# 6<sup>th</sup> Semester Regular / Back Examination 2016-17
## INTERNET AND WEB TECHNOLOGY
### BRANCH(s): FASHION, FAT, IT, ITE
### Time: 3 Hours
### Max Marks: 70
### Q.CODE: Z123
### Answer Question No.1 which is compulsory and any five from the rest.
### The figures in the right hand margin indicate marks.

**Q1**      **Answer the following questions:**                                **(2 x 10)**
- **a)** What are the different parts of a URL?
- **b)** How a web page is linked to another web page?
- **c)** What are the different ways to specify colors in HTML?
- **d)** How to make text bold, italics and underlined?
- **e)** Differentiate between null and undefined in JavaScript.
- **f)** Write CSS code for making all <hl> elements red color.
- **g)** div {width:320px; padding; 10px; border; 5px solid gray; margin:0;} what is the actual width of the div?
- **h)** What are the various dialog boxes provided by JavaScript?
- **i)** Give JavaScript example to change the content of a paragraph.
- **j)** Explain "id" and "class" selector.

**Q2**  **a)** What is DNS ad how it works?                                      **(2)**
        **b)** How HTML differs from a traditional programming language? Point out any 5 differences.    **(8)**

Write the HTML code to design the following List.

       Coffee
           - black hot drink
       Milk
           - white cold drink
           - Hot milk
       Tea
           - Cold drink
           - Green Tea
           -

**Q3**  **a)**  Write an HTML code to create a Web Page having FRAMES that divide the viewing area into two equal rows, the top row containing three hyperlinks, whose link pages open, *in a NEW WINDOW, in the FRAME below and in the SAME WINDOW respectively.*  **(5)**

**b)**  Write an HTML code to create a FORM that contains the following fields *Username, Password, List of 3 Subjects in drop down box, set of 4 Radio Buttons representing choice of Exam Center and File Upload field.*  **(5)**

**Q4**  **a)**  Write the HTML code to design the table.  **(5)**

| Regd.No | IWT | | | Total Marks |
|---------|------|------|------|-----------------|
|         | CT-1 | CT-2 | CT-3 | (CT-1+CT-2+CT-3) |
| 01      | -    | -    |      | -               |
| 02      |      |      |      |                 |

The space between cells should be 5px and content of the cell should be 2px from cell border.

**b)**  Design a page containing a paragraph and an image, at the bottom create *text field/button* pairs for ALIGNMENT, HEIGHT, and WIDTH, which will change the *paragraph alignment*, *image height*, and *width* when a value is given in the text field and the button is clicked.  **(5)**

**Q5**  **a)**  **(5)**

| Header | |
|--------|--|
| Navigation Links | Page Content |
| © Footer of the Page | |

Design the above structure using DIV and CSS

**b)**  Write a program in JavaScript to create a form having text box and submit button. Write your name in small letter in the text box and when you will click button it will convert the name to upper case.  **(5)**

**Q6**  **a)**  Explain the life cycle of an applet.  **(5)**

**b)**  Write down the various data types present in Perl and give examples of each of them.  **(5)**

**Q7**  What are the various objects defined in JS DOM? How can you create a user-defined object in JS? How can you assign methods and properties to the object and access them?  **(10)**

**Q8**  **Write short answer on any TWO:**  **(5 x 2)**

**a)**  Relative and absolute paths

**b)**  Structure of HTML page

**c)**  Type Conversion in JavaScript.

**d)**  Use of <label> tag