

H

Roll No.

TCS-401

**B. TECH. (CS/IT) (FOURTH
SEMESTER)**

MID SEMESTER EXAMINATION, 2018

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) _____ style property is used to control the transparency of an element.
- (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)

(2)

TCS-401

- (e) _____ attribute used in <table> element sets the width, in pixels, between the edge of a cell.

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

- Specify the tag and attributes used to create a textbox which can accept maximum of 20 characters with a default hint text "Enter Name".
- What are some of the common lists that can be used when designing a page?
- Differentiate between Responsive Web and Mobile App.
- What is a CSS class selector and how does it differ from a CSS ID selector?
- How do you create links to sections within the same page?
- Write a CSS code to show all hyperlinks with the following specification :
 - Default colour is black
 - Active colour is blue
 - Visited colour is Green
 - Hyperlink should be without underline.

(3)

TCS-401

Section—B

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

- Explain the following :
 - Web Crawler (Search Engine)
 - Web Server
- List the specific features of HTML5.
- Explain the following with example :
 - Placeholder attribute
 - Pattern attribute

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

- What is Image Mapping ? Explain it by creating suitable web page.
- Write a HTML code to design the following :

Sr. No.	Course	Subject	Marks		Category		Practical/Theory
			Internal	External	Internal	External	
1	MBA	Management Accounting	30	70	–	✓	Theory
		Information Technology	30	70	–	✓	T and P
		Basics of Marketing	30	70	–	✓	Theory
		E-Commerce	50	–	✓	–	Theory

- List *three* different ways to integrate a CSS into a Web page.

- (b) Write a CSS code to generate the newspaper effect given in the following snapshot :

[illegible]

- (c) Write a code to illustrate Box shadow, Text shadow and Rounded corner styles using CSS3.