2055
Bachelor of Arts (FYUP), Second Semester
PYTHON PROGRAMMING

Time allowed: 3 Hours   Max. Marks: 40

NOTE: *Attempt* *four* *short answer type questions from Section–A. Attempt* *two* *questions each from Section B and C respectively.*

x-x-x

Section - A

I. Elaborate *any four* of the following:-

    a) Ternary operator

    b) Nested loop

    c) Comments

    d) String

    e) Global and Local variable

    f) Keywords   (4x2½)

Section - B

II. Explain different data types in detail.   (7½)

III. Define control statements. Explain its types with programming examples.   (7½)

IV. a) How to create a dictionary and explain its different operations?

    b) Write a program to find largest among two numbers.   (7½)

V. a) Explain difference between break and continue statement.

    b) Write a program to interchange two numbers.   (7½)

Section - C

VI. Define functions and its types in detail. Explain advantages of a functions.   (7½)

VII. Explain recursive functions with example.   (7½)

VIII. What are different methods of importing modules in python?   (7½)

IX. Explain file and how to open, write, read and close a file using programming example.
                                                                                      (7½)

x-x-x