[6007]-126

F.E. (Insem.)

PROGRAMMING AND PROBLEM SOLVING

(2019 Pattern) (Semester - II) (110005)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates :

1) *Solve Q.No.1 or Q.No.2, Q.No.3 or Q.No.4.*
2) *Neat diagrams must be drawn wherever necessary.*

Q1) a) Explain different logical operators in python. [3]

b) Explain different flowchart symbols. [4]

c) Explain input() function with example. [3]

d) What are the different problem solving aspects? Explain each in brief. [5]

OR

Q2) a) Explain history of python programming language. [3]

b) Explain the following terms i) variables ii) identifiers [4]

c) Explain different arithmetic operators in python. [3]

d) Explain different data types in python. [5]

Q3) a) Explain tuple data type with example. [3]

b) Differentiate between break and continue statements in python. [4]

c) Write a program to find larger of two numbers. [3]

d) Explain different loop control statements in python. [5]

OR

P.T.O.

Q4) a) Explain nested if with suitable example. **[3]**

b) Write a program to calc   sum and average of first 10 numbers. **[4]**

c) What is use of 'pass' statement in python? Explain with suitable example. **[3]**

d) Explain any five dictionary methods/functions in python. **[5]**

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