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Total No. of Printed Pages: 1

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B.Sc. (Graphics & Web Designing) (Semester: 2nd)

WEB DEVELOPMENT USING PHP & MYSQL

Subject Code: BGWDS1202

Paper ID: [21132607]

Time: 03 Hours

Maximum Marks: 60

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A

(2 marks each)

Q1. Attempt the following:

- a) What is PHP?
- b) How do you display type information in PHP?
- c) What are dynamic variables in PHP?
- d) What is the syntax for a 'for' loop in PHP?
- e) How do you pass arguments by value in PHP?
- f) How do you redirect a user in PHP?
- g) What is the purpose of hidden fields in HTML forms?
- h) What is MySQL?
- i) How do you perform a SELECT operation in PHP with MySQL?
- j) What is the purpose of the DELETE operation in a database?

Section – B

(5 marks each)

- Q2. How do PHP scripts work, and what role do data types play in PHP scripting? Discuss.
- Q3. Explain the process of working with forms in PHP. How do you access user input, combine HTML and PHP code, and use hidden fields?
- Q4. Explain the creation and usage of user-defined functions in PHP. How do dynamic functions and default arguments work in PHP?
- Q5. Describe the steps for handling files and directories in PHP. How do you open, close, rename, and delete files in a PHP script?
- Q6. What is RDBMS, and how does it relate to MySQL? How does PHP interact with MySQL for database connectivity?

Section – C

(10 marks each)

- Q7. Explain the evolution of PHP and compare it with other web development languages. How does PHP interact with external systems, and what are its hardware and software requirements?
- Q8. Discuss the different types of control statements in PHP. How do these statements control the flow of a PHP script? Explain.
- Q9. Describe the process of performing basic database operations using PHP. Explain in detail using suitable examples.