PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

PG DEGREE EXAMINATION DECEMBER 2023
(Third Semester)

TRANS DISCIPLINARY COURSE
(Common to PG Programmes)

WEB DESIGN USING HTML & JAVA SCRIPT

Time: Three Hours   Maximum: 50 Marks

SECTION-A (5 Marks)
Answer ALL questions
ALL questions carry EQUAL marks   (5 x 1 = 5)

1   The Default port number used by HTTP is_____
    (i)   89   (ii) 21
    (iii) 80   (iv) 23

2   <a> and are the tags used for_____
    (i)   adding image   (ii) adding links to webpage
    (iii) aligning text   (iv) adding voice

3   What is the use of iframe in HTML?
    (i)   to display a webpage within a web page
    (ii) to display a webpage with animation effect
    (iii) To display a webpage without browser
    (iv) All the above

4   What is the output of the following?
    <script>
            var a = 10 + 20 + "5";
    document.getElementById("demo").innerHTML = a;
    </script>
    (i)   35   (ii) 305
    (iii) valueerror   (iv) type error

5   In Javascript, DOM stands for?
    (i)   Document Oriented Model   (ii) Document Object Method
    (iii) Document Object Model   (iv) Document Optimized Model

SECTION - B (15 Marks)
Answer ALL Questions
ALL Questions Carry EQUAL Marks   (5 x 3 = 15)

6   a   Explain the Client Server model.
                        OR
    b   Analyze the significance of various email protocols and its functions.

7   a   Explain about ordered & unordered list.
                        OR
    b   Illustrate Table tag with its attributes.

8   a   Explain frameset with suitable example.
                        OR
    b   Develop a code in html to get your personal information using forms.

9   a   Explain the various datatypes used in JavaScript.
                        OR
    b   Discuss the advantages and disadvantages of embedding the JavaScript.

10 a How to create date object in JavaScript? Explain any four methods of JavaScript date object.

OR

b Explain alert(), confirm() and prompt() method of window object.

SECTION -C (30 Marks)
Answer ALL questions
ALL questions carry EQUAL Marks   (5 x 6 = 30)

11 a Interpret the various layers along with its protocols.

OR

b Enumerate the steps to retrieve a webpage from a server by a client.
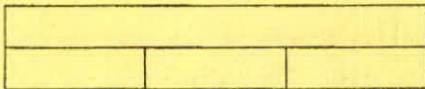
12 a Consider the following while writing the HTML code
   • Background of page is green
   • Title of the page is "gaming"
   • Text of whole document is Times new roman
   • Heading of the page is maroon and arial bold
   • Image used is "image1.jpg"
   • border of table is red and of size 2
   • background colour of table is white
   • Image used in the table is "war.jpg" and "call.jpg"
   • Horizontal line colour is red
   • Bottom link is "game.html"

OR

b Illustrate with suitable example about the use of table data and table header attributes.

13 a Develop the HTML code to create the frames given below.

OR

b Create a HTML forms to get the username as input, if entered display the response as "Welcome username" after submitting if not entered anything give a response as should not leave as blank.

14 a Develop a JavaScript to create forms and to validate any five html form objects for Online user registration process.

OR

b Elucidate the various datatypes and operators in JavaScript.

15 a Create a form for student information. Write a JavaScript code to find total, average, result and grade.

OR

b Analyze any six array objects in Javascript.

Z-Z-Z   END