

Code No: **R32055**

R10

Set No. 1

III B.Tech II Semester Supplementary Examinations, November - 2017

ADVANCED JAVA AND WEB TECHNOLOGIES

(Computer Science and Engineering)

Time: 3 hours**Max. Marks: 75**

Answer any FIVE Questions

All Questions carry equal marks

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|---|---|------|
| 1 | a) Describe how HTML and CSS complement each other in building rich WebPages? | [8M] |
| | b) Write a script illustrating java script events. | [7M] |
| 2 | a) Write a short note on PHP math functions. | [7M] |
| | b) Write a PHP script to display the current time of the day at the server with in a webpage. | [8M] |
| 3 | a) Explain the DOM structure for a simple document. | [8M] |
| | b) What is DTD? Explain the difference between external DTD and internal DTD. | [7M] |
| 4 | a) What are the classes defined in java beans? Explain them briefly. | [8M] |
| | b) How a bean can be used in a web document? Discuss with an example. | [7M] |
| 5 | a) Describe a typical Servlet life-cycle scenario. | [8M] |
| | b) Write a brief note on session tracking. | [7M] |
| 6 | a) What are JSP documents? Explain in detail about scriptlets. | [8M] |
| | b) Explain JSTL control action elements. | [7M] |
| 7 | a) Describe how we can use the MVC methodology within Struts2. | [8M] |
| | b) What are action classes in Struts? Illustrate them with an example. | [7M] |
| 8 | a) Explain the characteristics of AJAX that help it achieve its goals. | [8M] |
| | b) What is UDDI? Explain Service discovery with UDDI registries. | [7M] |

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