Winter 19

- Describe regular expression. Explain search () method used in regular expression with suitable example.(4M)
- Explain text rollover with suitable example.(4m)
- Write a Java script that displays textboxes for accepting name & email ID & a submit button. Write Java script code such that when the user clicks on submit button (1)Name Validation (2) Email ID validation (6marks)
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(b) Write a script for creating following frame structure

FRAME 1	
FRAME 2	FRAME 3
• FRUITS	
• FLOWERS	
• CITIES	

FRUITS, FLOWERS and CITIES are links to the webpage fruits.html, flowers.html, cities.html respectively. When these links are clicked corresponding data appears in FRAME 3.

(6marks)

Summer-2022

1. Explain frame works of javascript and its application.(2marks)
2. Write a javascript program to validate user accounts for multiple set of user ID and password (using swith case statement).(4m)
3. State what is regular expression. Explain its meaning with the help of a suitable example. (4m)
4. Write a javascript program to validate email ID of the user using regular expression.(4m)
5. Write a javascript program to design HTML page with books information in tabular format, use rollovers to display the discount information.(4m)
6. Write a javascript to checks whether a passed string is palindrome or not.(6m)
7. Write a javascript to open a new window and the new window is having two frames. One frame containing buthon as "click here !", and after clicking this button an image should open in the second frame of that child window.(6m)

Winter 22

(b) Write a JavaScript function to check the first character of a string is uppercase or not.

Describe Quantifier with suitable example (4m)

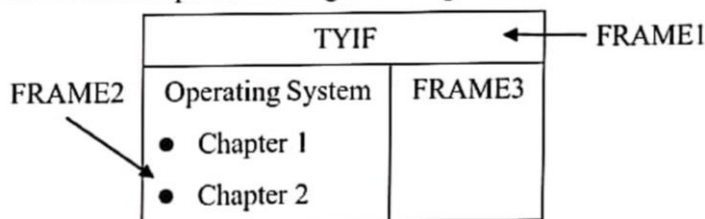(a) Describe text Rollover with the help of example.

(a) Write HTML script that will display following structure

Name	[ ]
Email	[ ]
Pin Code	[ ]
	Submit

Write the JavaScript code for below operations :

(1) Name, Email & Pin Code should not be blank.

(2) Pin Code must contain 6 digits & it should not be accept any characters.

(c) Write a JavaScript for creating following frame structure :

Chapter 1 & Chapter 2 are linked to the webpage Ch1 HTML & Ch2.html respectively. When user click on these links corresponding data appears in FRAME3.

Summer 2023

- Explain test() and exec() method of Regular Expression object with example.(4m)
- Explain text and image rollover with suitable example.(4m)
- Write HTML code to design a form that displays textboxes for accepting UserID and Aadhar No. and a SUBMIT button. UserID should contain 10 alphanumeric characters and must start with Capital Letter. Aadhar No. should contain 12 digits in the format nnnn nnnn nnnn. Write JavaScript code to validate the UserID and Aadhar No. when the user clicks on SUBMIT button.(6m)
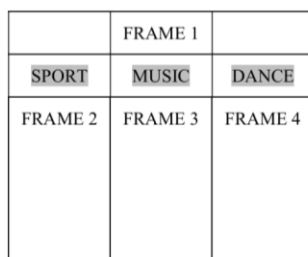-
  (b) Write a script for creating following frame structure :

  Frame 1 contains three buttons SPORT, MUSIC and DANCE that will perform following action :

  When user clicks SPORT button, sport.html webpage will appear in Frame 2.
  When user clicks MUSIC button, music.html webpage will appear in Frame 3.
  When user clicks DANCE button, dance.html webpage will appear in Frame 4.

- (6m)

Winter 2023

- Write a JavaScript that accepts a string and searches for the pattern "MSBTE" in the given string using regular expressions. If the pattern is found, JavaScript will display that "Pattern is found" else display "Pattern is not found".(4m)

(c) Write an HTML script that displays names of different brands of Laptop and an image by default as :

• Lenovo • HP • DELL	Image

When the mouse moves over the specific brand name the script must display the image of respective Laptop in the adjacent box.

(b) Form regular expressions for following :

(i) Validation of email address.

(ii) Validation of adhaar card. Format is

dddd – dddd – dddd

(iii) Validation of phone number. Format is

(ddd) – (ddddddd)

(c) (i) Design frameset tag for representing following layout :

Frame 1		
Frame 2	Frame 4	Frame 3

(ii) List any three properties of regular expression objects and state their use.

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Summer 2024

b) Write a JavaScript function that checks whether a passed string is palindrome or not.

2 a) State what is frame? Explain how it can be created with suitable example.

2 d) Write a JavaScript function to check whether a given address is a valid IP address or not.

c) Write a JavaScript to create rollover effect that involves text and images. When the user places his or her mouse pointer over a book title, the corresponding book image appears.

6