



## GOVERNMENT POLYTECHNIC MUMBAI

EVEN TERM: 2024-25

## UNIT TEST : I

## PROGRAMME: INFORMATION TECHNOLOGY

COURSE NAME: PYTHON PROGRAMMING  
SEMESTER: 4TH  
SHIFT: BOTH SHIFTS

COURSE CODE: IT23201  
Class-SECOND YEAR  
MAX MARKS: 20 TIME: 1 Hr

Q 1) Attempt the following

(3x2=06)

- a) Enlist features of python programming (CO1,R)
- b) Define findall() method with example. (CO4,R)
- c) State syntax of for loop with example. (CO2,R)

Q 2 ) Attempt the following

(4x2=08)

- a) Explain function return multiple values with example (CO  
OR  
2,U)

a) Develop program for default and keyword argument with example . (CO2 ,U)

- b) Define List data type and explain following operations on List with example (CO1,U)  
1) append 2) pop 3) slicing ~~4) sort~~  
OR

- b) Define Dictionary with example and demonstrate following operations on dictionary  
2) Insert new element 2) delete the element (CO 1,U)  
3) print dictionary

(3x2=06)

Q 3) Attempt any two of following

- a) Develop Regular Expression to retrieve all word with minimum 3 char length. (CO4,U)

- b) Write a program to display given number is Armstrong number. (CO2 ,A)

- c) Develop program to print prime numbers from 1 to 20. (CO2 ,A)

CO	R	U	A	TOTAL
CO1	02	08		10
CO2	02	08	06	16
CO4	02	03		05
TOTAL	06	19	06	31