



22519

12223

3 Hours / 70 Marks

Seat No.

--	--	--	--	--	--	--	--

- Instructions :**
- (1) All Questions are *compulsory*.
 - (2) Illustrate your answers with neat sketches wherever necessary.
 - (3) Figures to the right indicate full marks.
 - (4) Assume suitable data, if necessary.
 - (5) Preferably, write the answers in sequential order.

Marks

1. Attempt any FIVE of the following :

10

- (a) State the use of method in JavaScript with the help of suitable example.
- (b) List & explain datatypes in JavaScript
- (c) Write a simple calculator program using switch case in JavaScript.
- (d) Write a program using sort method of array object.
- (e) Describe property Getters & Setter.
- (f) Enlist & explain the use of any two Intrinsic JavaScript functions.
- (g) Describe browser location object.

2. Attempt any THREE of the following :

12

- (a) Write a JavaScript program that will display current date in DD/MM/YYYY format.
- (b) Write a JavaScript program that will remove the duplicate element from an array.



- (c) Write a JavaScript program that will display list of student in ascending order according to the marks & calculate the average performance of the class.

Student Name	Marks
Amit	70
Sumit	78
Abhishek	71

- (d) Write and explain a string functions for converting string to number and number to string.

3. Attempt any THREE of the following :

12

- (a) Differentiate between `concat()` & `join()` methods of array object.
- (b) Write a JavaScript function to check the first character of a string is uppercase or not.
- (c) Write a JavaScript function to merge two array & removes all duplicate values.
- (d) Write a JavaScript function that will open new window when the user will clicks on the button.

4. Attempt any THREE of the following :

12

- (a) Describe text Rollover with the help of example.
- (b) Write a JavaScript program that will create pull-down menu with three options. Once the user will select the one of the options then user will redirected to that website.
- (c) Describe Quantifiers with the help of example.
- (d) Describe frameworks of JavaScript & its application.
- (e) Describe how to link banner advertisement to URL with example.

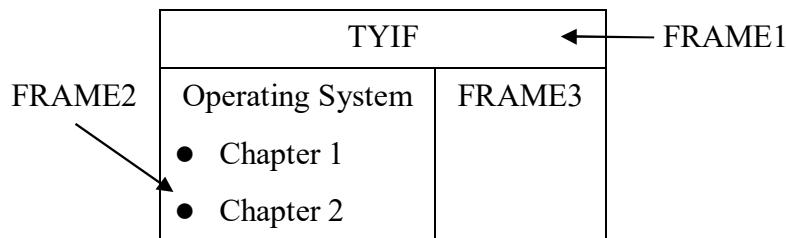
5. Attempt any TWO of the following :**12**

- (a) Write HTML script that will display following structure

Name	<input type="text"/>
Email	<input type="text"/>
Pin Code	<input type="text"/>
	<input type="button" value="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.
- (b) Write a webpage that displays a form that contains an input for username & password. User is prompted to entre the input & password & password becomes the value of the cookie. Write a JavaScript function for storing the cookie. It gets executed when the password changes.
- (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.

6. Attempt any TWO of the following :**12**

- (a) Write HTML script that will display dropdown list containing options such as Red, Green, Blue & Yellow. Write a JavaScript program such that when the user selects any options. It will change the background colour of webpage.
- (b) Develop a JavaScript program to create Rotating Banner Ads.
- (c) Write a JavaScript for the folding tree menu.

