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# Term-end Examination - June, 2018
# DIPLOMA IN COMPUTER APPLICATIONS
## DCA-06: Application Development

**Time: 3 hours**            **Full Mark: 100**

*(Answer **all** questions from Group -'A', any **four** questions from Group -'B', any **four** questions from Group -'C' and any **two** questions from Group -'D')*

<u>Group 'A'</u>        **Mark: 1 × 10= 10**

**(Answer all the questions)**

### Q. No 1 (Choose the correct answer)

(i) When you use the $_POST variable to collect data, the data is visible to.

    a) None      b) only you      c) Every-one      d) selected few

(ii) In PHP in order to access MySQL database you will use:

    a) mysqlconnect() function          b) mysql-connect() function

    c) mysql_connect() function          d) sql_connect() function

(iii) Which of the following is not an SQL aggregate function?

    a) AVG      b) SUM      c) MIN      d) CURRENT_DATE()

(iv) The _____ statement is used to delete a table.

    a) DROP TABLE          b) DELETE TABLE

    c) DEL TABLE          d) REMOVE TABLE

(v) What functions count elements in an array?

    a) count      b) Sizeof      c) Array_Count      d) Count_array

(vi) Which of the following are valid float values?

    a) 4.5678      b) 4.0      c) 7e4      d) All of above

(vii) Identify the variable scope that is not supported by PHP

    a) Local variables          b) Function parameters

    c) Hidden variables          d) Global variables

(viii) Which one of the following should not be used while sending passwords or other sensitive information?

    a) GET      b) POST      c) REQUEST      d) NEXT

(ix) Which variable is used to collect form data sent with both the GET and POST methods?

    a) $BOTH      b) $_BOTH      c) $REQUEST      d) $_REQUEST

(x) There are three different kind of arrays:

    a) Numeric array, String array, Multidimensional array
    b) Numeric array, Associative array, Dimensional array
    c) Numeric array, Associative array, Multidimensional array
    d) Const array, Associative array, Multidimensional array

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**Group 'B'**      **Mark: 5 × 4= 20**

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**Q. No. 02 (Answer any four questions each within 50 words)**

    a) What is the difference between CHAR AND VARCHAR?
    b) What is use of header() function in PHP ?
    c) Why use the MySQL Database Server?
    d) Different Types of Tables in MySQL?
    e) How can we create a database using PHP and MySQL?
    f) What is the difference between mysql_fetch_object and mysql_fetch_array?

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**Group 'C'**      **Mark: 10 × 4= 40**

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**Q. No. 03 (Answer any four questions each within 200 words)**

    a) What are the differences between Get and post methods in form submitting. Give the case where we can use get and we can use post methods?
    b) How can we set and destroy the cookie in PHP?
    c) How to find whether a number Armstrong or not?
    d) What is Encapsulation? Give one example of the Encapsulation?
    e) W.A.P. to take input from user and reverse the string.
    f) Write a program to concatenate two strings character by character. e.g. : JOHN + SMITH = JSOMHINTH

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**Group 'D'**      **Mark: 15 × 2= 30**

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**Q. No. 04 (Answer any two questions each within 250 words)**

    a) What are the different types of PHP arrays? Explain with examples.
    b) Write the PHP code to insert, Read, Delete and Update data using PHP.
    c) What are all the Common SQL Functions? What are the different types of comment in HTML?
    d) W.A.P. in PHP to take input from user and find whether a number is prime or not?