BCA (Honours) 5th Semester Examination, 2022

Subject : Computer Application

Course : BCA-502

Time: 3 Hours   Full Marks: 80

The figures in the margin indicate full marks.
Candidates are required to give their answers in their own words
as far as practicable.

Answer Question No. 1 and any four *from the rest.*

1. Answer *any eight* questions: 2×8=16

  (a) Write the differences between 'echo' and 'print' in PHP.

  (b) Define PEAR in PHP.

  (c) Give name of library to execute image functions in PHP.

  (d) Why do we use
 Tag in HTML?

  (e) How to initiate a session in PHP?

  (f) Write the uses of `in-array()` function in PHP.

  (g) Define primary key.

  (h) How to execute a PHP script from command line?

  (i) How to define a constant in PHP?

  (j) Write the differences between $ message and $$ message in PHP.

  (k) What are the difference between break and continue statement?

  (l) Define ER model.

Answer *any four* from the rest.   16×4=64

2. (a) How will you define a user define function in PHP?

  (b) Write a PHP program to determine whether the given number is prime or not.

  (c) What are the ways to include file in PHP? Explain with examples.   4+6+6

3. (a) Explain three level of database architecture.

  (b) Explain briefly different types of Normal Form.

  (c) How to concatenate two strings in PHP?   3+8+5

4. (a) How can you insert an image in a HTML page? Explain the various library functions available in PHP.

  (b) How to create ordered and unordered lists in HTML?   (3+7)+6

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5. (a) What are PHP literals?

   (b) Write a PHP function that checks if a string is all lowercase.

   (c) Explain the different types of Array in PHP with examples.   4+4+8

6. (a) How to open and close file in PHP?

   (b) Write the various aggregate functions.

   (c) How can you create table in HTML?

   (d) Specify `<?php` and `?>`.   5+5+3+3

7. Write short note (*any two*):   8×2

   (a) Functional Dependency

   (b) PHP operators

   (c) Inheritance implementation in PHP

   (d) Different Form fields

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