

9/5/2022
(Morning)

2002

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- (b) What are the two types of arrays in PHP? State the differences between the two types of arrays with examples. (3)
5. (a) What is the pattern indicated by the following regular expressions?
- (i) `colou{0,1}r` (3)
 - (ii) `png|jpe?g|gif|bmp`
 - (iii) `wo(rld)*` (3)
- (b) Differentiate between 'for' and 'foreach'. Give examples. (2)
6. Illustrate the use of each of the following function with suitable example :
- (a) `explode()`
 - (b) `preg_match()`
 - (c) `str_replace()` (5)
7. (a) What is the use of variable `$_SERVER['PHP_SELF']`? (2)
- (b) Explain the use of `func_num_args()` and `func_get_args()` using suitable example. (3)

(100)

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[This question paper contains 4 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 2002 A

Unique Paper Code : 32343406-OC

Name of the Paper : PHP Programming (SEC)

Name of the Course : B.Sc. (H) Computer Science (CBCS)

Semester : IV

Duration : 2 Hours 30 minutes Maximum Marks : 25

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Question No. 1 is compulsory.
3. Attempt any **three** questions from Q. Nos. 2 to 7.

1. (a) Explain the difference between Superglobal variables and global variables with the help of an example. (2)

What will be the output of the following code fragment? (2)

P.T.O.

- (b) What are the two types of arrays in PHP? State the differences between the two types of arrays with examples. (3)
5. (a) What is the pattern indicated by the following regular expressions?
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P.T.O.

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<?php
function trial($int)
{
    if ($int == 1)
        echo "This should definitely work";
    if ($int = 2)
        echo "This may or may not work";
}
trial(1);
TRIAL(2);
?>
```

- (b) Write a PHP script to remove all leading zeroes from a string.

Original String: '00032463.84'

Expected Output: '32463.84' (2)

- (c) At its very simplest, a PHP document will output only HTML. True or False. (1)

- (d) Give the function name, which outputs the total number of rows returned by any query in PHP? (1)

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- (e) Differentiate between client-side scripting and server-side scripting. (2)

2. Consider a table named "Department_Projects" in "Company" database. The current status of the table is as follows.

Dept_name	No_of_projects
Accounts	5
Sales	4
Research	3
Marketing	7

Write a PHP script to connect to the database, update the "No_of_projects" to 8 for "Research" Department and close the SQL connection.

(5)

3. (a) What is the difference between GET and POST methods? Explain with the help of suitable example. (3)

- (b) State the two interpretations of caret (^) symbol in context of PHP regular expressions. (2)

4. (a) What is the use of hidden form fields? Elaborate with the help of an example. (2)

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