SHREE VALLABH ASHRAM'S MCM KOTHARI INTERNATIONAL GIRLS'
RESIDENTIAL SCHOOL, KILLA PARDI
PERIODIC TEST I - 2018-19

CLASS XI	INFORMATICS PRACTICES	M.M 50; TIME 3HRS
	20/07/18	

> ***Programming Language***: *Python*
> *Question Paper divided into 3 sections… viz.*
> *Section A contains 15 marks*
> *Section B contains 15 marks*
> *Section C contains 20 marks (Programming)*

SECTION A(15 MARKS)

Q1. Define Computer. — 1

Q2. Who was Python's developer and which two language contributed to Python as a programming language? — 2

Q3. What are the limitation of Python Programming language — 2

Q4. "Python is an interpreted high level language", What does it mean to you — 2

Q5. How many ways are there to work with Python? Mention them. — 1

Q6. What is the shortcut key to run Python Program — 1

Q7. Which of the following are not valid floating in Python? — 1

    (a) +96   (b) 15E05   (c) 12.58   (d) 0o25

Q8. What are variable? How are they important for a program — 3

Q9. Find out the error in the following cod fragment: — 2

    (i)   a,b,c=1,2,3

            print(a,b,c)

            c,b,a=a,b,c

            print(a:b:c)

    (ii)   else = 21-5

SECTION B (15 MARKS)

Q10. How many types of tokens are allowed in Python? Explain with help of an example. — 3

Q11. Write the output of the following: — 2

    X=10

    X=X+10

    X=X-5

    print(X)

    X,Y=X-1,22

    print(X,Y);

Q12. Predict an output of the following: 2

name="Prejith"

age=26

print("Your name and age are",name+age);

Q13. What is Dynamic Typing feature of Python? Mention its example 2

Q14. What will be returned by Python as result of the following: 3

(a) >>>type(0)

(b) >>>type('0')

(c) >>>type(float(0))

Q15. What will be the output of the following code: 2

(a) >>>str(print())+"One"

(b) >>>str(print("Hello"))+"One"

Q16. Find the errors in the following code fragment: 1

Y=X+5

print(X,Y)

SECTION C(20 MARKS) - PROGRAMMING

Q17. Write a program in Python to read and find out the cube of any number. 3

Q18. Write a program in Python to find The area of triangle. (*Hints, 0.5*base*height)* 3

Q19. Write a program in python to read marks of five different subject and find out 3

the total and average. (*Hints. Use input() function)*

Q20. Write a program to find out the third digits of any three digit number. 3

(*Use / and % operator)*

Q21. Write a program to find out the last digits of any three digit number.(*Use* 3

%(module operator)

Q22. Describe functional components of computer system with the help of diagram. 5