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Code No: R31125 **R10** **Set No: 1**

III B.Tech. I Semester Regular Examinations, November/December - 2012

**WEB TECHNOLOGIES**

(Information Technology)

**Time: 3 Hours** **Max Marks: 75**

Answer any FIVE Questions

All Questions carry equal marks

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1. (a) Explain in detail about HTTP and POP3 protocols.
   (b) Define forms. Briefly explain all its attributes with neat example.

2. (a) Explain the following terms related to CSS:
   i. Font size
   ii. Font weight
   iii. Font stretch
   iv. Text decoration
   v. Text transformation
   vi. Text alignment
   vii. Padding
   viii. Border style.
   (b) Explain the various ways you can refer a color in CSS.

3. (a) JavaScript is event driven. What are events? What events can JavaScript handle?
   (b) Write and test a regular expression which swaps the first two words of a string.

4. (a) Explain how a switch-case statement is used in JavaScript with an example?
   (b) Describe the scoping rules for the JavaScript with examples.

5. (a) With a suitable example explain the creation of namespaces in XML.
   (b) Explain the various types of XML schema data types.

6. Briefly explain the Creation and Running procedure of PHP script.

7. (a) Briefly explain about user defined functions in PHP.
   (b) Briefly explain about Math built in functions.

8. Explain in detail about AJAX with an example program.

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Code No: R31125 **R10** **Set No: 2**

III B.Tech. I Semester Regular Examinations, November/December - 2012

**WEB TECHNOLOGIES**

(Information Technology)

**Time: 3 Hours** **Max Marks: 75**

Answer any FIVE Questions

All Questions carry equal marks

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1. Explain the following with examples:
   (a) Creation of HTML document with table.
   (b) Creation of HTML document with frames.

2. (a) Describe the different ways that styles can be added to a page with their merits and demerits.
   (b) What is stylesheet class?

3. (a) Compare and contrast HTML and DHTML.
   (b) Write a JavaScript to validate a form consisting of a username. Also navigate to another web page after validation.

4. (a) Explain in detail the importance of Math object.
   (b) What are the methods of Date object? Explain.

5. Define XML Schema. Explain in detail XML Schema and namespaces with examples.

6. (a) How to create PHP Script? Explain with example.
   (b) How to access HTTP data in PHP?

7. (a) Explain about type casting mechanism in PHP.
   (b) Explain in detail Regular Expression in PHP.

8. Explain the usage of XML and PHP with AJAX with illustrations.

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Code No: R31125 **R10** **Set No: 3**

III B.Tech. I Semester Regular Examinations, November/December - 2012

**WEB TECHNOLOGIES**

(Information Technology)

**Time: 3 Hours** **Max Marks: 75**

Answer any FIVE Questions

All Questions carry equal marks

*****

1. (a) Define frame. Briefly explain all its attributes with neat example.
   (b) Explain in detail about SMTP protocol.

2. (a) Describe the scoping rules for the JavaScript with examples.
   (b) Briefly explain about Page Layout.

3. (a) Describe the primitive data types that JavaScript uses.
   (b) Write a script that reads an integer and determines and displays whether it is an odd or even number.

4. (a) Write a CSS program that explains the concept of internal StyleSheets.
   (b) Write a CSS program to explain background attachments.

5. Briefly explain DOM and SAX XML Parsers with neat examples.

6. (a) Explain in detail Associate Arrays in PHP.
   (b) Explain in detail Array Functions in PHP.

7. (a) Briefly explain about constants and operators in PHP.
   (b) Explain about Cookies in PHP.

8. Explain in detail about CGI with an example Perl program.

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Code No: R31125 **R10** **Set No: 4**

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**WEB TECHNOLOGIES**

(Information Technology)

**Time: 3 Hours** **Max Marks: 75**

Answer any FIVE Questions

All Questions carry equal marks

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1. (a) Define MIME. What is meant by MIME types of file? Which is the method that return the MIME type of file?
   (b) Briefly explain the history of Internet and WWW.

2. (a) Briefly explain about CSS properties and CSS for links.
   (b)Explain about controlling fonts in CSS.

3. Explain in detail about Page Layout which includes Page size, Designing pages, Structuring pages.

4. (a) Write a PHP Script to test whether given number is even or odd.
   (b)What are the different Operators supported by PHP.

5. Define XML DTD. Explain in detail the types of XML DTD with neat examples.

6. (a) Discuss running PHP Script.
   (b) Explain in detail Functions in PHP.

7. (a) Explain the steps to connect the database from PHP script.
   (b) Write a PHP script to retrieve data from database. Assume your own database.

8. Write a technical note on
   (a) AJAX
   (b) CGI

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