

Code: CS6T1

III B.Tech - II Semester – Regular Examinations – May 2017

**ADVANCED JAVA AND WEB TECHNOLOGIES
(COMPUTER SCIENCE & ENGINEERING)**

Duration: 3 hours

Max. Marks: 70

PART – A

Answer *all* the questions. All questions carry equal marks

11x 2 = 22 M

1.

- a) What is meant by dynamic HTML?
- b) Create HTML page using title and body tags.
- c) What is the purpose of the Meta tag in HTML?
- d) Explain the purpose of DTD.
- e) What is the difference between DHTML and HTML?
- f) What is API?
- g) What is ODBC and JDBC?
- h) What is generic servlet class?
- i) How to create Object in JavaScript?
- j) How to represent the XML Document and give example?
- k) What are java beans?

PART – B

Answer any *THREE* questions. All questions carry equal marks.

3 x 16 = 48 M

2. a) Explain the following input components in HTML forms with proper syntax of the corresponding HTML tags:
- i. Text Input. 5 M
 - ii. Selectable list with multiple selection option. 5 M
 - iii. Radio Buttons 6 M
3. a) Explain the characteristics of DHTML. 8 M
- b) Briefly explain java script Array objects. 8 M
4. a) What is XML? Explain the differences between XML and HTML. 8 M
- b) What is a Java Bean? Discuss the advantages of Java Beans. 8 M
5. a) List and explain the steps followed to test the servlet program. 8 M
- b) Discuss the four types of JDBC drivers. 8 M

6. a) State and explain the various methods defined by
ServletResponse and HttpServletResponse interfaces.

10 M

b) Explain action tags in JSP.

6 M