

RAN-2211000306026002

T.Y.B.Sc. (Computer Science) (Semester-VI) Examination March - 2026 Paper-602 - Python Programming-2 (Old)

[Total Marks: 50]

સૂચના : / Instructions (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવર્તી પર અવશ્ય લખવી. Fill up strictly the above details on your answer book.	Seat No.: <table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table> Student's Signature						

Q-1. Answer the following questions in short. (Any Seven) 14

- 1) What is Tkinter and why is it used in Python programming?
- 2) What is the finenkom used to read a CSV file in Python, and what parameters can you specify?
- 3) What are the differences between Flask and Django frameworks?
- 4) Whm is PYTHONPATH?
- 5) What is the connect() method used for in the sqlite3 module?
- 6) What is the purpose of the @app.route() decorator in Flask?
- 7) What is the use of the cursor() method in database operations using sqlite3?
- 8) How can you declare a global variable inside a function in Python?
- 9) What is the purpose of the commit() method in the sqlite3 module?
- 10) How can you use the execute() method to create a new table in an SQLite database? Provide an example.

Q-2. Write answers the followings in details. 12

- 1) Explain how to create a basic desktop application using Tkinter. Write a simple example code to create a window with a button.
- 2) What are the key features of the Django framework? How does it help in web development?

OR

- 1) What is the purpose of the 'pack()' method in Tkinter, and how does it differ from the grid() method?
- 2) Describe the attributes of Tkinter widgets and how they can be customized to enhance the user interface.

Q-3. Write answers the followings in details. 12

- 1) State the advantages and disadvantages of using Flask.
- 2) Discuss the key components involved, such as routing, request handling, and templating in Flask.

OR

- 1) Describe the process of dumping an entire SQLite database into a file using Python. Include the necessary commands or functions.
- 2) Write detail note on CSV file Handling.

Q-4. Write answers the followings in details. 12

- 1) How can you create your own module in Python? Provide a simple example.
- 2) Describe how to fetch data from a database table using a cursor object in Python.

OR

- 1) How do you create a package in Python? Provide a brief example?
 - 2) Write code to insert, update and delete record into SQLite database using execute () method.
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