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Reg. No. : .....

Code No. : 30791 E      Sub. Code : ESCA 22

B.C.A. (CBCS) DEGREE EXAMINATION,  
NOVEMBER 2024.

Second Semester

Computer Application

Skill Enhancement Course — PHP PROGRAMMING

(For those who joined in July 2023 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer.

1. Who is the father of PHP?

- (a) Drek Kolkevi
- (b) William Makepiece
- (c) Rasmus Lerdorf
- (d) List Barely

2. PHP code is embedded within which markup language?

- (a) XML
- (b) JSON
- (c) Markdown
- (d) HTML

3. Which of the following is correct way to start a PHP Script?

- (a) <?php start?>
- (b) <script language = "php">
- (c) <?php?>
- (d) <?>

4. Which of the following statements is used to output text in PHP?

- (a) print()
- (b) display()
- (c) echo()
- (d) output()

5. In PHP, which loop is typically used when the number of iterations is uncertain and determined based on condition?

- (a) for loop
- (b) while loop
- (c) for – each loop
- (d) do-while loop

6. Which PHP function is used for creating arrays?

- (a) make-array()
- (b) create\_array()
- (c) array()
- (d) new\_array()

7. Which one of the following function is capable of reading a specific number of characters from a file?
- (a) fgets() (b) fget()  
(c) fileget() (d) filegets()
8. Which PHP function is suitable for reading the entire contents of a file into a string?
- (a) fread()  
(b) file\_get\_contents()  
(c) fopen()  
(d) readfile()
9. Which PHP function is used to start a new session or resume the existing session?
- (a) session\_start() (b) start\_session()  
(c) init\_session() (d) begin\_session()
10. Which PHP function is used to completely destroy the current session?
- (a) close\_session()  
(b) end\_session()  
(c) destroy\_session()  
(d) session\_destroy()

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**PART B — (5 × 5 = 25 marks)**

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Enlighten the advantages of PHP.  
Or  
(b) Describe the components of basic website.
12. (a) How can PHP embedded within HTML code to create dynamic web pages?  
Or  
(b) Explain the importance of data types in PHP.
13. (a) Illustrate the syntax and usage of Switch statement in PHP with example.  
Or  
(b) Write a PHP program to find the factorial of N numbers using for loop.
14. (a) Describe the different modes of file operation available in PHP.  
Or  
(b) Discuss the following: Opening the file, reading its contents and closing the file.

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15. (a) Compare sessions and cookies.

Or

(b) Define the term "cookies" and explain their role in web development.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Describe the advantages of embedding HTML within PHP.

Or

(b) Illustrate the steps involved in installing XAMPP on a windows-based system.

17. (a) Classify the different types of operators available in PHP.

Or

(b) Describe the process of embedding HTML code within PHP scripts.

18. (a) State the following Iteration loop with neat flow diagram and give example :

(i) while-loop

(ii) do-while loop.

Or

(b) Discuss the concept of array functions in PHP for manipulating array data.

19. (a) Explain the process of reading data from a file in PHP. Provide a step-by-step explanation.

Or

(b) Discuss the significance of file permissions in PHP file handling operations.

20. (a) Describe the process of setting cookies in a web application. Provide examples.

Or

(b) Explain the importance of destroying sessions in web applications.