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IT, Sem 5

SVKM'S NMIMS

MUKESH PATEL SCHOOL OF TECHNOLOGY MANAGEMENT& ENGINEERING/

SCHOOL OF TECHNOLOGY MANAGEMENT

Academic Year: 2023-2024

Program/s: B.Tech IT/MBA.Tech (IT)/B.Tech Cyber Sec/B.Tech AI &DS/B.Tech AI & ML /MBA.Tech AI/B.TECH_AI__

Year: _II/III Year Semester: III/V sem _____

Stream/s ;IT/AI &DS/ AI & ML/AI/_____

Subject: Web Programming_____

Time:3 hrs (10:00 AMto 1:00 PM)

Date:___06 / 12 / 2023

No. of Pages:__3___

Marks: __100_____

Final Examination/

Instructions: Candidates should read carefully the instructions printed on the question paper and on the cover of the Answer Book, which is provided for their use.

1) Copy your code, number the questions appropriately, then paste the results after each code in a Doc file.
2) Also place each of your code file in a folder. The Folder name should Name_RollN0_SAPID.
3) The folder should contain all code files and Doc file
4) Answer to each new question to be started on a fresh page.
5) All Questions are compulsory.

<table>
<tr><td>Q1
CO: 1 &2
SO:2
BL:1&3</td><td colspan="2">Create a Website which will be hosted by the "Election commission of India " using HTML, JavaScript and CSS for the citizens of country. The purpose of the website is to provide information and services to the people.
The website should have total minimum of 4 pages as</td></tr>
<tr><td>A</td><td>Home page – Contains the links to the internal pages.
"Mention the Importance of the Election and Indian rights of voters using basic HTML tags".
• Body background yellow in colour .(3M)
• Heading 1 at the centre of the page with "Times New Roman". (3M)
• Paragraph font with 'Courier New' with font size 12px. (3M)
• Font text colour should be Dark Blue color with center align (3M)
• Population Growth of India is PG= $Aa^{2n(m)} + \log c\, b^{m} = \log n\, c^{2(x+n)}$ using superscripted tags. (3M)</td><td>15 M</td></tr>
<tr><td>B</td><td>Internal page 1:
• It shows the average constituency size, determined by the 1971 census, in his/her state or union territory. The number of votes for MLAs tables are as follows. The last row shows the columns span. (6M).
<table>
<tr><th>Name of the State/Union Territory</th><th>Number of State Legislative Assembly seats (elective)</th><th>Population (1971 census)</th><th>Value of the vote of each MLA</th><th>Total value of votes for the State/Union Territory</th></tr>
</table></td><td>15 M</td></tr>
</table>

Andhra Pradesh	175	2,78,00,586	159	27825
Arunachal Pradesh	60	467511	8	480
Assam	126	14625152	116	14616
Bihar	243	42126236	173	42039
Delhi	70	4065698	58	4060
Total	60 thousand lakhs vots			

- place voter logo Image at the left corner of the current Page with height and width size of 100px . (3M)
- Display the presidential electoral college is made up of the following ordered list with upper case roman numbers. (6M)

I. elected members of the Rajya Sabha (upper house of the Parliament of India).
II. elected members of the Lok Sabha (lower house of the Parliament of India).
III. elected members of each state's Legislative Assembly (lower house of the state legislature).

C

Internal Page 2:

Display the following content with Box Model using division with following attributes.(10M). — 20M

Width is 300px; border is 15px solid red; padding is 50px; margin is 20px;

POSTAL BALLOT FACILITY: INCLUSIVE ELECTIONS

22-Kalimpong, situated at a height of more than 1,200 metres above sea level in the eastern Himalayas is the only Assembly Constituency of the smallest District of Darjeeling, West Bengal.

Where there is a will, there is a way – and when voters cannot physically reach the Polling Station, the Polling Station will reach out to them! From enrollment to election, the Election Commission of India leaves no stone unturned in ensuring that no voter is left behind. It is in the pursuit of this endeavour that the facility of Postal Ballot was extended to PwD electors, senior citizens above the age of 80 years, officers on essential election duty as notified by the Commission and COVID-19 positive patients.

- In above example, use internal css for font size, font colour and font type .(5M)
- Create a link for Click on Page 3 using internal css with four states are(5M)

✓ a normal, unvisited link
✓ a link the user has visited
✓ a link when the user mouses over it
✓ a link the moment it is clicked

D

Internal Page 3-

✓ Create a form for user input from the citizens where citizens can ask queries. — 20M

	A person can fill this form only if he is 18 years or above using JavaScript. Fields of the form should be • Name : [only characters and should not be blank] (3M) • State : [only 15 character and should not be blank] (3M) • Pin number [only 6 digit long] (3M) • Age :[only 2 digit long and it should be more than 18 years] (3M) • Password : [between 8 to 12 character and should not be blank) (3M) • Submit button On click of submit button system should generate error messages if the input is not in correct format. ✓ Use Document Object Model and generate new UserName using slice() function on **Name and State** Textbox and display on page. (5M) Or ✓ Use Document Object Model and generate new UserName using substring function on **Name and State** Textbox and display on page. (5M)	

Q2 CO: 1 and 3 SO:2 BL:1,2 &3	**NodeJs ,Mysql and AngularJs**	
A	Create a text file having content related to Indian election commission initiatives and display content on browser and console with Node js.	**10 M**
B	Create a databse mydb using MySQL and node js. CREATE TABLE Indian_Railways (id INT AUTO_INCREMENT PRIMARY KEY, name VARCHAR(255), city VARCHAR(255)). Insert 1 data entry in the table and display the data entered on console window.	**10 M**
C	Write a program in AngularJs to accept First Name and Last Name and display it on web Page.	**10 M**