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Reg. No. :

**Code No. : 20613 E Sub. Code : SSCS 3 A/
SSSE 3 A**

B.Sc. (CBCS) DEGREE EXAMINATION, APRIL 2021.

Third Semester

Computer Science/Software Engineering

Skill-Based Subject — PROGRAMMING WITH PHP
AND MYSQL

(For those who joined in July 2017 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer :

1. PHP 3.0 was supplanted in the year
(a) 1996 (b) 1997
(c) 1998 (d) 1999

2. The simplest variable type in PHP is
(a) Integer (b) String
(c) Boolean (d) Floating Point

3. The function used to add an element to the end of an existing array is
- (a) array-push ()
 - (b) array-pop ()
 - (c) array-shift ()
 - (d) array-unshift ()
4. The function used to create a client session is
- (a) start () (b) create ()
 - (c) run () (d) none of these
5. The value returned by the file size function is an
- (a) Integer
 - (b) Floating point
 - (c) Boolean
 - (d) NULL
6. To set the file pointer, the function used is
- (a) set () (b) fseek ()
 - (c) ftell () (d) fstat ()

7. Which one of the information is not needed to connect to MySQL?
- (a) Host name (b) Server name
(c) Port (d) Username
8. The function that returns the remainder of a division operation is
- (a) Div () (b) Mod ()
(c) Rem () (d) None of these
9. PHP's special error suppression operator is
- (a) + (b) .
(c) & (d) @
10. The function that is used to test the server connection is
- (a) mySql – ping ()
(b) mySql – info ()
(c) mySql – dbs ()
(d) mySql – stat ()

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) Explain how to embed PHP in HTML with example.

Or

- (b) Explain while loop and do loop.

12. (a) Explain grouping form selections with arrays.

Or

- (b) Explain how to manage sessions and use session variables.

13. (a) Explain how to check if a file exists.

Or

- (b) Explain locking files.

14. (a) Explain effectiveness of MySQL.

Or

- (b) Explain aggregate functions.

15. (a) Explain debugging and diagnostic functions.

Or

(b) Explain database connectivity.

PART C — (5 × 8 = 40 marks)

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

Each answer should not exceed 600 words.

16. (a) Explain the features of PHP.

Or

(b) Explain various operators used in PHP.

17. (a) Explain how to create user defined functions.

Or

(b) Explain how to read data from a file and write data to a file.

18. (a) Explain reading text from a file using fgets and reading character using fgetc.

Or

(b) Explain reading and writing binary files.

19. (a) Explain full text searching in detail.

Or

(b) Explain retrieving data in detail.

20. (a) Explain processing result sets of queries.

Or

(b) Explain validating user input through application layer.
