

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai — 600 044.

BCA - END SEMESTER EXAMINATIONS NOVEMBER -2023

SEMESTER - V

20UACT5010 - Programming In PHP and MYSQL

Total Duration : 2 Hrs 30 Mins.

Total Marks : 60

Section B

Answer any **SIX** questions ($6 \times 5 = 30$ Marks)

1. Differentiate between dynamic content and static content in the context of web development.
2. Describe the concept of expressions in PHP.
3. Compare and contrast the if statement and the switch statement in PHP.
4. Describe the process of backing up and restoring data in a MySQL database. Why is data backup important?
5. Discuss the role of date and time functions to enhance PHP's capabilities? Give an example of a date/time function.
6. Describe the process of displaying MySQL query results with embedded links.
7. Explain how Auth_HTTP is used to authenticate users in PHP applications.
8. Design a high-level architecture for building a blog platform using PHP and a MySQL database.

Section C

Answer any **THREE** questions ($3 \times 10 = 30$ Marks)

9. Explain the essential components of a typical PHP application. How do these components contribute to the overall functionality of the application?
10. Write a PHP function that calculates the factorial of a given number.
11. How can templates enhance the development process of dynamic websites with example?
12. Illustrate alteration of a MySQL database object using PHP with example.
13. Describe the importance of auditing and logging security events in PHP applications.
