BACHELOR OF COMPUTER APPLICATION (W.E.F. 2019) Examination

April-2023

CS-33 PROGRAMMING IN PYTHON

Faculty Code :

Subject Code : 003-2036003

Time : 2.5Hours]　　　　　　　　　　　　　　　　　　　　　　　　　[Total Marks : 70

1　(a) Attempt the following :　　　　　　　　　　　　　　　　　　4
　　1　Who is the developer of python?
　　2　Which special character used for new line
　　3　Python command are evaluated/executed in_____
　　4　The _____symbol is to set single line comment in python

　(b) Attempt any one :　　　　　　　　　　　　　　　　　　　　2
　　1　Explain tuple with example
　　2　What is global variable?

　(c) Attempt any one :　　　　　　　　　　　　　　　　　　　　3
　　1　Explain Branching Statement in python
　　2　Explain Dictionary in detail with example

　(d) Attempt any one :　　　　　　　　　　　　　　　　　　　　5
　　1　Explain iteration statements in python
　　2　Explain list in details with example

2　(a) Attempt the following :　　　　　　　　　　　　　　　　　　4
　　1　The python _____statement forces a specified exception to occur
　　2　ELSE keyword is used in exception Handling in python (True/False)
　　3　_____exception catch all exception in python
　　4　partition and exchange sort is _____

　(b) Attempt any one :　　　　　　　　　　　　　　　　　　　　2
　　1　Explain assertions in python
　　2　Explain class in python

1

(c) Attempt any one :
1   Explain Hash Table with example
2   Explain Bubble sort in python

(d) Attempt any one :
1   What is inheritance?Explain any two with example
2   Explain Handing Exception in python

3   (a) Attempt the following :
1   Knapsack problem is also known as _____problem
2   _____method display the graphical window on the computer screen
3   When stores PyLab Figure ,Default extension_____
4   Which function is used to save plot graph to file?

(b) Attempt any one :
1   Explain show () function in python
2   Explain legend () function in python

(c) Attempt any one :
1   Explain divide and conquer in detail.
2   Explain Fibonacci sequence

(d)Attempt any one :
1   Explain 0/1 knapsack algorithm with example
2   Explain plotting Morgages in python

4   (a) Attempt the following :
1   URL stand for _____
2   UDP stand for _____
3   TCL stand for _____
4   TCP/IP stand for _____

(b) Attempt any one :
1   Write a code for download an image from internet
2   Explain Button with example

(c) Attempt any one :
1   Explain Sending a simple mail with example
2   Explain Entry Fields with example

(d) Attempt any one :   5

1   What is a dialog?Explain all with example

2   Explain File server and file Client with example

5   (a) Attempt the following :   4

1   SQL stand for_____

2   Which package used to connect Mysql database in python code?

3   List out connection () function parameters.

4   Which method of cursor class is used to fetch only one row from the table?

(b) Attempt any one :   2

1   Write a python code to inserting record in the table

2   Write a python code to deleting record in the table

(c) Attempt any one :   3

1   Write a python code to verifying the MySQL dB interface Installation.

2   Write a python code to retrieving all rows from a table

(d) Attempt any one :   5

1   Write s python code to creating Python database and student table like
    grno,name,address,std and birth date through python

2   Write a python code to read grno form the user and update that record otherwise give
    message "grno is not available"