

[153]



SEAT NO: _____

No. of Printed Pages : 02

SARDAR PATEL UNIVERSITY
B. Sc. SEMESTER-VI EXAMINATION
COMPUTER SCIENCE

US06CCSC23: PYTHON PROGRAMMING

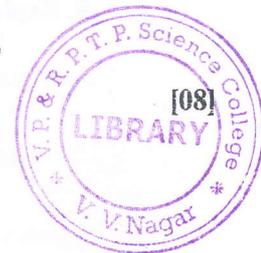
Date: 06/04/2022, Wednesday Time: 03:00pm to 05:00pm Total Marks:70

Q.1 Multiple choice of Question: [10]

- Which of the following operators is the correct option for power(ab)?
a) $a \wedge b$ b) $a^{**}b$ c) $a \wedge \wedge b$ d) $a \wedge * b$
- What happens when '2' == 2 is executed?
a) False b) Ture c) ValueError occurs d) TypeError occurs
- Which of the following is not a keyword in Python language?
a) val b) raise c) try d) with
- Which of the following will give "Simon" as output?
If str1="John,Simon,Aryan"
A. print(str1[-7:-12]) B. print(str1[-11:-7])
C. print(str1[-11:-6]) D. print(str1[-7:-11])
- Which of the following statements can be used to return the length of the given String, str?
A. size(str) B. len(str) C. str.size() D. str._len()
- If return statement is not used inside the function, the function will return:
A. None B. 0 C. Null D.Arbitrary value
- Which of the following functions displays a file dialog for saving a file?
A. tmpfile = askopenfilename() B. tmpfile = openfilename()
C. tmpfile = asksaveasfilename() D. tmpfile = saveasfilename()
- Which of the following functions do you use to write data in the binary format?
A. write B. output C. dump D. send
- Which statement is used to create the new table?
A. CREATE B. CREATE TABLE C. TABLE D. NONE
- Which statement is used to update the table?
A. ALTER B. ALTER TABLE C. TABLE D. NONE

Q.2 Fillup the blanks or True/False.

- _____ is the correct extension of the Python file.
- In _____ language is Python written
- _____ keyword is use for function.
- _____ is called when a function is defined inside a class.
- outfile = open("c:\\temp.txt", "rb+") command is used to open a file "c:\\temp.txt" for reading in binary format only. [True / False]
- The readlines() method returns a list of lines. [True / False]
- In SQL, a particular row is represented by row. [True / False]
- fetchall() method is used to get the data in form of rows. [True / False]



P.T.O.

Q.3 Answer the following questions in SHORT (Any 10):

[20]

1. Explain Pass Statement.
2. What are docstrings in Python?
3. What is the difference between Python Arrays and lists?
4. Explain repetition of string.
5. Give syntax of rfind().
6. Explain format() syntax.
7. Explain different methods (Modes) for opening a file.
8. Explain syntax for search and replace.
9. Explain findall() and split() function.
10. Explain rollback() method with syntax.
11. Explain how to read specific columns from database with example.
12. Explain the use of ORDER BY clause with example.



Q.4 Answer the following questions in LONG (Any 4):

[32]

1. Explain str, bytes and bytearray sequences in python with example.
2. Explain If, If...Else and if ... elif ... else statements with example.
3. Describe dictionary with example.
4. Describe different tuple methods with proper example.
5. Explain CSV file with quotes and delimiter as pipe().
6. Explain writing dictionary into csv file with example.
7. Explain the join operation in detail.
8. Explain how to create cursor with example.

== X == X ==