PYTHON UNITWISE QUESTION BANK
UNIT 1 - INTRODUCTION TO PYTHON

2 marks
1) What is python . Who developed it
2) List features of python
3) what is a python script and command
4) Why is indentation necessary in python?
5) List some python IDE's
6) What is IDLE? List the features of IDLE
7) Give examples on different ways of writing comments in python
8) define scalar and non-scalar objects in python
9) what is the purpose of identity and membership operators
10) List some python libraries
11) how to import a library in python
12) what is the purpose of continue statement

4 or 5 marks:
1) Briefly explain the features of python
2) Differentiate between java and python
3) What is a variable? Write the rules to define variables in python.
4) Explain with syntax the different branching statements in python (if, elsif etc.)
5) Explain with syntax the different looping statements in python (while,for)
6) Explain for loop using range function with an example
7) Describe any 5 built in functions available in python

UNIT 2 - EXCEPTION HANDLING , FUNCTIONS AND STRINGS

2 marks
1) Define exception and error
2) Write the syntax to define a function
3) define fruitful and void function
4) what is tuple unpacking
5) what are default parameters

4 or 5 marks
1) write a note on exception handling mechanism
2) Explain the syntax to define a user define function. Give example
3) Write a python script to demonstrate any 5 string handling functions
4) Explain recursive function in python
5) Write a note on keyword arguments and default arguments
6) Explain string indexing, slicing and splitting with examples
7) Write a python script to find Fibonacci series using recursion
8) write a python script to check if a string is palindrome