

Total number of printed pages-4

44 (4) BCA-SE-4034

2023

ADVANCED WEB TECHNOLOGY

Paper : BCA-SE-4034

Full Marks : 50

Time : Two hours

The figures in the margin indicate full marks for the questions.

1. Answer the following questions : $1 \times 10 = 10$

- (a) How to declare a variable in PHP?
- (b) Write down the syntax of for-each loop in PHP.
- (c) What does CRUD stand for?
- (d) Name *two* popular frameworks in PHP.
- (e) What is CMS?
- (f) What is the full form of AJAX and JSON?
- (g) What is Document Object Model (DOM)?

Contd.

(h) What is the use of isset() function in PHP?

(i) What is the syntax of writing a PHP code block?

(j) What is the meaning of 404 error in a web server?

2. Write short answers for the following questions : **(any five)** $2 \times 5 = 10$

(a) Identify each part of the given url, "http://127.0.0.1:8000/home".

(b) Differentiate between GET and POST methods.

(c) What are the differences between static web page and dynamic web page?

(d) What are the advantages of using AJAX in a web page?

(e) Explain the significance of root directory in a web server.

(f) What is the use of getElementById() in JavaScript?

(g) What is servlet in JSP?

view
make
boxer

3. Answer **any five** questions : $3 \times 5 = 15$

~~(a)~~ Create the given table with BLUE 2 Pixel solid border.

SL. No.	Player		Age
	FName	LName	
1	Sanjay	Das	23
2	Karttik	Pathak	21
3	Arun	Sarma	19
4	Ranjan	Deka	24
5	Anjan	Das	23

(b) Write PHP code to connect with mysql database using MySQLi interface, execute query to insert given records in student table and then close the connection

Student :

Roll no	Name	Stream	Class
1	Suhani Kumari	Science	12
2	Arina Phukan	Arts	12

~~(c)~~ Differentiate between MVC and MVP development model.

(d) In WordPress what is the significance of using themes, plugins and permalinks?

~~(e)~~ Demonstrate use of AJAX to dynamically update the content of a paragraph in a web page.

Model
View

AND 374 02 401
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(f) Discuss any three characteristics of client-server system.

4. Answer the following questions : $5 \times 3 = 15$

(a) Explain how a new session can be set and destroyed using PHP with appropriate example.

OR

Explain how a session can be merged in JavaServer Pages.

(b) Write PHP code to upload a file in the "/uploads" directory.

OR

Write PHP code to retrieve data from student table and display in a HTML table.

Student :

Roll no	Name	Stream	Class
1	Suhani Kumari	Science	12
2	Arina Phukan	Arts	12

(c) Write short notes on :

(i) Laravel Directory Structures

OR

(ii) JSON

OR

(iii) Cookies in PHP