



National Institute of Technology, Tiruchirappalli – 15  
Department of Computer Science & Engineering

Cycle Test – I

CSPE61 – Web Technology and its Applications ( Program Elective )

Class / Semester : III CSE / VI      Time : 11.30 AM to 12.30 PM  
Date : 14.02.2025      Marks : 20

Answer all questions

1. Design a web page that consists of the following nested list using HTML. (5)  
(CO1)

- 1. Tea
  - Black Tea
  - Green Tea
  - Ginger Tea
- 2. Coffee
  - A. Black Coffee
  - B. Cold Coffee
  - C. Filter Coffee
- 3. Milk
  - Rose Milk
  - Badam Milk
  - Butter Milk

2. Convert the following XML document into an XHTML table using XSLT. (8)

(CO1)

<? Xml version = "1.0" ?>

<Employee\_Dbase>

<Employee Eid="E101">

<Name> Ram </Name>

<Department> Accounts </Department>

<Experience> 7 years </Experience>

<Salary> Rs.42,000 </Salary>

</Employee>

```

<Employee Eid="E102">
    <Name> Robert </Name>
    <Department> Audit </Department>
    <Experience> 9 years </Experience>
    <Salary> Rs. 73,500 </Salary>
</Employee>

<Employee Eid="E103">
    <Name> Deepak </Name>
    <Department> Marketing </Department>
    <Experience> 5.5 years </Experience>
    <Salary> Rs. 35,500 </Salary>
</Employee>

</Employee_Dbase>

```

3. Apply the following styles to a webpage using External CSS.

(7)  
(CO1)

- a. Load an image as background to the webpage that is fixed and center aligned.
- b. Set the color of the Hyper link as Green.
- c. Change the color of the visited link to Blue and mark as Underlined.
- d. Set the background color of the scrolling text as Red and scrolling text color as White.
- e. Set the color of the heading level 2 as Yellow and set the font-size of paragraph text as 30 pt.
- f. Set the border style as Inset, color as Red and type as Thick and apply it for <div> element.
- g. Set the color as Black and set the font-size as 25 pt for emphasized text.