



SHREE VALLABH ASHRAM'S MCM KOTHARI INTERNATIONAL GIRLS'
RESIDENTIAL SCHOOL, KILLA PARDI

PERIODIC TEST – II, 2018-19

CLASS XIC

INFORMATICS PRACTICES (065)

M.M 70; TIME 3 HRS

29/10 /18

Instructions:

- ➔ All questions are compulsory
- ➔ Programming Language: Python and MySQL

SECTION A(15)

- Q1. What are keyword different from identifier? 1
- Q2. Who developed Python Programming Language? 1
- Q3. What is a cross-platform software? 1
- Q4. In how many different ways, can you work in Python 1
- Q5. Which of these is not a legal numeric type in Python?(a) int (b) float (c) decimal 1
- Q6. Find out the error of the following code fragment: 2
- (i) temperature=90
print temprature
- (ii) a,b,c=2,8,9
print(a,b,c)
c,b,a=a,b,c
print(a;b;c)
- Q7. Given str1="Hello", what will be the values of ? 1
- (a) str1[0]
(b) str1[-3]
- Q8. Write any two difference between implicit type conversion and explicit type conversion 2
- Q9. What will the result given By the following? 1
- (a) type(6+3)
(b) type(6/3)
- Q10. Given three Boolean variable a,b,c as a=False, b=True and c=False Evaluate the following Boolean Expression 1
- (a) b and c
(b) not((not b or not a) and c) or a
- Q11. Evaluate and justify: 1
- (a) $22/17 = 37/47+88/83$
(b) $\text{len}('375')^{**}2$
- Q12. What are the four elements of a while loop in Python? 2

SECTION B(40)

- Q13. Rewrite the following code fragment that saves on the number of comparisons 2
- ```
if(a==0):
 print("Zero")
if(a==1):
 print("One")
if(a==2):
 print("Two")
if(a==3):
 print("Three")
```
- Q14. What will be the output produced by following code? 2
- ```
a,b,c =1,1,2  
d=a+b  
e=1.0  
f=1.0  
g=2.0
```

```

h=e+f
print(c==d)
print(c is d)
print(g==h)
print(g is h)

```

- Q15. Find the error(s) 2
 Pi=3.14
 print(type(pi))
 print(type("3.14"))
 print(type(float("3.14")))
 print(type(float("three point fourteen")))
- Q16. Find out the output of the following code: 2
 x=1
 if x<3:
 if x>4:
 print("A",end=" ")
 else:
 print("B",end=" ")
 elif x<2:
 if (x!=0):
 print("C",end=" ")
 print("D")
- Q17. Find out the output of the following: 2
 x=10
 y=0
 while x>y:
 print(x,y)
 x=x-1
 y=y+1
- Q18. Find out the error of the following: 2
 if n==0:
 print("Zero")
 elif str(0)=="zero":
 print(0)
 elif str(0)=="0":
 print(str(0))
 else:
 print("none of the following")
- Q19. What is the output of the following: 2
 for i in range(4):
 for j in range(5):
 if i+1 ==j or j+i==4:
 print("+",end=" ")
 else:
 print("0",end=" ")
 print()
- Q20. Write a program In Python to find out the greatest number among any 3
 three values.
****Hints: If the numbers are 3,6 and 7 then the output will be 7 is largest**
- Q21. S=input("Enter any string") 2
 RS=""
 for ch in S:
 RS=ch+RS
 print(S+RS)

If the input is :Hello String” the find the output of the following code fragment

- Q22. Write a program in python that consider a string and count of vowels present in it. 3
- Q23. Predict the output of the following: 2

```
my_list=['p','r','o','b','l','e','m']
my_list[2:3]=[]
print(my_list)
my_list[2:5]=[]
print(my_list)
```
- Q24. Write a program to reverse an array of integers (in place) 3
For Example:
If the if the list contains.. [2,4,5,6,7] then the output will be [7,6,5,4,2]
- Q25. What is the difference between following two expressions, if lst is given as [1,2,3] 2
 (i) lst*3
 (ii) lst**3
- Q26. Write a query to display the name, title, salary of employee who do not have 'manager' 1
- Q27. Write a query to display the name of employee whose name contains 'M' as first alphabet 'L as third alphabet 1
- Q28. Write a SQL commands for The following on the basis of given table LIBRARY 5

NO	TITLE	AUTHOR	TYPE	PUB	QTY	PRICE
1	DATA STRUCTURE	LIPSCHUTZ	DS	MCGRAW	4	217
2	COMPUTER STUDIES	FRENCH	FND	GALGOTIA	2	75
3	ADVANCED PASCAL	SCHILD	PROG	MCGRAW	4	350
4	DBASE DUMMIES	PALMER	DBMS	PUSTAKM	5	130
5	MASTERING C++	GUREWICH	PROG	BPB	3	295
6	GUIDE NETWORK	FREED	NET	ZPRESS	3	200
7	MASTERING FOXPRO	SEIGAL	DBMS	BPB	2	135
8	DOS GUIDE	NORTON	OS	PHI	3	175
9	BASIC FOR BEGINNERS	MORTON	OROG	BPB	3	40
10	MASTERING WINDOW	COWART	OS	BPB	1	225

- (a) Select all the PROG type published by BPB from Library
 (b) Display a list of all books with Price more than 130 and sorted by Qty
 (c) Display all the books sorted by price in descending order
 (d) Display all the books whose title starts with 'M'
 (e) Display title, Author and price of all the books whose price in the range of 200 and 350
- Q29. Create table Department as per following Table Instance Chart 2

Column Name	DeptId	DeptName
Key Type	Primary	
Nulls/Unique		NOT NULL
Data Type	Number	VARCHAR
Length	2	20

- Q30. What are table constraints? 1
- Q31. Given List is 1
lst_num=[23,45,62,12,78,15]
 Write the code to remove third element from the above list and display the list.

SECTION C(15)

- Q32. Write a program to find simple interest based on principal amount ,rate and time 3
- Q33. Write a program, which read the string and convert each and every character into upper case character and store into list. for example:, if the string is "hello" then list will be ['H','E','L','L','O'] 3
- Q34. Write a program that inputs two lists and creates third, that contains all elements of the first followed by all elements of the second 3
- Q35. Write a program, which consider any list of numbers and find the sum of numbers those who are ends with even digit. 3
For example: if the elements are 24,13,55,31,80,91 then sum will be of 24 and 80
- Q36. Write a program to calculate the factorial of any given number 3