S.No. **56**   BATCH: **2017**

END OF SEMESTER EXAMINATIONS, APRIL / MAY -2018
OPEN SOURCE SCRIPTING TOOLS (PERL / PYTHON)
SUBJECT CODE: 17P3CS05

MAJOR: M.Sc.,(Computer Science)   **SEMESTER : II**
TIME : 3 HOURS   **MAX.MARKS: 70**

SECTION – A (5 X 3 = 15)

Answer ALL Questions:

1. Write short note on special symbols and characters of Python.
2. Illustrate the concept semaphore.
3. Exemplify basic database operations.
4. Describe the functions associated with hashes in PERL.
5. Discuss any three operators in PERL.

SECTION – B (5 X 11 = 55)

Answer ALL Questions:

6. a) Give an overview of Regexes and Python.
   (OR)
   b) Discuss the following features in Python matching, special characters and grouping.

7. a) Explain the support for threads in Python.
   (OR)
   b) Elucidate the threading modules of Python with example.

8. a) Describe the functions of Python DB-API.
   (OR)
   b) Exemplify the DB operations and Adapters in Python.

9. a) Discuss the PERL Scripts in detail.
   (OR)
   b) Exemplify scalar variable and array support in PERL .

10. a) Elucidate the operators and Regular expression in PERL with examples.
    (OR)
    b) Describe the user defined file handling method in PERL.

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