



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

**PERIODIC TEST-3, 2019-20**

**CLASS XIC**

**INFORMATICS PRACTICES (065)**

**M.M 50; TIME 1 HR**

**/12/19**

Instructions:

- 1) All questions are compulsory

**SECTION A (15 MARKS)**

- Q1. Define Data Redundancy. 1
- Q2. What is MySQL? What are its functions and features? 3
- Q3. Which keyword eliminates the redundant data from a query result? 1
- Q4. How would you display system date as the result of a query? 1
- Q5. Which operator concatenates two strings in a query result. 1
- Q6. Compare char and varchar data types of SQL 2
- Q7. Write a query to create a string from the ASCII values 70,65,67,69 1
- Q8. Display 4 characters extracted from 3<sup>rd</sup> left character onwards from string 'ABCDEFG' 1
- Q9. Write the query to find how many characters are there in string 'CANDIDE'? 1
- Q10. Write a query to remove leading and trailing spaces from string 'Bar One' 1
- Q11. Display first three left characters onwards from jobs of employees 8888 and 8900 1
- Q12. Write a query to display names 'MR OBAMA and 'MS GANDHI' into lowercase. 1

**SECTION B (25 MARKS)**

- Q13. Differentiate between DDL and DML commands. 2
- Q14. What do you mean by views? 1
- Q15. What do you understand by MySQL Client? 2
- Q16. Define Data Dictionary 1
- Q17. **Table Name: Empl** 3

Eno	Ename	Job	Mgr	Hiredate	Sal	Comm	deptno
8369	SMITH	CLERK	8902	1990-12-18	800	NULL	20
8499	ANYA	SALESMAN	8698	1991-02-20	1600	300	30
8521	SETH	SALESMAN	8698	1991-02-18	1250	500	30
8566	MAHADAVAN	MANAGER	8839	1991-04-02	2985	1400	30
8654	MOMIN	SALESMAN	8698	1991-09-28	1250	100	20

Write the following query based on the above table.

- Display all the columns of the table
  - Arrange all the information according to the Date of Hired in ascending order
  - Display all the details of all employee whose salary is more than 1000
  - Display the details of employee whose comm is empty.
- Q18. Write a program to find maximum of 3 numbers using nested if..else statement. 3
- Q19. Write a program to consider names and marks, then calculates grades as per 3

marks (as per guidelines below)

marks  $\geq 90$  grade A+

marks 70-90 grade A

marks 60-70 grade B

marks 50-60 grade C

marks 40-50 grade D

marks  $< 40$  grade F

- Q20. What is the differentiate between degree and cardinality? 2
- Q21. Write any two-assignment statement to assign float and string value. 2
- Q22. Write a program to input age of a person and print message "Eligible to Vote" if age is more than 18 otherwise print message "not eligible to Vote". 2
- Q23. Write a program to check whether the entered number by user is even or odd. 2
- Q24. Rewrite the following program after finding and correcting syntactical errors and underlining it. 2
- ```
a, b = 0
if (a = b)
a +b = c
print z
```

#### SECTION C(10 MARKS)

- Q25. (i) What is the difference between DROP COLUMN and DROP TABLE in SQL? 5
- (ii) Write short note on Primary key
- (iii) Write the command to remove column from the table
- Q26. Write a menu based program to write the following programs 5
- (i) To find the area of circle
- (ii) To find the area of triangle