

B2- SET A

Part A (10*1=10)

1) A function might modify a global variable or static variable, modify one of its arguments, raise an exception, write data to a display or file, read data.” What does this statement is discussing?

a) Side effect (ans)

b) lazy evaluation

c) closure

d) Referential Transparency

2) Which of the following method used to terminate the running thread?

a) join()

b) wait()

c) release() (ans)

d) notify()

3) What is the output of the following code?

b=1

def func(a):

 return(a**3)

b= func(b)**3

print(func(b))

a) 1

b) 3 (ans)

c) 9

d) 27

4) Which of the following is a not valid widget in tkinter?

a) Checkbox

b) Toplevel

c) Entry

d) Radiobutton

5) Which of the following is a valid syntax to clear the entry widget?

a) entry.delete(0,tk.END)

b) entry.delete(ALL=“”)

c) entry.delete(ALL=0)

d) entry.delete(0,END) (ans)

6) Choose the syntax which map the button events and its event handler(fun) for a python button widget with object b1?

a) b1.bind(<Button1>,fun)

b) b1 = tk.button(root,text="btn" event=fun)

c) b1.config(commman=fun)

d) b1.bind('<Double-1>', fun) (ans)

7) What does a threading.Lock do?

a) Pass messages between threads

b) Allow only one thread at a time to access a resource (ans)

c) Synchronize threads

d) Wait until a thread is finished

8. What does the Thread.join() method do?

a) Merges two threads into one

b) Restricts access to a resource

c) Waits for the thread to finish (ans)

d) Adds the thread to a pool

9. Function involving Reading files, using global data, random number are referred to as

a) First-order function

b) Higher-order function

c) impure function

d) closure function

10) What Choose the sqlite command to retrieve the second largest salary from the work table?

a) conn.execute("select max(salary) from work where worker_id not in(select max(salary) from work)") (ans)

b) conn.execute("select max(salary) from work where worker_id > (select max(salary) from work)")

c) conn.execute("select large(salary) from work where worker_id not in(select large(salary) from work)")d

d) conn.execute("select salary < max(salary) from work where worker_i")