

## B2 - SET - B

### PART A 10 X 1 = 10 Marks

1. Essential factor to make a window screen using tkinter python?
  - a. Create a label
  - b. call tk() function**
  - c. geometry functions
  - d. both a and c
2. sqlite2 query to modify the record is
  - a. modify
  - b. insert
  - c. update**
  - d. delete
3. Among the following which is not the valid widget in tkinter
  - a. checkbox**
  - b. Toplevel
  - c. Entry
  - d. Radiobutton
4. execute\_query(a,b), which one is the correct representation of a and b
  - a. a is the connection object, b is the query string**
  - b. a will return the tuples, b is the connection object
  - c. a is the query string, b is the object for mysql
  - d. a is the mysql object, b is the insert query string
5. For fetch the data, which function we use to run the select query?
  - a. fetch()
  - b. rawquery()
  - c. executequery()
  - d. execute()**
6. What does the Thread.join() method do?
  - (a) Adds the thread to a pool
  - (b) Merges two threads into one
  - (c) Waits for the thread to finish**
  - (d) Restricts access to a resource
7. Which synchronization method is used to guard the resources with limited capacity, e.g. a database server?
  - a. Lock
  - b. Condition
  - C. Semaphore**

d. Event

8. How does global value mutation used for thread-safety?

- a. via multiprocessing
- b. Via locking
- c. Via GIL ( Global Interpreter Lock)**
- d. via Mutex

9. Create a lambda function that takes one parameter (a) and returns it.

- A. x = lambda a:a**
- B. x = lambda a
- C. x = lambda
- D. x = lambda a:a lambda

10. What will be the output of the following Python code?

```
from functools import reduce
def do_sum(x1, x2):
    return x1 - x2
print(reduce(do_sum, [1, 2, 3, 4]))
```

- a. 8
- b. -8**
- c. -7
- d. -9