Code: CS6T1

III B.Tech - II Semester – Regular/Supplementary Examinations March 2020

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)   Write the format of html program.
b)   Mention some text formatting tags.
c)   What do you mean by column spanning and row spanning?
d)   What does DHTML refer?
e)   Define scriptlets.
f)   What is the use of XML namespace?
g)   What are the design patterns for Boolean properties in a Bean?
h)   How can we set null value in JDBC PreparedStatement?
i)   What is the difference between HttpServlet and GenericServlet?
j)   What is Session Tracking?
k)   Write down the various attributes for the page directives in JSP.

PART – B

Answer any *THREE* questions. All questions carry equal marks.   3 x 16 = 48 M

2. a) Explain how Frames are created with an example.   8 M

   b) Describe how HTML and CSS complement each other in building rich WebPages?   8 M

3. a) How scripting language is differs from html? Explain it.
                                                                                8 M

   b) Write a short note on JavaScript objects?   8 M

4. a) Explain with an example, how can you check an XML document is both valid and well formed document?   8 M

   b) What is Java Bean ? Discuss the features of JAVA Beans.   8 M

5. a) What is JDBC? Describe the steps need to execute a SQL query using JDBC.   8 M

   b) What is a Servlet? What are the advantages of Servlets over CGI based application?   8 M

6. a) Explain in detail about handling HTTPRequest and HTTPResponse with examples.   8 M

   b) Explain about JSP application design with MVC architecture.   8 M