END TERM EXAMINATION

FIRST SEMESTER (BCA) DECEMBER-2024

Paper Code: BCA-105T   Subject: Web Technologies
Time: 3 Hours   Maximum Marks: 60

Note: Attempt all questions as directed. Internal choice is indicted.

(4x5=20)

Q1   Attempt **any four** of the following questions:
(a)   Define Anchor tag with an example.
(b)   Define Ordered list with an example
(c)   Give an example of a basic grid structure in Bootstrap
(d)   What are Class loaders in Bootstrap?
(e)   What is JavaScript? Write the advantages of JavaScript.
(f)   Define Event. How events are handled in JavaScript.
(g)   Explain about the purpose of DTD
(h)   Distinguish between DTD and XSD.

Q2 (a)   Explain the structure of the HTML webpage with an example.   (5)
(b)   Define List Tag with an example   (5)

OR

Q3 (a)   Define Frameset, Frame Tag. Divide the web page into four equal parts each individual part displays different web page.   (5)
(b)   Explain the difference between frames and i-frame? What are the benefits of using frame in web pages?   (5)

Q4 (a)   Design a HTML form for a student registration with fields like name, age, father's name, address, Contact number, course applied for etc. The form should have two buttons for submission and to reset the value. Also Set the background colour of the form and set its front size 14 Times New Roman   (5)
(b)   Define Form tag. Design a Registration page by using all Form controls.   (5)

OR

Q5 (a)   Define Table tag and their attributes with an example.   (5)
(b)   Explain about Cascading Style Sheets with an example. List the types of Style sheets.   (5)

Q6 (a)   How arrays are declared in java. Explain the methods for creating an array in java script. Also write any five methods of array object in detail with example   (5)
(b)   Discuss the different Built – in objects in java Script by giving a suitable example of each.   (5)

P.T.O.

Q7 (a) **OR**
Create an HTML website for entering Pizza Order with customer information and validate some controls using Java Script and also suit CSS.   (5)

(b) Explain various operators and data types available in java script with examples.   (5)

Q8 (a) Explain the procedure for validating the XML Documents.   (5)

(b) Compare HTML and XML.   (5)

OR

Q9 (a) Define XHTML. What are the differences between XHTML and HTML with an example?   (5)

(b) Explain Web Publishing in details. What is its need? Also tell about any Web Publishing Tool?   (5)

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