

Roll No.

Total No. of Pages : 02

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B.Tech (CSE) (Sem.-5)
PROGRAMMING IN PYTHON
Subject Code : BTCS-510-18
M.Code : 78324

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.**
2. **SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.**
3. **SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.**

SECTION-A

Write briefly :

- 1) Define pickling.
- 2) Python Interpreter.
- 3) Intermediate mode and script mode.
- 4) Lists in Python.
- 5) Define exceptions.
- 6) Define Recursion.
- 7) String lower function.
- 8) Define HTTP.
- 9) Special symbols in Python.
- 10) Global Interpreter lock.

SECTION-B

- 11) Differentiate between function and module in Python.
- 12) Test whether a given year is leap year or not.
- 13) Write code to print Fibonacci series.
- 14) Write a note on Object Relational Managers (ORMs).
- 15) Differentiate between simple and advanced web clients.

SECTION-C

- 16) Describe the syntax and semantics of any two loop structures provided by Python.
- 17) Write a note on Python Database Application Programmer's Interface (DB-API).
- 18) Differentiate between thread module, threading module and related module.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.