AA—48—2019

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (CS) (Second Year) (Fourth Semester) EXAMINATION

OCTOBER/NOVEMBER, 2019

(Revised Course)

COMPUTER SCIENCE

(S4.4)

(Web Development and PHP Programming)

(Friday, 22-11-2019)   **Time : 2.00 p.m. to 5.00 p.m.**

Time—3 Hours   *Maximum Marks*—80

N.B. :— (*i*)   *All* questions are compulsory.

     (*ii*)   From Q. Nos. **2** to **4** solve either '*a*' and '*b*' or '*c*' and '*d*'.

     (*iii*)   Figures to the right indicate full marks.

1.   Answer the following :   20

   (*a*)   What is PHP ? Explain the use of PHP.

   (*b*)   Describe the default parameters.

   (*c*)   Define sorting. Explain the concept of sorting in an array.

   (*d*)   Explain the Encapsulation in detail.

2.   (*a*)   Describe the web server and web browser in detail.   8

   (*b*)   Explain the types of strings in PHP.   7

Or

   (*c*)   Explain identifying elements of an array in detail.   8

   (*d*)   Explain the classes and objects with suitable example.   7

3.   (*a*)   Describe the working with files and directories in detail.   8

   (*b*)   Explain the procedure for reading and writing characters in file. 7

P.T.O.

Or

(*c*) Explain the Lexical structure in detail. 8

(*d*) Differentiate the Indexed *Vs*. Associative arrays. 7

4. (*a*) Explain the concept of an Inheritance with example. 8

(*b*) Explain the setting response headers in detail. 7

Or

(*c*) Explain the encoding and escaping in detail. 8

(*d*) Explain the traversing arrays with suitable example. 7

5. Write short notes on (any *three*) : 15

(*a*) Language basics

(*b*) Regular expressions

(*c*) Multidimensional array

(*d*) Introspection

(*e*) Server information.

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