

**GUJARAT TECHNOLOGICAL UNIVERSITY****BE - SEMESTER-V(NEW) EXAMINATION – SUMMER 2022****Subject Code:3151606****Date:04/06/2022****Subject Name:Web Development****Time:02:30 PM TO 05:00 PM****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

**MARKS**

- Q.1** (a) What is Meta Tag in HTML? Write HTML meta tags code to solve following. **03**
- 1) To make your webpage Responsive.
  - 2) Refresh document every 40seconds.
  - 3) Set an expiration date Stop the page from being listed.
- (b) Differentiate between Java Programming language and Java Scripting Language. **04**
- (c) Create an HTML form to submit student data for Admission. Upload pdf copy of mark sheet, passport size photo and address proof. **07**
- Q.2** (a) Write an HTML code to take birth date between 01-01-2020 to 31-12-2020. **03**
- (b) Write an HTML & CSS code to create Horizontal and Vertical Menu. **04**
- (c) What is CSS Box Model? Write CSS code to implement following output. **07**
- 1) Make an ordered list with red border, padding and font size 20.
  - 2) Use flower.jpg as Background and repeat it.
  - 3) Change background color of text box when focused.
  - 4) Create a fixed position link at bottom with scrolling page. Give name of the link “#top”.

**OR**

- (c) Create an HTML page to create following Table. Apply random color to each box using CSS. **07**

A		B				
C	D	E	F	G	H	J
K	M	N		I		
	L	P	O	I	H	

- Q.3** (a) What is DOM in Java Script? Write a Java Script code to display all <a> elements that have a name attribute. **03**
- (b) Demonstrate CSS Pseudo classes with example. **04**
- (c) What is HTTP? How do browser and server communicate using HTTP request and response? Explain with example. **07**

**OR**

- Q.3** (a) What is event handling in Java? Write a Java Script code to change the size of image if mouse cursor is over the image and reduce back to normal when cursor is out. **03**
- (b) Write a Java Script code to read data from JSON object and display it in a table. **04**
- (c) Write a Java Script code to display Fibonacci Series of given number. Number should be entered by user through text box. **07**
- Q.4** (a) List and explain different types of array in PHP with example. **03**
- (b) Demonstrate session handling in PHP with example. **04**
- (c) Create simple login page in PHP. Let user login with predefined username and password. Logout user automatically after 5mins of user login and redirect back to login page. **07**
- OR**
- Q.4** (a) Write a PHP using regular expression to identify
- 1) Data contains all numbers.
  - 2) Data must start with a character.
  - 3) Data must contain special character '@'.
- (b) Demonstrate GET, POST and REQUEST methods of PHP. **04**
- (c) Create a PHP file upload code with following criteria. **07**
- 1) File type should be .jpg, .gif and .png only.
  - 2) File should not be larger than 800KB.
  - 3) Check if uploaded file already exists.
  - 4) Change the name of uploaded file name by adding timestamp at end.
- Q.5** (a) Demonstrate the Exception Handling in PHP. **03**
- (b) Create a webpage that hides and show the image when clicked using jQuery. **04**
- (c) Write PHP code to perform CRUD operation using PHP. **07**
- OR**
- Q.5** (a) Write a PHP code to read data from JSON object and display in table form. **03**
- (b) Write code to create drop-down list using jQuery. **04**
- (c) Write a code to demonstrate prepared statement in PHP and MySql. **07**

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