Program: BBA (Computer Application)   **Semester: V**   **SET:**
Program (Specific): BBACA07   **Course Type:**
Class: T.Y.B.B.A.(C.A)   **Max .Marks: 70**
Name of the Course : Python
Course Code: 24-BBACA354   **Time: 3Hr**
Paper:

Instructions to the candidate:

1) *There are 4 sections in the question paper. Write each section on separate page.*
2) *All Sections are compulsory.*
3) *Figures to the right indicate full marks.*
4) *Draw a well labelled diagram wherever necessary.*

Section A

Q1) Answer the following   **[10 x 1 =10 M]**

1. Which of the following operators is the correct option for power(ab)?
   a. a ^b   b . a**b   c. a^^b   d. a^*b
2. TKinter tool in python provides the _____
   a. Database   b. OS commands   c. GUI d. All of the above
3. XGBoost stands for_____
   a. Extreme Google Boost   b. Extreme Gradient Boost

   c. Extended Gradient Boost   d. External Gradient Boost

4. ____ fuction adds a subplot to the current figure.
   a. Line()   b. draw()   c. plot()   d. subplot()
5. -----------is used to create an object.
   a. Constructor   b. class

    c. User-defined functions   d. In-built constructor

6. Which command is used to show assertion condition in the program ?
   a. Assert   b. Try   c. Finally   d .Raise
7. Which of the following module to create random float number ?
   a. Randint()   b. Uniform()   c. Random()   d. randrange()
8. Which of the following is not a type of inheritance?
   a. Double-level   b. Multi-Level   c. Single   d. Multiple
9. Which of the following is invalid Tkinter widgets?
   a. Button   b. Text   c. ColorPicher d. Entry
10. Which block lets you test a block of code of errors?
    a. Try   b. except   c. finally   d. None of the above

Section B

Q.2] Answer the Following. (Any 10) [10x1 =10 M]

1. What is module?
2. What is the use of import statement?
3. State the use of keras.
4. What is the syntax of class?
5. What is run time error?
6. What is class variable?
7. Name the different widget available in Tkinter.
8. State the advantage of function.
9. What is object?
10. Explain except block.
11. Explain replace() function in string.
12. How to add a value in a dictionary?

Section C

Q3) Answer the following. (Any 4) [5x4=20 M]

1. Write short note on NLP.
2. Write a steps to create GUI application.
3. Explain Built-in data types in python.
4. Perform the following:

    i)   Create an empty dictionary.

    ii) Add a key-value pair to the created dictionary.

    iii) Update the value of an existing key in the dictionary.

    iv) Delete a key-value pair from the dictionary.

    v)   Clear all the entries from the created dictionary.

5. Explain try-finally clause.
6. What is module in python ? Write steps to create a module.

Section D

Q4) Answer the Following (Any 4). [5x4=20M]

1. Is the following code valid (Explain in details)

   ```
   try:
           #do something
   except:
           #do something
   finally:
           #do something
   ```

2. Explain Button in Tkinter.
3. Explain Calendar module.
4. Write Standard built-in exception.
5. Write a python program for Counting the number of students using more objects of a class.