K.S.R.COLLEGE OF ENGINEERING (Autonomous),
TIRUCHENGODE – 637215
DEPARTMENT OF CSE
Year: / Sem: II /III   Subject: 18CS043/Python Programming
Cycle Test – 1   Marks: 25

Part A

1. What is meant by python programming?
2. List the features of python.
3. What are the applications of python?
4. Why python is called as an interpretable programming?
5. Compare functions and anonymous functions.

Part B

6. Explain in detail about various types of operators.
7. Write short notes on functions with an example.

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Year: / Sem: II /III   Subject: 18CS043/Python Programming
Cycle Test – 1I   Marks: 25

Part A

1. Why tuple is called as an immutable in python?
2. Define Anonymous function?
3. How exceptions are handled in python?
4. Compare modules and packages.
5. List the common exception error in python.
Part B

6. Briefly discuss in detail about list, tuples and dictionaries in python.
7. Explain the use of try and catch block in python with its syntax. Also list the standard exceptions in python.
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Cycle Test – 1II   Marks: 25

Part A

1. What is meant by duck typing?
2. Write the syntax for inheritance and polymorphism.
3. How to create object in python?
4. Define method overriding in python.
5. What is the use of Get and Set Attributes in Python?
Part B

6. How to create a class and use it in a python program explain with an example.
7. Briefly discuss about operator overloading and overriding in python.

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Year: / Sem: II /III   Subject: 18CS043/Python Programming
Assignment -4   Marks: 25

Part A

1. What is a text file?
2. Write the syntax of file open function in python.
3. List the different modes of opening a file.
4. Write a python program that writes "Hello world" into a file.
5. What is a file object?

Part B

6. Explain various file I/O operations of python..
7. Briefly describe CSV and JSON file format

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Year: / Sem: II /III   Subject: 18CS043/Python Programming
Assignment -5   Marks: 25

Part A

1. What is the use of Tkinter?
2. List the procedure for creating a GUI application using Tkinter
3. Mention the major widgets of Tkinter?
4. How to create events in python?
5. How sockets are created in python?
Part B
6. Explain about Tkinter and write python script for calculator.
7. Write a python code for CGI programming.

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