2111000103030002
B.C.A (Sem –III)
Examination July – 2023
Data Base Handling Using Python

Seat No:

Student's Signature

[Time: Three hours]   **[Max. marks: 70]**
Instruction: i) All questions are compulsory.

Q.1   Answer in brief (any 7)   **14**
1. Define SQLite Afinity.
2. What do you mean by dot commands? Give example.
3. What is the use of .header command?
4. Write the command to Get the date of the coming Tuesday.
5. What is a package?
6. What is the use of strftime function?
7. What is the difference between readline() and readlines()?
8. Which is the library used to plot the graphs? give any one plotting function.
9. What is the use of the legend?
10. How can multiple graphs can be plotted in python?

Q.2   A) Answer the following any 2:   **8**
1. What do you mean by dumping? How to dump an entire SQLite database to a text file?
2. Write a note on the modules of the OS.
3. Differentiated between import and from statement.

B) Answer the following any 2:   **8**
1. Differences between SQL and SQLite
2. Explain the pointer handling function of file in python
3. Compare #include of 'C' language with Python's import statement.

Q.3   A) Answer the following any 2:   **8**
1. Write a note on the data integrity constraints
2. Explain the SQLite parameterized query with suitable example.
3. Write a note on the statistical functions of pandas

B) Answer the following any 2:   **8**
1. What is cursor? When we need to use cursor in Python? Explain with Example.
2. Write a note on triggers in SQLite

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3. Explain the transaction and the commands used to handle transaction

Q.4   Answer the following any 2:   **14**
1. In how many ways the graph can be plotted using the matplotlib. Give syntax and examples of each.
2. Write the steps to work with the SQLite database in python.
3. Give Commands to fetch the record of the data frames
4. Explain exception handling in python.

Q.5   Attempt any two: **10**
1. Create table supplier (sup_id, mobile, city) using cursor.
2. Insert the records in the supplier table using the python script.
3. Display all the records of the supplier table using the python script.
4. Update the record of the supplier passed as argument to the module in python.

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