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

III B.Tech II Semester Supplementary Examinations, October/November - 2020
ADVANCED JAVA AND WEB TECHNOLOGIES
(Computer Science and Engineering)

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

Answer any FIVE Questions
All Questions carry equal marks
*****

1. a) Discuss the tags used to create list, tables and images in HTML. [7M]
   b) What is the need of CSS? Discuss in brief about different kinds of CSS with a suitable program. [8M]

2. Design a sample PHP script to define and use the variables, constants, data types and operators in a PHP program. [15M]

3. a) Differentiate between DTD and XML scheme with an example. [7M]
   b) How can you check whether an XML document is valid and well formed? Illustrate. [8M]

4. a) Write the steps to create and configure an instance of Our Button Bean. [7M]
   b) How can you apply bound properties and constrained properties for a Java Bean? Discuss. [8M]

5. a) What is a Cookie? Give its usage. Develop a servlet that illustrate the use of Cookies. [7M]
   b) Design a servlet program that handles HTTP GET request containing data that is supplied by the user as a part of the request. [8M]

6. How to generate dynamic content; declare variables and methods in JSP application development? Illustrate. [15M]

7. Design an online feedback management system using HTML, JSP servlet and JDBC. [15M]

8. a) Write a simple AJAX program to change a variable value in every five seconds in AJAX style. [7M]
   b) What is UDDI? Explain Service discovery with UDDI registries. [8M]

*****