Roll No. ⬜⬜⬜⬜⬜⬜ **H**

TCS–602/TIT–602

B. Tech. (CSE/IT) (Sixth Semester)
Mid Semester EXAMINATION, 2017
WEB TECHNOLOGY

Time : 1:30 Hours]   [*Maximum Marks : 50*

Note : (i) This question paper contains two Sections.

(ii) Both Sections are compulsory.

Section—A

1. Fill in the blanks/True-False :   (1×5=5 Marks)

(a) _____ attribute specifies a regular expression to check the input value against.

(b) _____ attribute specifies that an input field is mandatory (must be filled out).

(c) Maxlength specifies the maximum number of character for an input field.   (True/False)

(d) * { colour : red; } is a example of universal css selector.   (True/False)

(e) Apache Tomcat & IIS are web server software.   (True/False)

A-34   P. T. O.

2. Attempt any *five* parts :   (3×5=15 Marks)

(a) Specify the tag and attributes used to create a textbox which can accept maximum of 20 characters with a default hint text "Enter Name".

(b) List the any *three* features of HTML5.

(c) Differentiate between <Frameset> & <Iframe> tag.

(d) What is a CSS class selector and how does it differ from a LSS ID selector ?

(e) Describe <embd> & <datalist> tag.

(f) Write a CSS code to show all hyperlinks with the following specification :

- Default colour is pink.

- Active colour is blue.

- Visited colour is green.

- Hyperlink should be without underline.

Section—B

3. Attempt any *two* parts of choice from (a), (b) and (c).   (5×2=10 Marks)

(a) What is Image Mapping ? Explain it by creating suitable web page.

(b) What are the possible ways to apply CSS styles to a web page ?

(c) Create a web page to demonstrate Animation and opacity style properties of CSS.

4. Attempt any *two* parts of choice from (a), (b) and (c).   (5×2=10 Marks)

(a) Write a Cascading style sheet (CSS) code to generate the newspaper effect given in the following snapshot :

| The quick brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog. The quick | brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog. The quick brown fox jumps over a brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog The quick | brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog. The quick brown fox jumps over a brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog. The quick brown fox jumps over a right lazy dog |

(b) Define the following :

(i) Web Server

(ii) WWW

(c) Differentiate between GET and POST methods of form submitting.

5. Attempt any *two* parts of choice from (a), (b) and (c).   (5×2=10 Marks)

(a) Explain the following with example :

(i) Autocomplete attribute

(ii) Placeholder attribute

(b) Explain the CSS BOX Model and each of their components with suitable example.

(c) Describe the following HTML Tag's with suitable example :

    (i) <DIV>

    (ii) <SPAN>