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BCA Vth Semester Examination, 2022-23

(Faculty of Engineering and Technology)

OPEN SOURCE SOFTWARE

Paper : BCA-5053

Time : 3 Hours]   [M.M. : 70

Note :— Answer any *five* questions. All questions carry equal marks.

1. List out various open source software's in the following domains :

   Communications, Database, Education, Games/Entertainment, Office/Business, Printing.

2. What is the open source software licensing policy ?

3. Explain process scheduling in Linux. Discuss, how secure it is ?

4. What is Signal ? Explain, how Linux handles asynchronous signals ?

5. Discuss Sorting Query Results in MySQL and Record Selection Technology.

6. Explain the procedure of connect MySQL Database with PHP Websites.

7. What is Subroutine ? How to pass arguments to the subroutine ?

8. Explain Perl control structures with examples.

9. Write short notes on the following :

   (i)   MySQL

   (ii) PHP data types.

10. Define the following with examples :

    (i)   Regular expressions

    (ii) Shells found in Linux systems

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