B.TECH. DEGREE EXAMINATION, APRIL 2011

Seventh Semester

Branch : Computer Science and Engineering/IT

WEB TECHNOLOGIES (RT)

(Improvement/Supplementary)

Time : Three Hours   Maximum : 100 Marks

Part A

Answer all the questions.
Each question carries 4 marks.

1. Write the features of XML.
2. Explain JSP.
3. Write the principle of designing Java Beans.
4. Disucss the Attribute types.
5. Write a note on Serialized beans.
6. What are entity beans ?
7. Explain about the views of an XML document.
8. What are the types of beans ?
9. Write about bean info clauses.
10. Write the applications of XML.

(10 × 4 = 40 marks)

Part B

Answer all questions.
Each question carries 12 marks.

11. Explain the features of SGML. Explain how XML forms a subset of SGML.   (12 marks)

Or

12. (a) Discuss about Entity References.   (8 marks)

     (b) Write a brief note on CDATA section.   (4 marks)

13. Explain the principle of displaying XML data in HTML browser as HTML tables.   (12 marks)

Or

14. Write a brief note on :

     (a) Attribute defaults.

     (b) Attribute type declaration and element type declaration.

(6 + 6 = 12 marks)

Turn over

15. (a) Discuss the features of Java Beans.

                                                                    (6 marks)

    (b) Discuss about (i) bound and constrained properties of Java Beans ; (ii) creating properties of Java Beans.

                                                                    (3 + 3 = 6 marks)

Or

16. Explain about :

    (a) Creating and using Bean info clauses.
                                                                    (6 marks)
    (b) Customisation.
                                                                    (6 marks)

17. Explain the loops and execution handling in JSP with scriplets.

                                                                    (12 marks)

Or

18. Explain about :

    (a) Using Java Beans in JSP.
                                                                    (6 marks)
    (b) Reading properties of Java Beans.
                                                                    (6 marks)

19. Explain the steps involved in the development of Session Beans.
                                                                    (12 marks)

Or

20. Explain the features of Entity Beans in detail.
                                                                    (12 marks)

                                                                    [5 × 12 = 60 marks]