

PSG COLLEGE OF ARTS & SCIENCE
(AUTONOMOUS)

BSc DEGREE EXAMINATION MAY 2024
(Sixth Semester)

Branch – INFORMATION TECHNOLOGY

PHP & MySQL

Time: Three Hours

Maximum: 50 Marks

SECTION-A (5 Marks)

Answer ALL questions

ALL questions carry EQUAL marks (5 x 1 = 5)

- 1 In PHP which is used to place in front of all variables?
(i) % (ii) \$
(iii) # (iv) @
- 2 The _____ function is commonly used with binary data.
(i) fread (ii) fwrite
(iii) fgets (iv) fputs
- 3 An object-oriented programming language must support _____ means that different classes can have different behaviors for the same operation.
(i) inheritance (ii) polymorphism
(iii) classes (iv) Object
- 4 A _____ is an item of data that a web server saves to your computer's hard disk via a web browser.
(i) session (ii) authentication
(iii) function (iv) cookie
- 5 The process of separating your data into tables and creating primary keys is called.
(i) normalization. (ii) database
(iii) entity (iv) table

SECTION - B (15 Marks)

Answer ALL Questions

ALL Questions Carry EQUAL Marks (5 x 3 = 15)

- 6 a Describe the syntax of PHP.
OR
b Point out implicit and explicit casting with an example.
- 7 a Comment on the usage of include statement.
OR
b Explain how to retrieve the submitted data using form? Give an example.
- 8 a Analyze the various usage of constructor.
OR
b Describe how to clone the object in PHP.
- 9 a Illustrate the syntax for setting cookies in PHP.
OR
b Write short notes on MYSQL basics.
- 10 a Identify the steps to create a database with a many-to-many relationship.
OR
b Determine how to prevent HTML injection.

Cont...

SECTION -C (30 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 x 6 = 30)

- 11 a Create a PHP program to find odd or even number from given number.
OR
b Examine the various types of looping statements used in PHP with an example.
- 12 a Write a PHP program to Read the data content from an existing file.
OR
b Highlight the use of various array functions in PHP.
- 13 a Outline the steps involved in implementing inheritance in PHP. Give an example.
OR
b Examine the advanced object oriented features with an example.
- 14 a Discuss about setting up a secure web server session.
OR
b Describe the various data types supported in MYSQL database.
- 15 a Categorize the different types of Normalization and Relationship used in MYSQL database. Give an example.
OR
b Create a PHP program to insert and delete a record using MYSQL database.

Z-Z-Z

END