F181

B. Tech. EXAMINATION, 2020

(Sixth Semester)

(B Scheme)

(Main & Re-appear)

IT

IT302B

WEB TECHNOLOGIES

Time : 3 *Hours*]   [*Maximum Marks :* 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

Unit I

1. (a) Elaborate the working mechanism of Web Browser. List and explain any *five* MIME types.   **9**

(b) Illustrate the steps for embedding an image into an HTML document.   **3**

(c) Describe the working mechanism of Internet.   **3**

2. Write short notes on the following :   **15**

(a) Plug-ins

(b) Anatomy of an HTML document

(c) XHTML.

Unit II

3. (a) Describe the concept of external linked style specifications using CSS. **8**

   (b) Illustrate how internal style specifications can be carried out within HTML. **7**

4. (a) Elaborate the event handling mechanism of JavaScript. **8**

   (b) What are Cookies ? Also write the applications of cookies. **7**

Unit III

5. What do you understand by Server Side Programming ? Also explain, how servers can be configured to support CGI ? **15**

6. (a) Describe the form processing mechanism of PERL. **7**

   (b) Write a detailed note on ASP. **8**

Unit IV

7. What is the utility of Microsoft .NET ? Also elaborate how is it different from other competing technologies ? **15**

8. (a) Compare and contrast applets and servlets. Also write, how multimedia can be delivered over web pages ? **7**

   (b) What do you understand by VRML ? Explain. **8**