

Slip No. : 1

Exam Seat No.: _____

THE MAHARAJA SAYAJIRAO UNIVERSITY OF BARODA

F.S. OF BE-III (CSE)

Examination Day: Wednesday Date: 29-12-2023

Time: 03:00 PM to 6:00 PM

Subject: Basics of Web Programming (CSE1501)

Maximum Marks: 80

Note:

- I. Write answer of each section in separate answer books.
- II. This paper contains two sections of 40 marks each.

SECTION-I

- 1030
85
- Q1 (A) Write HTML and Bootstrap code to design MSUIS page for student registration. The required inputs: First name, father name/Spouse name, Surname, Gender, Date of Birth, mobile no, email id, password, confirm password. [7]
- Q1 (B) List various HTML5 multimedia elements. Design a snowman using HTML5 graphics element. [7]
- OR**
- Q1 (B) Which method is used for storing and retrieval of data from web server? Explain any two methods. [7]
- Q1 (C) What is CSS? Explain CSS Background property with example [6]
- OR**
- Q1 (C) Explain static web page, Dynamic web page and active web page with example [6]
- Q2 (A) What is Pagination? Explain different way to provide pagination with example. [7]
- Q2 (B) Develop an XML document that will hold a CSE department details which contain student info. with fields for student name, PRN, semester, branch and mobile no. Write suitable xml-schema for the XML. [7]
- OR**
- Q2 (B) Develop an XML document that will hold a student grade information details which contain student name, PRN, Semester, branch and marks of different subject (at least marks of 6 subject). Write XSLT file to display the XML document in tabular format. [7]
- Q2 (C) Explain digital certificate in detail. [6]
- OR**
- Q2 (C) List different type of attack. Explain any two attacks in detail. [6]

P.T.O.

Slip No. : 2

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SECTION-II

Q3(A) List various datatype available in JavaScript. How we can use date and function in JSON? Explain with example. [7]

Q3 (B) Write an HTML and JavaScript program which accepts N as input and find a factorial of N no. [7]

OR

Q3 (B) Write down HTML and java script code to generate seat no of student (Seat no only contains digits, max length is 6 and based on semester it digit should be start like if semester is 3 then seat no is 387001 and if semester is 7 then seat no is 712001). [7]

Q3 (C) Write a jQuery that handles following events. [6]
(i) If the key is press, change background color to "red" and if the key is released than change it to "black"
(ii) If button is click then, the message should be displayed that "Button is pressed"

OR

Q3 (C) Explain sliding effects in jQuery with example. [6]

Q4 (A) Write AJAX program in which client will send number to server side and server will send message that whether no is palindrome or no as response on the client side (Node.js will be used on server side) [7]

Q4 (B) Write AJAX program which request .json file from the server. On server side write Node.js file which return requested file from the server. [7]

OR

Q4 (B) What is middleware? Explain any two middleware in detail. [7]

Q4 (C) Explain JSON.parse() and JSON.stringify() method using example [6]

OR

Q4 (C) What is difference between element and attribute in XML. Explain it with example. [6]
