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## **Term End Examination - December, 2016**

**Diploma in Computer Application (DCA)**

**DCA-06: PHP (2015 Syllabus)**

**Time - 3 hours**

**Full Mark - 100**

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

**Group 'A'**

Mark:  $5 \times 4 = 20$

*(Answer any four questions each within 100 words)*

Q.N.1.

- a) What is a flowchart? Draw a flowchart for finding sum of n natural numbers.
- b) What is an object? Write down the advantages of using objects in PHP.
- c) List any two PHP HTTP functions and write their uses.
- d) What is an algorithm? Write an algorithm to find out the largest among two different numbers.
- e) Write the characteristics of Object Oriented Programming Languages.
- f) What are Cookies? Explain in brief.
- g) Write the uses of a switch statement in PHP.

**Group 'B'**

Mark:  $10 \times 2 = 20$

*(Answer any two questions each within 250 words)*

Q.N.2.

- a) What is an algorithm? Write an algorithm to find sum and average of 10 numbers entered by user.
- b) Write the features, advantages and disadvantages of the high level programming languages.
- c) Compare and contrast the features of procedure-oriented languages and object-oriented languages.

- d) Discuss about different types of errors in PHP.
- e) How to validate a check box? Explain with an example.

**Group 'C'**

Mark:  $20 \times 3 = 60$

*(Answer any three questions each within 500 words)*

- Q.N.3. Write a PHP script to accept Student details (SLno, Sname, and Address.) on first page. On second page accept qualification (Highest\_Qual, University, Year, and Division). On third page print details (SLno, Sname, Address, Highest\_Qual, University, Year, and Division)
- Q.No.4. Design a Register page which takes (First Name, Last Name, User Name, Gender, DOB, Address, PIN, E-Mail ID, Ph.No) and validate the necessary field.
- Q.No.5. Design a Login page which take the input EmailID as User ID, Password and check box for remembering the password and validate user Id and password field by following condition. (Password size must be 8 to 16, must have a Number, Symbol and Uppercase letter)
- Q.No.6. Define an operator. Describe various types of operators used in PHP.
- Q.No.7. Discuss in detail different data types used in PHP with examples.
- Q.No.8. What do you mean by Form Validation? What are various types of Form Validation done at the server end?