







Date: 01/10/2024  
Grade: XI

Term-I Examination(2024-2025)  
Computer Science(083)

Max.Marks:70  
Time: 3 hours

SECTION A

1.	c. $a+b=C$	1
2.	c. Keyword	1
3.	b. float	1
4.	b. True or False	1
5.	b. 3.0	1
6.	a. 40	1
7.	b. 55.5	1
8.	c. <pre>if(a&gt;b):     a++     b--</pre>	1
9.	a. c stores the smallest value between a and b	1
10.	d. 14	1
11.	a. 2	1
12.	c. PythonPythonLanguage	1
13.	a. Program	1
14.	True	1
15.	b. Algorithm	1
16.	d. Debugging	1
17.	c. @book	1
18.	c.%	1
19.	a. Looping	1
	<b>Q20 and 21 are ASSERTION AND REASONING based questions. Mark the correct choice as</b> 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	
20.	a. Both A and R are true and R is the correct explanation for A	1
21.	b. Both A and R are true and R is not the correct explanation for A	1
<b>SECTION B</b>		
22.	<b>To=30</b> <b>for k in range(0,To):</b> <b>    if k%4==0:</b> <b>        print(k*4)</b> <b>    else:</b> <b>        print(k+3)</b>	2

23.	e	2
24.	<ul style="list-style-type: none"> <li>a. string</li> <li>b. complex</li> <li>c. list</li> <li>d. set</li> </ul>	2
25.	<pre>n=int(input("Enter a limit")) print("welcome"*n)</pre>	2
26.	<p>Draw the symbols for the following.</p> <ul style="list-style-type: none"> <li>a. Processing </li> <li>b. Start/Stop </li> <li>c. Input/Output </li> <li>d. Decision making </li> </ul>	2
27.	<p>Write a program to swap two numbers.</p> <pre>A=15 B=65 A,B=B,A print(A,B)</pre>	2
28.	<p>Write a program for the given output(Should read all the required data) The output will be:</p> <pre>N=input("Enter a name") A=int(input("Enter age")) C=input("Enter course") print("Name: ",N) print("Age: ",A) print("Course: ",C)</pre>	2
<b>SECTION C</b>		
29.	<p>a=30,b=20,c=30?</p> <ul style="list-style-type: none"> <li>a. False</li> <li>b. True</li> <li>c. False</li> </ul>	3
30.	<p>Write a program to print factorial of a number entered by the user.</p> <pre>n = 5 fact = 1 i = 1 while i &lt;= n:     fact *= i     i += 1 print(f"The factorial of ",n," is ",fact)</pre> <p style="text-align: center;">OR</p> <p>Factorial using for loop</p>	3

31.	Write an algorithm for finding the largest among two number. Draw a flow chart for the above program. Algorithm and flowchart should be in same style.	3
<b>SECTION D</b>		
32.	<p>a. for i in range(1, 6):     for j in range(6 - i):         print(i, end="")     print()</p> <p>b. n = 5     for i in range(1, n + 1):         for j in range(i):             print("*", end="")         print()</p>	4
33.	<p>a. Iam in else b. 131197</p>	2+2
34.	<pre>Age=int(input("Enter a age")) if(Age&gt;=18):     print("The person is Senior citizen") else:     print("The person is minor")</pre>	4
35.	Explain the components of a computer system with a neat diagram. (Draw the figure and explan)	4
<b>SECTION E</b>		
36.	<pre>number = int(input("Enter a number: ")) if number &gt; 500:     print("The number is greater than 500.") else:     if number &gt; 100:         print("The number is greater than 100 but less than or equal to 500.")     else:         if number &gt; 10:             print("The number is greater than 10 but less than or equal to 100.")         else:             print("The number is less than or equal to 10.")</pre>	5
37.	<p>a. char = input("Enter a character: ").lower()     if char in ['a', 'e', 'i', 'o', 'u']:         print(char," is a vowel.")     else:         print(char," is not a vowel.")</p> <p>b. for i in range(55, 101):     if i % 2 == 0:         print(i)</p>	3+2