

Code No: **R32055****R10****Set No. 1**

**III B.Tech II Semester Supplementary Examinations, November -2018**  
**ADVANCED JAVA AND WEB TECHNOLOGIES**  
(Computer Science Engineering)

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

**Answer any FIVE Questions**  
**All Questions carry equal marks**  
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|---|----|--|-------|
| 1 | a) | Create a Personal Website by using HTML Frames Concept.  | [8M]  |
|   | b) | Write a Java Script Program to print list of Perfect Numbers from 1 to n.  | [7M]  |
| 2 | a) | Explain types of Arrays in PHP. Describe various ways of handling them   | [8M]  |
|   | b) | Describe PHP Connectivity with Database in detail.   | [7M]  |
| 3 | a) | Compare and Contrast SAX & DOM parsers   | [6M]  |
|   | b) | What are the limitations of Document Type Definitions (DTDs)? How these limitations are overcome using XML schema? | [9M]  |
| 4 | a) | Explain the Properties of Java bean and discuss Bound and constrained properties.                                  | [8M]  |
|   | b) | Discuss in detail about Bean Introspection.  | [7M]  |
| 5 | a) | Write about Life Cycle methods of servlets.  | [6M]  |
|   | b) | Explain in detail about javax.servlet.http package.  | [9M]  |
| 6 | a) | Explain the anatomy of JSP page in detail.   | [10M] |
|   | b) | Write a JSP Program to check the current year is Leap or not.  | [5M]  |
| 7 | a) | Discuss different JDBC drivers with its architecture.  | [8M]  |
|   | b) | How to deploy Java Beans with JSP and write a program to demonstrate it.   | [7M]  |
| 8 | a) | Explain about AJAX with WSDL.  | [8M]  |
|   | b) | Explain a PHP program using AJAX.  | [7M]  |

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