

Reg No.: _____

Name: _____

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 <i>autoplay</i> , <i>src</i> , <i>controls</i> when used with audio tag? | (3) |
| 3 | Name 3 components of box model? | (3) |
| 4 | List any 3 methods associated with javascript String object with their input parameter and return type ? | (3) |
| 5 | List six primitive data types used in PHP? | (3) |
| 6 | Give 3 string functions used in PHP associated with removal of whitespaces? How will they differ each other? | (3) |
| 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 database? | (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**

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|----|--|------|
| 11 | a) How will you navigate between sections in the same web page? Illustrate with appropriate example? | (4) |
| | b) Create a HTML form for registering to a jobsite which includes fields to enter your name, address, e-mail, contact number, a date picker to include your date of birth, radio buttons to select your sex, check boxes to show your area of interest, a selection list to input your experience with a submit and reset button. All fields must be labelled appropriately? | (10) |

OR

- 12 a) Develop HTML code to create the following web page? (8)

Image Searching Website

Search your Image here:

[For more click here](#)

Feedback Form:

Name:

Date:

Comment:

- 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? (6)

Module II

- 13 a) Write CSS and the corresponding HTML code for the following: (8)
- Set the background color for the hover and active link states to "green"
 - Set the list style for unordered lists to "square".
 - Set "Flower.png" as the background image of the page .
 - 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 - weight 400 and font-color green, entered through a prompt box? (6)

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. (7)
- Username must not be blank
 - Password must not be less than 6 characters
- b) What is the significance of positioning? Differentiate between absolute positioning and relative positioning with necessary example? (7)

Module III

- 15 a) Which are the 3 types of arrays in PHP? Illustrate with necessary example? (6)
- b) Develop a PHP program to print the factorial of a number using a function that accepts number as input and returns the factorial? (8)

OR

- 16 a) Why is regular expressions used in PHP? What are the 3 components of a regular expression? Name any two Pearl compatible functions used with regular expressions? (6)

- b) (8)
- I. Declare an associative array named “items” to store the key-value pairs (“Bread”, 30), (“Butter”, 30), (“Jam”, 35), (“Cheese”, 32).
 - 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 necessary example give two methods to identify a user across multiple pages in PHP? (8)
- b) Assume an HTML page exists with fields name, age named as t1 and t2. Develop a PHP code to retrieve the values in textfields in your page. Also print the corresponding name from t1 is minor if age is less than 18 else print corresponding name from t1 is major(eg:-“Anu is minor”)? (6)

OR

- 18 a) Develop a PHP program that retrieves data from a student registration form with minimum 5 different fields and insert the data into a MYSQL table after establishing necessary connection with the database? (10)
- b) How dynamic content is handled in PHP? (4)

Module V

- 19 a) Explain any 5 features of Laravel? (10)
- b) What is the purpose of using stringify() and parse() in JSON? (4)

OR

- 20 a) Explain how Laravel performs route handling using routes calling controller methods? (10)
- b) List the datatypes used in JSON? (4)
