

TRIBHUVAN UNIVERSITY  
FACULTY OF MANAGEMENT

Office of the Dean  
April - May 2017

Full Marks: 40  
Time: 2 hrs.

**BIM / Third Semester / IT 215: Web Programming - I**

*Candidates are required to answer all the questions in their own words as far as practicable.*

**Group "A"**

**Brief Answer Questions:**

**[10 × 1 = 10]**

1. Define tags and elements.
2. What is the use of <PRE> tag?
3. How is id attribute specified?
4. What are the things that are considered while using images in a webpage?
5. Define padding.
6. What is the use of overflow property?
7. Write a CSS rule to use image as bullet points in a list.
8. Differentiate between fixed width design and liquid design.
9. What is the use of lastIndexOf() function?
10. What is the use of substring()?

**Group "B"**

**Exercise Problems:**

**[5 × 4 = 20]**

11. Write HTML code to create the following table (Make all required assumptions).

Subject		John Doe	Miriam Luther
Biology	Practical	A	A
	Theory	A+	A
Chemistry	Practical	B	C
	Theory	A	C+
Physics	Practical	A	A
	Theory	A-	A-

12. Write HTML and CSS code to generate the following layout. (use divs)


13. Write a JavaScript function that takes two strings as arguments and checks them for equality. If both the strings are equal then display the first string in uppercase else return "the two strings do not match".
14. Write code to display the following form:

Agent Name:

Address:

Agent Type: ☒ Individual ☐ Organization

Country:

Email:

☒ I, here by, declare that all the information provided are correct.

Submit

Reset

15. Write a program in JavaScript to add two prime numbers only.

### Group "C"

#### Comprehensive Answer Questions:

[2 × 5 = 10]

16. What do you mean by valid data? Why do we need validation? Explain the form validation with example.
17. Write short notes on types of selector (id, type, class) and Internal CSS.

