

KAMARAJ COLLEGE (Autonomous)

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(Affiliated to Manonmaniam Sundaranar University, Tirunelveli)

(4 Pages)

Reg. No:.....

Question Code: 26E01109

Course Code: 24USCS31

UG Degree - End Semester Examinations, April 2026

Third Semester

B.Sc., COMPUTER SCIENCE

PHP & MySQL

(For those who joined in July 2024 onwards)

Time : 3Hours

Maximum : 75 Marks

PART - A (10 × 1 = 10 Marks)

Answer ALL Questions

Choose the correct answer:

- CO:1 1. PHP was originally created by _____
K:1 (a) Rasmus Lerdorf (b) Tim Berners-Lee
(c) Dennis Ritchie (d) Brendan Eich
- CO:1 2. Which symbol is used to declare variables in PHP?
K:1 (a) # (b) \$
(c) % (d) @
- CO:2 3. Identify the correct operator for string concatenation in PHP.
K:2 (a) Plus (+) (b) Dot(.)
(c) And(&) (d) Comma(,)
- CO:2 4. In PHP, the default method for submitting an HTML form is _____
K:2 (a) GET (b) POST
(c) REQUEST (d) None
- CO:3 5. Which loop is guaranteed to execute at least once?
K:1 (a) For (b) while
(c) Do-while (d) foreach
- CO:3 6. The PHP function used to connect with MySQL is __
K:1 (a) mysqli_connect() (b) connect_sql()
(c) mysql_start() (d) db_connect()

- CO:4 7. Which superglobal is used to collect form data sent with
K:1 method="post"?
- (a) \$_REQUEST (b) \$_GET
(c) \$_POST (d) \$_FORM
- CO:4 8. What purpose PHP sessions are used?
K:1
- (a) Store data on client-side (b) Store data temporarily on server-side
(c) Store database credentials (d) Encrypt cookies
- CO:5 9. Which command in SQL is used to remove a table permanently?
K:1
- (a) Delete (b) Drop
(c) Remove (d) Clear
- CO:5 10. What is the use of isset() function?
K:1
- (a) Initialize a variable (b) Check if a variable is set and not NULL
(c) Destroy a session (d) Allocate memory

PART - B (5 X 5 = 25 Marks)

Answer ALL Questions choosing either (a) or (b).

Answer should not exceed 250 words.

- CO:1 11. (a) Examine the history and evolution of PHP.
K:4

(OR)

- (b) Analyze PHP, HTML and JavaScript in terms of functionality and usage.

- CO:2 12. (a) Construct a PHP program using switch-case to display grades
K:4 of students.

(OR)

- (b) Compare the difference between local and global variables in PHP with examples.

- CO:3 13. (a) Assess the GET and POST methods to collect and display
K:5 student registration details.

(OR)

- (b) Estimate the process of handling file uploads in PHP with proper validation.

CO:4 14. (a) Take part in a PHP program to insert and retrieve book
K:3 details from a MySQL database.

(OR)

(b) Determine the CRUD operations in database-driven applications.

CO:5 15. (a) Evaluate sessions in PHP to store and retrieve user
K:4 information across pages.

(OR)

(b) Construct user authentication using cookies with example.

PART - C (5 X 8 = 40 Marks)

Answer ALL Questions choosing either (a) or (b).

Answer should not exceed 500 words.

CO:1 16. (a) Elaborate arrays in PHP to store and display employee
K:6 salaries.

(OR)

(b) Discuss the scope and lifetime of variables in PHP with examples.

CO:2 17. (a) Develop a PHP program using loops to generate a
K:5 multiplication table.

(OR)

(b) Evaluate the significance of recursive functions in PHP.

CO:3 18. (a) Estimate the PHP form validation to check username, email
K:4 and password fields.

(OR)

(b) Distinguish the security challenges in handling HTML forms.

CO:4 19. (a) Develop a PHP application to perform CRUD operations on a
K:5 student database.

(OR)

(b) Construct a web application that takes user input from a form and stores it in a MySQL database.

CO:5 20. (a) Evaluate the role of SQL queries in PHP-based web
K:6 applications.

(OR)

(b) Estimate cookies and sessions in managing user data with examples.