

**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

( 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.