1. Which of the following is a distinct syntactic block ?
a) Subroutines
b) Definition
c) Function
d) Modules
2. 

a) Tuples
3.
b) Lists
c) Classes
d) CDT
a) Procedures
is not the example of modules ?
4. Theoretical pe
b) Subroutines
c) Class
d) Functions
a) Priori estimate
b) Posteriori testing
c) Space factor
d) Time Factor
5. Which key is pressed to execute Python script ?
a) F5
a) F5
b) F2
c) F1
F4

## II Answer any Four questions and Question number 11 is

6. What is Pure function ? Give an example.
7. What is Abse.
8. What is Abstract Data type (ADT) ?
9. What is Enclosed scope ?
10. Define Control structure.
11. What is literal? What are the types of literals?
12. What is Insertion sort ?

## III Answer any Four questions and question number 17 is compulsory, $4 \times 3=12$

13 What happens if you modify a variable outside the function? Give an example.
14 What do different ways to access the elements of a list. Give example.
15 Write shou understand by Dynamic programming?
16 Writ short notes on Escape sequences with examples.
16 Write note on range() in loop.

17 Identify the scope of variable in the following pseudo code.

## IV Answer all the questions.

18 Identify in the following program.
 let rec sum num: =
if (num! $=0$ ) then return num + sum (num-1)
else
return num
a) Name of the function.
b) Identify the statement which tells it is a recursive function
c) Name of the argument variable. d) Statement which invoke the function recursively
e) Statement which terminates the recursion.

Explain the Bubble sort algorithm with example.
19. Explain the types of scopes for variable. (OR)

Discuss in detail about Tokens in Python.
Kindly send me your study materials to paflasalai.net@gmail.com

