

GUJARAT TECHNOLOGICAL UNIVERSITY**MCA – SEMESTER –III• EXAMINATION – SUMMER 2018****Subject Code: 3630010****Date: 29-May-2018****Subject Name: Programming with Linux, Apache, MySQL, and PHP****Time: 02.30 pm to 5.00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.

- Q.1 (a) Answer following (Any 7) 07**
- 1) Name the configuration file of PHP
 - 2) Which function can return the current session's ID?
 - 3) State the main difference between include and require
 - 4) What is the use of \$_REQUEST
 - 5) Write syntax to declare Constant in PHP
 - 6) Which function is used to count the length of PHP array?
 - 7) Write the full syntax of setcookie() function
 - 8) Write output

```
$num = 33;
(boolean) $num;
echo $num;
```
 - 9) Write Output

```
$str = "NULL";
$var = (boolean)$str;
var_dump($var);
```
- (b) How to build and install apache on Linux platform? 07**
- Q.2 (a) List & discuss any 5 file handling functions. 05**
 Explain die() and exit() 02
- (b) Explain numeric datatypes of MySQL 07**
- OR**
- (b) What is Cookies? Explain with example, which are the limitations of cookie? 07**
- Q.3 (a) Explain different way of using include statement in PHP. 04**
 Explain in brief about stored procedures in MySQL? 03
- (b) With suitable example explain the use of hidden field 07**
- OR**
- Q.3 (a) Explain variable length argument function with example 07**
(b) What is session? Discuss Session related functions of PHP. 07
- Q.4 (a) Explain with example how to validate login form using JavaScript. 07**
(b) List and describe the use of any 5 super global variables in PHP 07
- OR**
- Q.4 (a) Differentiate following**
- 1) mysql v/s mysqli 03
 - 2) static v/s constant 02
 - 3) echo v/s print 02
- (b) Write a php script to upload an image with validations (filesize must be less than 2Mb, file type must be jpg | png). If any error in uploading and saving file, appropriate error message should be displayed. 07**

- Q.5 (a) 1) Explain following (any 2) www.FirstRanker.com www.FirstRanker.com
1. imagecreate() 2. imagearc() 3. imagejpeg() **04**
- 2) Explain SQL Injection. **03**
- (b) Write a script to generate a captcha image that should contain random letters, numbers and symbols. **07**

OR

- Q.5 (a) Explain with example the global variable. How it is accessible inside a function? **07**
- (b) What is JSON? Explain syntax of JSON data, JSON object and JSON array in detail. **07**

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