

GOVERNMENT POLYTECHNIC MUMBAI
TERM END EXAMINATION

Programme : IT

Course Title : Python

03Hours/70marks

Enrolment No.

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Instructions:

1. Attempt all the questions.
2. Illustrate your answer with neat sketches wherever necessary.
3. Use of Mathematical Tables, Steam Table and Pocket Calculator (non-programmable) is permissible.
4. Marks on Right Hand Side indicate full marks for the question.
5. Assume suitable additional data, if necessary.

Q.1 Attempt any SIX

12Marks

- Syntax For dictionary.
- Explain tuple functions
- what is tuple?
- Explain set and list and its function
- what is string in python?
- Explain tuple and dictionary with examples
- Explain typeconversion with example.

Q.2 Attempt any THREE

12Marks

- Explain tuple and dictionary and its function
- Explain operators in python with examples.
- what is list?
- where as python originated

Q.3 Attempt any THREE

12Marks

- what is tkinter
- explain in brief python and its features with n appropriate example.
- Enlist tuple functions
- How Tuple is created
- what is array?

Q.4 Attempt any FIVE

10Marks

- a. Explain in detail data structures in python.
- b. Explain list functions
- c. Explain List and its functions with appropriate example.
- d. Explain set functions
- e. Enlist list functions
- f. Syntax For list
- g. Explain operators ,strings and numbers in python with appropriate examples.

Q.5 Attempt any THREE

12Marks

- a. what is dictionary?
- b. what are set ?
- c. Explain decision making statements with example.
- d. Explain typeconversion
- e. Explain functions with example.

Q.6 Attempt any TWO

12Marks

- a. Write a program using print and assignment statements.
- b. Enlist set functions
- c. Explain in detail built-in libraries.