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### APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

Seventh Semester B.Tech Degree (S, FE) Examination May 2023 (2019 Scheme)

## Course Code: CST463 **Course Name: WEB PROGRAMMING**

Max. Marks: 100 **Duration: 3 Hours** 

### **PART A** Answer all questions, each carries 3 marks. Marks 1 Define MIME? List any two features offered by MIME to e-mail services? (3) 2 What is the purpose of the attributes autoplay, src, controls when used with (3) audio tag? 3 Name 3 components of box model? (3) 4 List any 3 methods associated with javascript String object with their input (3) parameter and return type? 5 List six primitive data types used in PHP? (3) 6 Give 3 string functions used in PHP associated with removal of whitespaces? (3) How will they differ each other? 7 What is a cookie? Write the appropriate syntax for creating a cookie in PHP? (3) 8 Discuss the various steps for establishing PHP-MySQL connection with a MySQL (3) 9 List any 3 attributes that is required to define JSON schema? (3) 10 Differentiate between implicit and custom route model binding? (3) PART B Answer any one full question from each module, each carries 14 marks. Module I 11 a) How will you navigate between sections in the same web page? Illustrate with (4) appropriate example? b) Create a HTML form for registering to a jobsite which includes fields to enter (10)your name,address,e-mail,contact number, a date picker to include your date of birth, radio buttons to select you sex, check boxes to show your area of interest, a

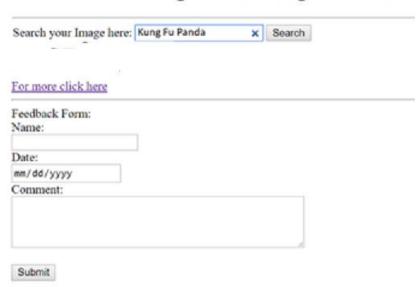
OR

selection list to input your experience with a submit and reset button. All fields

must be labelled appropriately?

12 a) Develop HTML code to create the following web page?

# Image Searching Website



b) Give the syntax to create hyperlinks in HTML? List any 3 target attributes and their purpose associated with hyperlinks? Also how will you identify an active link, visited link and unvisited link?

### Module II

13 a) Write CSS and the corresponding HTML code for the following:

(8)

(6)

(8)

- i. Set the background color for the hover and active link states to "green"
- ii. Set the list style for unordered lists to "square".
- iii. Set "Flower.png" as the background image of the page.
- iv. Set dashed border for left and right and double border for top & bottom of a table with 2 rows.
- b) Develop embedded JavaScript that displays the cube of the number with font (6) weight 400 and font-color green, entered through a prompt box?

#### OR

- 14 a) Using Javascript function validate an HTML form containing textboxes for entering username, password and a submit button. Validation should check the following criteria, if it's not satisfied an alert must be given.
  - Username must not be blank
  - Password must not be less than 6 characters
  - b) What is the significance of positioning? Differentiate between absolute (7) positioning and relative positioning with necessary example?

#### Module III

- 15 a) Which are the 3 types of arrays in PHP? Illustrate with necessary example?
  - b) Develop a PHP program to print the factorial of a number using a function that accepts number as input and returns the factorial?

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### OR

16	a)	Why	is regular expressions used in PHP? What are the 3 components of a	(6)
		regula	r expression? Name any two Pearl compatible functions used with regular	
		expressions?		
	b)	I.	Declare an associative array named "items" to store the key-value pairs ("Bread", 30), ("Butter", 30), ("Jam", 35), ("Cheese", 32).	(8)
		II.	Print the array using for each loop	
		III.	Sort the array according to values maintaining the key-value relationships and print the sorted key-value pairs.	
			Module IV	
17	a)	With 1 PHP?	necessary example give two methods to identify a user across multiple pages in	(8)
	b)	Assum a PHI corres	ne an HTML page exists with fields name, age named as t1 and t2.Develop P code to retrieve the values in textfields in your page. Also print the ponding name from t1 is minor if age is less than 18 else print ponding name from t1 is major(eg:-"Anu is minor")?	(6)
			OR	
18	a)	minin	op a PHP program that retrieves data from a student registration form with num 5 different fields and insert the data into a MYSQL table after ishing necessary connection with the database?	(10)
	b)	How	dynamic content is handled in PHP?	(4)
			Module V	
19	a)	Expla	in any 5 features of Laravel?	(10)
	b)	What	is the purpose of using stringify() and parse() in JSON?	(4)
			OR	
20	a)	Expla metho	in how Laravel performs route handling using routes calling controller ods?	(10)
	b)	List th	ne datatypes used in JSON?	(4)

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