



Sample Paper

Course : APHD Version-II

Duration : 02:00 Hours

Maximum Marks : 120

Note:

- Attempt all questions in Section A- (2 marks each).
- All questions are compulsory in Section B- (5 marks each). However, out of 8 questions 4 questions will have additional questions as internal choices.
- All questions are compulsory in Section C- (10 marks each). However, out of 4 questions 2 questions will have additional questions as internal choices.

Section A

1. What is the purpose of the LIMIT clause in MySQL?
 - a) Specifies a maximum number of columns in a table
 - b) Control the number of rows returned by a query
 - c) Limits the number of tables in a JOIN operation
 - d) Sets a maximum number of records to be updated
2. WordPress websites can be highly customized by using custom themes and plugins to fulfill specific design and feature requirements.
 - a) False
 - b) True
3. The PHP interpreter automatically switches modes as it interprets and executes PHP Code.
 - a) False
 - b) True
4. Which of the following is not a valid type of CSS positioning ?
 - a) Absolute
 - b) Static
 - c) Float
 - d) Relative

5. The toggle() method is used in jQuery to change an element's visibility between hidden and visible.

- a) False
- b) True

6. The importance of employability skills is subjective, as different employers may prioritize different skills.

- a) False
- b) True

7. Google Chrome has an integrated Task Manager that helps users view and control resource usage such as memory and CPU.

- a) True
- b) False

8. PHP 5 introduced an updated MySQL extension known as:

- a) mysqli
- b) MySQL
- c) mysqlly
- d) mysql

9. In PHP, which function is used to create a database connection?

- a) mysqli_connect()
- b) mysql_connect()
- c) All of the above
- d) PDO::connect()

10. Among the following, which one is the ternary operator?

- a) -
- b) :
- c) +
- d) ?:

11. The is_file() function returns true if the specified path is a file.

- a) False
- b) True

12. The ``<audio>`` element is used for displaying images on a web page.
- a) True
 - b) False
13. What does the jQuery selector `$("p#intro")` select?
- a) None of the options
 - b) The p element with element name "intro"
 - c) The p element with having id="intro"
 - d) All p elements with having class="intro"
14. What is the purpose of routes in CodeIgniter?
- a) They define connections between database tables.
 - b) They map URLs to specific controller functions
 - c) They are created in the autoload.php configuration file.
 - d) They are stored in the models folder.
15. Effective communication skills are essential in the workplace because they:
- a) Enhance teamwork and collaboration
 - b) All of the above
 - c) Improve customer satisfaction
 - d) Increase productivity
16. The default controller file in CodeIgniter is named Main.php.
- a) False
 - b) True
17. The _____ attribute is used to provide an advisory text about an element or its contents.
- a) Dir
 - b) None of the options
 - c) Title
 - d) Tooltip
18. Transactions in MySQL are responsible for ensuring the accuracy and consistency of data.
- a) False
 - b) True

19. Which directory contains the core WordPress files and folders?
- a) /wp-content/
 - b) Root directory
 - c) /wp-admin/
 - d) /wp-includes/
20. In SQL, which operation allows data to be fetched from multiple related tables
- a) LINK
 - b) JOIN
 - c) MERGE
 - d) UNION

Section B

1. Describe the stress management technique you like the most and discuss why it works best for you?
2. Explain the steps involved in uploading files through PHP forms?

OR

Write a brief note on authentication in PHP?

3. Define HTML? Explain any five different types of tags in HTML?
4. Why is PHP commonly used for MySQL database administration? Explain its benefits.?

OR

How GET and POST method in PHP is different from each other?

5. Write and explain a SQL statement to create a table named Employee with appropriate data types and constraints?

OR

Explain the process of running multiple SQL queries through MySQLi in a single request. What risks may occur?

6. Define a subquery and explain it with a suitable example?

OR

Explain the SQL commands DROP, TRUNCATE, and DELETE?

7. Explain the concept of CSS and discuss the different techniques used to add CSS to a webpage?
8. Write a short note on operator in JavaScript?



Section C

1. Write an HTML program to create a webpage for your school. Include the school name, address, courses offered, and a list of facilities using appropriate HTML tags.
2. Write a MySQL query to retrieve the details of the three youngest students from the Student table using ORDER BY and LIMIT.

OR

Describe the steps to prepare, execute, and fetch results of a parameterized SELECT query using MySQLi for the Employee table.

3. Write a program in PHP to find the factorial of a number entered by user.

OR

Write a PHP program to connect with the MySQL database and retrieve the **order_id** and **user_id** from the orders table of the **hartrondb** database where the order status is 'Used'.

4. Write a program in java script to find the sum of a number entered through keyboard.