

Level: Bachelor  
Programme: BE  
Course: Web Technology

Year : 2018  
Full Marks: 100  
Pass Marks: 45  
Time : 3hrs.

*The figures in the margin indicate full marks.*

*Attempt all the questions.*

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|----|----|--|----|
| 1. | a) | Define DNS. Explain about HTTP and MIME protocols.   | 7  |
|    | b) | A company asked you to develop website for it. Which language and tools will you use for the development and why? Also how can you put the website online? | 8  |
| 2. | a) | Write a HTML code to generate following table with form elements   | 10 |

Fill the form below	
Name:	<input type="text"/>
Password:	<input type="password"/>
Feedback:	<div> <div></div> <div></div> <div></div> <div></div> </div>
Gender:	<input type="radio"/> Male <input type="radio"/> Female
Subject:	<input type="checkbox"/> Web <input type="checkbox"/> Math <input type="checkbox"/> Graphics <input type="checkbox"/> English
	<input type="button" value="Reset All"/> <input type="button" value="Submit Above Details"/>

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|    | b) | Discuss how events are handled in JavaScript.   | 5  |
| 3. | a) | Why CSS is used in Web designing? Explain different levels (types) of style sheets with example. Also write advantages and disadvantages of each. | 10 |
|    | b) | Explain the DOM model used in JavaScript.   | 5  |
| 4. | a) | Write JavaScript code to illustrate element positioning, stacking elements and mouse cursor.  | 8  |

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|    | b) Explain the origin, major features and arrays of PHP.   | 7   |
| 5. | a) Write a program in PHP to list out all prime numbers within a given range.  | 8   |
|    | b) Why JavaScript is called as Client Side Scripting Language? Explain the Popup Box in Javascript with syntax only. | 7   |
| 6. | a) What are cookies? How can we write a cookie on user computer? Explain with a sample code.                         | 8   |
|    | b) How do you connect PHP with MySQL? Write a PHP code that retrieves the name and password from database.           | 7   |
| 7. | Write short notes on: ( <b>Any two</b> )   | 2×5 |
|    | a) Session Handling  |     |
|    | b) Multimedia in HTML  |     |
|    | c) RSS feed  |     |