



SPRING MID SEMESTER EXAMINATION-2020
Introduction to Web Technology
[IT-3042]

Full Marks:20

Time:1 hr 30 min

Answer any four questions including question No.1 which is compulsory.

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable and all parts of a question should be answered at one place only.

1. [5 x 1=5]
 - (a) Explain the following tags with example. <select> , , <textarea>, <frameset>.
 - (b) Write output/errors if any.

```
class A {  
    int x;  
    char y;  
    boolean z;  
    public static void main(String t[]){  
        A a=new A();  
        System.out.println(b.x);  
        System.out.println(b.y);  
        System.out.println(b.z);  
    }  
}
```
 - (c) Write syntax to display an image in background of html page.
 - (d) Explain the use of access specifiers.
 - (e) Explain the utility of static modifier in java?
2. [2 x 2.5]
 - (a) Explain the use of final keyword with suitable example.
 - (b) Explain super key importance in inheritance with example?
3. [2 x 2.5]
 - (a) Write a program in java to check whether a number is prime or not.
 - (b) By which mechanism, a call to an overridden method is resolved at run time, rather than compile time. Explain with an example.
4. [2 x 2.5]
 - (a) Create a html form using the following fields-

Name	-textbox
Address	-textarea
Password	-password
DateOfBirth	-option (separate option for Date, month and year)
Gender	-radio button (form male and female)
Hobbies	-checkbox (minimum three hobbies)
City	-textbox
State	-textbox , Submit Button -button
Clear Button	-button

(b) Design a web page for an institute with two frames. The left frame should contain two links to different courses offered by the institute. On clicking any of these links, the corresponding detail page should be displayed in the right frame. Design all the required pages in HTML.

5.

[2 x 2.5]

(a) Write a program in html to design the following table using row span and col-span minimum 2 rows data?

Roll No	Name	Subject's Wise Marks		Average	SGPA	Semester
		Sub - 1				
		Sub - 2				
		Sub - 3				
		Sub - 4				

(b) What is a style sheet? Write the code for a simple web page which will implements the internal style sheet in Which (body background color should be pink, font face will be comic sans MS, paragraph color should be green, H1 color should be red and font font-size:28pt.