4  |
| c.   | Explain <i>sort</i> , <i>asort</i> and <i>ksort</i> in PHP.  | 6  |
| 8 a. | Write the steps to access data base MYSQL using PHP.   | 10 |
| b.   | Explain different data types in Ruby.  | 10 |