**PHP Programming**

**BSc(H) Computer Science**

**TEST I**

**SET A**

**Date : 22/03/017 Total Marks : 20**

**Section A (8 Marks)**

**Q1.** Explain briefly (1x4)

a. How do i find the number of parameters passed in the function?

b. What do the IP address 127.0.0.1 and the URL http://localhost have in common?

c. In how many ways we can pass the variable through the navigation  
 between the pages?

d. What is the differences between $a != $b and $a !== $b?

**Q2**. Find Output/error (2x2)

a. <?php  
 $subject = "abcdef";  
 $pattern = '/^def/';  
 preg\_match($pattern, substr($subject,3), $matches, PREG\_OFFSET\_CAPTURE);  
 print\_r($matches);  
 ?>

b. <?php

$str1 = 'yabadabadoo';

$str2 = 'yaba';

if (strpos($str1,$str2)) { echo "\"" . $str1 . "\" contains \"" . $str2 . "\""; }

else { echo "\"" . $str1 . "\" does not contain \"" . $str2 . "\""; }

?>

**Section B (12 Marks)**

**Q3.** Compare and contrast with examples (2x2)

i. foreach and each

ii. extract() and compact()

**Q4.** Explain the functions with syntax used for (2x2)

i. One wants to check the values with respect to each of the existing variables in the current script. What is the alternative one can use to debug without using any print statement for each variable separately.

ii. returns the original string from the last occurrence of the substring searched.

**Q5.** Answer briefly (2x2)

**i.** Howone can access the content of one php file into other. Discuss all the 4 alternatives.

ii. Explain $\_SERVER[‘PHP\_SELF’]). When and why it is used?

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**TEST I**

**SET B**

**Date : 22/03/017 Total Marks : 20**

**Section A (8 Marks)**

**Q1.** Explain briefly (1x4)

a. How the two statements $a and $$a differ?

b. Can we use include (“xyz.PHP”) two times in a PHP page “index.PHP”?

c. How can you make a variable accessible to all parts of a PHP program?

d. How can you set PHP’s internal pointer into an array back to the first element of

the array?

**Q2.** Find Output/error (2x2)

a. <?php

$classes = array ("BSc", "MSc", "PhD");

echo (next($classes));

echo (next($classes));

?>

b. <?php  
 $patterns = array ('/(19|20)(\d{2})-(\d{1,2})-(\d{1,2})/','/^\s\*{(\w+)}\s\*=/');  
 $replace = array ('\3/\4/\1\2', '$\1 =');  
 echo preg\_replace($patterns, $replace, '{startDate} = 1999-5-27');  
 ?>

**Section B (12 Marks)**

**Q3.** Compare and contrast with examples (2x2)

a. preg\_match() and preg\_match\_all()

b. explode() and implode()

**Q4.** Explain the functions with syntax used for (2x3)

i. Certain characters are valid in a string but can cause problems when inserted in the database as they could interpret these characters as control characters. How to deal with this situation

ii. matching the contents of a string based on the regular expression such that the resultant array orders the results so that $matches[0] is an array of first set of matches, $matches[1] is an array of second set of matches, and so on.

iii. PHP’s internal pointer into an array need to point back to the first element of the array. Is it valid for both numeric and associative arrays? Comment

**Q5.** How can we display multiline output in php without using any printing command for each line. (2)

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**TEST I**

**SET C**

**Date : 22/03/017 Total Marks : 20**

**Section A (8 Marks)**

**Q1.** Explain briefly (1x4)

a. How can u submit a form without submit button?

b. What is meant by nl2br()?

c. Why would you use === instead of ==?

d. Why do you suppose that an underscore is allowed in variable names ($current\_user), whereas hyphens are not ($current-user)?

**Q2.** Find Output/error (2x2)

a. <?php

$url = "nachiketh@example.com";

echo ltrim(strstr($url, "@"),"@");

?>

b. <?php  
 preg\_match\_all("|<[^>]+>(.\*)</[^>]+>|U",  
     "<b>example: </b><div align=\"left\">this is a test</div>",   
     $out, PREG\_SET\_ORDER);  
 echo $out[0][0] . ", " . $out[0][1] . "\n";  
 echo $out[1][0] . ", " . $out[1][1] . "\n";  
 ?>

**Section B (12 Marks)**

**Q3.** Explain the functions with syntax used for (2x3)

i. find and replace substring based on position

ii. Functions used to compare the strings such that string2 is considered smaller than string12 and vice versa

iii. Variables can be manually deleted. How? Is there any method to explicitly define variables such that they can be accessed from anywhere in the script.

**Q4.** Compare and contrast with examples (2x2)

i. require\_once() and include\_once()

ii strstr() and strrstr()

**Q5.** In how many ways one can pass the variable through the navigation  
 between the pages? (2)