



PANCHSHEEL PUBLIC SCHOOL

10+2 Senior Secondary School (Affiliated & Recognized by CBSE)
Jaitpur, Badarpur, New Delhi-44

Computer Science Revision Test 2023-24

Time: 2 hr

Subject: Computer Science

Class: XI

M. Marks: 50

Name:.....

Roll No

Section.....

1. Write down limitations of python. 1
2. What do you mean by free and open source language? 1
3. what will the following code do: $a=b=18$? 1
4. What are literals in python? 1
5. What is the difference between compiler and interpreter? 1
6. Write a program to take the input of students information and display it. 1
7. What is the output of following code: 1
Name = "Neha"
print("Name")
8. What is the error in following code: $x, y = 7$? 1
9. What are the rule for identifiers? 2
10. Write a program to calculate simple interest. 2
11. What is the difference between an expression and a statement in Python? 2
12. Python is free and open source language. What do you understand by this feature? 2
13. Define Demorgans both laws. 2
14. What are tautology and fallacy? 2
15. Draw two gates which used in circuit diagram. 2
16. What are operators? What is their function? Give examples 3
17. What is the difference between RAM and ROM. Write with the help of suitable examples? 3
18. Keshav spends too much time on internet. Explain him some side effects of spending too much time on computers? 3
19. Prepare the truth table for a. $X+(X.Y)$ b. $X' + Y'$ 3
20. Convert the given numbers into binary and vice versa: 4
a. 43_{10} b. 200_{10}
21. Write one line for given questions: 4
a. Why python is cross platform language.
b. What is the need of debugger tool?
c. Python is case sensitive. How?
22. Write a program to display area of rectangle and area of square according to user's choice with multiple if statements. 4
23. Draw a logic circuit diagram and truth table for $ab + bc + ca'$ 4