

24468

B. Tech. 7th Semester (I.T.) F. Scheme Examination,

December-2017

WEB ENGINEERING

Paper-IT-407-F

Time allowed : 3 hours]

[Maximum marks : 100

**Note :** *Question No. 1 is compulsory. Attempt five questions in total selecting one question from each section.*

- |    |     |   |      |
|----|-----|---|------|
| 1. | (a) | Write a short note on IIS.                      | 10×2 |
|    | (b) | Explain TELNET.                                 |      |
|    | (c) | Define <BR> tag.                                |      |
|    | (d) | Define HTML headings.                           |      |
|    | (e) | How we can use comments in HTML documents.      |      |
|    | (f) | How we can incorporate horizontal rule in HTML. |      |
|    | (g) | What is an image map.                           |      |
|    | (h) | What are JSP directives.                        |      |
|    | (i) | Define XML namespace.                           |      |
|    | (j) | What is XML schema.                             |      |

**Section-A**

2. (a) What are the different steps in organizing information ? 10

24468-P-3-Q-9(17)

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( 2 )

24468

- (b) What are the different types of navigation systems? Write a detailed note. 10
3. (a) What do you mean by searching system ? Describe the process of searching the information from various web sites. 12
- (b) What are different integrated navigation elements. 8

#### Section-B

4. What do you mean by cascading style sheets ? What are the different techniques to embedding CSS into HTML pages ? Explain with example. Also explain the advantages and disadvantages of CSS. 20

5. (a) Explain the structure of HTML document in detail. 10

- (b) How you understand about forms output ? How you use forms action attribute and submit button in HTML ? 10

#### Section-C

6. Differentiate between static and dynamic web pages. How does JSP help creating dynamic web pages ? Explain the JSP request and response object using suitable examples. 20

24468

( 3 )

24468

7. (a) Write a short note on JSP objects and components. 10
- (b) Describe cookies ? Explain the process of creating and reading cookies. 10

#### Section-D

8. (a) Write a note on the features of XML. 10
- (b) What is XML elements and attributes. 10
9. Explain the following terms : 10×2

- (i) Displaying XML using CSS and XSL
- (ii) Embedding XML into HTML for display.

24468