B.Tech.(IT) (Sem.–6)
WEB TECHNOLOGIES
Subject Code : BTIT-603
M.Code : 71173
Date of Examination : 09-07-22

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTION TO CANDIDATES :
1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

1. **Answer briefly :**

    a) What is Domain Name Space?

    b) How HTML code is included in a PHP page?

    c) What is POJO in ASP.Net?

    d) Differentiate between forms and frames in HTML.

    e) Explain Internet addressing briefly.

    f) List any two situations when to use server-side script and to use client-side script.

    g) What is an object? How object is created in Java Script.

    h) What is the difference between AJAX and Javascript.

    i) What are Style sheets?

    j) What are Java Servlets?

SECTION-B

2. Explain in detail about HTTP Request and Response.

3. Explain the Structure of HTML Program with the help of an example.

4. Describe various tools for website creation.

5. What are the differences between public, private, protected, static, transient, final and volatile in PHP?

6. Describe the ASP.Net framework with a suitable diagram.

SECTION-C

7. Create HTML Page for following features:

   • Create an ordered list

   • Use various bullet styles

   • Created nested lists

   • Use the font tag in conjunction with lists

   • Create definition lists use graphics as bullets.

8. Discuss the DOM (Document Object Model) in Java Script and also, discuss the role of Event handling with proper example.

9. a) How can we get the properties (size, type, width, height) of an image using PHP image functions?

   b) What are the different types of errors in PHP?

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.