Database Management System – I Practical List
Practical – 8, 9 Task

8	**Logical and Character Operators** **PART A:** 1. Display the product name which has product price > 15000 and rating < 3.5 **(A)** 2. Display the Customer name and ID who is either belongs from Rajkot or Morbi. **(A)** 3. Display the Order_ID and Datetime which has order < 10000 and Order status is Delivered. **(A)** 4. Display O_ID which has payment amount between 10000 to 30000. **(A)** 5. Display Product name and Price which Category ID is 201, 203, 204 using LOGICAL OR and LOGICAL IN Operator. **(A)** 6. Display the Product name and ID which first character is 'S'. **(A)** 7. Display the category name and ID which third last character is 'i'. **(A)** 8. Display the Product name and price which name end with 'le'. **(A).** 9. Display the O_I, C_ID which order date from 01-01-2022 00:00:00:000 to 28-02-2022 00:00:00:000. **(A)** 10. Display 'Product Name – Product Description' using concat. **(A)** **PART B:** 11. Display Customer name, Address and ContactNo who are neither from Rajkot nor Morbi using the NOT IN operator. **(B)** 12. Display P_ID, P_Name and P_Description which has rating between 3.0 to 4.5 **(B)** 13. Display the name of customer whose name consists 'i' in their name. **(B)** 14. Display Customer name using concat of First name and last name. **(B)** **PART C:** 15. Display the customer ID, name, and EmailId who is not from 'Rajkot' and 'Jamnagar'. **(C)** 16. Find products with stock quantity between 10 and 50. **(C)** 17. Display Customer_ID and Name and City who belongs from 'Rajkot' or 'Morbi' but not from 'Bhavnagar' or 'Jamnagar'. **(C)** 18. Retrieve all products except 'Laptop' and 'Mobile'. **(C)**
9	**Conversion and Date Function** **PART A:** 1. Write a query to convert a string '1234.56' to a number (Use CAST()). **(A)** 2. Write a query to convert a rating from float to integer. (Use CAST()). **(A)** 3. Write a query to convert a float 10.58 to an integer (Use CONVERT()). **(A)** 4. Display current DateTime. **(A)** 5. Write a query to convert a current date into dd/mm/yyyy format. (Use CONVERT()). **(A)** 6. Display the O_DateTime into Date (in MM-dd-yyyy format) using FORMAT function. **(A)** 7. Display the P_DateTime into Date (in MM/dd/yy hh:mm:ss tt format). **(A)** 8. Display the next date after 10 months. (Take today's date as a reference). **(A)** 9. Display the next date after 5 days. (Take today's date as a reference). **(A)** 10. Calculate the number of months between '202-08-20' and '2024-06-11'. **(A)** **PART B:** 11. Calculate the number of days between '2023-05-22' and '2023-05-31'. **(B)** 12. Calculate the hours difference between '2022-01-11 13:40:40:030' and '2022-01-17 13:30:30:030'. **(A)**

	13. Display the next date after 3 years. (Take today's date as a reference). **(B)** 14. Display S_ID and S_DateTime (in dd MMM yyyy hh:mm:ss tt format). **(B)** **PART C:** 15. Display the next hours after 2 hours. (Take today's date and time as a reference). **(C)** Calculate your age on the basis of your DOB using the DATEDIFF Function. **(C)**