QP. Code: 47931

Reg. No. | | | | | | | | |

Sixth Semester B.C.A. (NEP Regular) Degree Examination, August / September, 2024

Sub : PHP & MYSQL (Theory)

Time : 2 Hrs | Max. Marks : 60

Instructions:

1. **All Section are compulsory.**
2. **Write program neatly. If necessary write the output.**
3. **Write question numbers correctly.**

SECTION - A

I. Answer **any TEN** from the following, each carries TWO marks: **10x2=20**

1. Write a simple PHP script to display 'Hello World'.
2. What is the difference between '= =' and '= = =' operators in PHP.
3. How do you check the datatype in PHP ? Give example.
4. Explain for each loop in PHP with syntax and suitable example.
5. Define 'echo' and 'print' in PHP.
6. Define associative array with example.
7. Mention any two date and time functions.
8. Define function in PHP.
9. How do you pass arguments by reference in PHP functions ?
10. List the statements that are used to connect PHP with MYSQL with example.
11. List any two advantages of Laravel.
12. What is composer in Laravel ?

SECTION - B

II. Answer **any FOUR** from the following questions, each carries 5 marks: **4x5=20**

13. Write a PHP script that demonstrates the use of comparison and logical operators. Include comments to explain each operation.
14. What are string functions in PHP ? Describe four common functions with examples.
15. Explain any five array functions with suitable examples.

16. How would you fetch and display all records from a 'user' table in PHP ? Explain with suitable examples. (Hint: include connection statements).

17. Describe five key features of the Laravel framework that make it popular among developers.

SECTION - C

III. Answer **any TWO** from the following questions, each carries 10 marks: 2x10=20

18. a) Write a PHP program to implement simple calculator operation.
    b) Describe the concept of nested conditional statements and provide a PHP example to demonstrate how they are used.

19. a) Explain PHP arrays with examples.
    b) Write a PHP program to demonstrate constructors and destructors.

20. a) Describe the structure of a typical Laravel application. Focus on the purpose of the following directories : app. config, database, public and routes.
    b) Create a table to store the following student details: Roll number (primary Key), First name, Last name and email. Also fetch and display all records from the table whose last name is 'Doe'.

* * *