

Code: CS6T1

**III B.Tech-II Semester–Regular/Supplementary Examinations–March 2019**

**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) Give an example of HTML Style Attribute.
- b) Differentiate inline CSS and external CSS.
- c) List two benefits of Javascript.
- d) Create an object called car with 3 attributes.
- e) Give two differences between HTML and XML.
- f) Define DTD.
- g) List 4 JDBC drivers.
- h) List 3 methods of GericServlet Class.
- i) List all scripting elements tags.
- j) Give an example of JSP expression tag.
- k) What are the problems with Servlets?

## PART – B

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

3 x 16 = 48 M

2. a) Write a HTML code to create your own class table. 10 M
- b) Create a HTML page containing 4 frames, two frames on first row and two frames on second row. Then load 4 different images into 4 frames. 6 M
3. Create a HTML form with name, JNTUno, and e-mail along with submit button. Write javascript code to validate name, JNTUno and e-mail after clicking submit button. 16 M
4. a) Define an XML document for Books using DTD. 8 M
- b) Name 4 Design patterns and explain any two. 8 M
5. a) Explain the basic MVC architecture with a neat sketch. 8 M
- b) Explain servlet life cycle with an example. 8 M
6. a) Explain JSP implicit objects. 10 M
- b) Explain at least 6 jsp action tags with their use. 6 M