



Date: 13-06-2025

MONTHLY TEST-01 (2024-2025)

Max marks:20

Grade: XII

COMPUTER SCIENCE (083)

Time:50 min

SECTION A

- | | | |
|-----------|--|----------|
| 1. | Choose the correct possible answer(s)
A=random.randint(1,5)
B=random.randint(1,3)
C=random.randint(2,6)
print(A,B,C)

a. 2 1 3 b. 4 4 4 c. 5 3 5 d. 3 3 3 | 1 |
| 2. | Choose the correct answer
math.ceil(4.5867)

a. 5 b.5.0 c. 4 d. 4.0 | 1 |
| 3. | Which of the following is not a function/method of the random module in python.

a. randfloat() b. randint() c. random() d. randrange() | 1 |
| 4. | What is the output of the following function:

len(['hello',2,4,6])

a. Error b. 4 c. 3 d. 6 | 1 |
| 5. | Assertion: def is the keyword used to define all the functions used in python.
Reason: Python has both built-in and user defined function

a) Both A and R are true and R is the correct explanation for A
b) Both A and R are true and R is not the correct explanation for A
c) A is True but R is False
d) A is false but R is True | 1 |

SECTION B

- | | | |
|-----------|---|----------|
| 6. | Re-write the python code and underline the corrections.
s="welcome"
def change(T)
T="Hello"
print(T end="@")
Change(s)
print(s) | 2 |
|-----------|---|----------|

7.	Predict the output <pre> def update(X=10): X+=15 print("X= ",X) X=20 update() print("X= ",X) </pre>	2
	SECTION C	
8.	Find and write the output of the following python code: <pre> def message(): Msg="CompuTer" Msg1="" for i in range(0, len(Msg)): if Msg[i].isupper(): Msg1=Msg1+Msg[i].lower() elif i%2==0: Msg1=Msg1+'*' else: Msg1=Msg1+Msg[i].upper() message() print(Msg1) </pre>	3
9.	Find and write the output of the following python code: <pre> def fun1(s): k=len(s) m="" for i in range(0,k): if(s[i].isupper()): m=m+s[i].lower() elif(s[i].isalpha()): m=m+s[i].upper() else: m=m+'bb' print(m) fun1("school2@com") </pre>	3
10.	a. Write a python program to print reverse of a number using function. b. Write a python program to find greater number between two numbers. The function should take 2 numbers as parameters.	2.5X 2=5