**1.** Write a SQL statement to display all the information of all salesmen.

*Sample table*: salesman

salesman\_id name city commission

----------- ---------- ---------- ----------

5001 James Hoog New York 0.15

5002 Nail Knite Paris 0.13

5005 Pit Alex London 0.11

5006 Mc Lyon Paris 0.14

5003 Lauson Hen 0.12

5007 Paul Adam Rome 0.13

**2.** Write a SQL statement to display specific columns like name and commission for all the salesmen.

**3.** Write a query to display the columns in a specific order like order date, salesman id, order number and purchase amount from for all the orders.

*Sample table*: orders

ord\_no purch\_amt ord\_date customer\_id salesman\_id

---------- ---------- ---------- ----------- -----------

70001 150.5 2012-10-05 3005 5002

70009 270.65 2012-09-10 3001 5005

70002 65.26 2012-10-05 3002 5001

70004 110.5 2012-08-17 3009 5003

70007 948.5 2012-09-10 3005 5002

70005 2400.6 2012-07-27 3007 5001

70008 5760 2012-09-10 3002 5001

70010 1983.43 2012-10-10 3004 5006

70003 2480.4 2012-10-10 3009 5003

70012 250.45 2012-06-27 3008 5002

70011 75.29 2012-08-17 3003 5007

70013 3045.6 2012-04-25 3002 5001

**4.** Write a query which will retrieve the value of salesman id of all salesmen, getting orders from the customers in orders table without any repeats.

*Sample table*: orders

ord\_no purch\_amt ord\_date customer\_id salesman\_id

---------- ---------- ---------- ----------- -----------

70001 150.5 2012-10-05 3005 5002

70009 270.65 2012-09-10 3001 5005

70002 65.26 2012-10-05 3002 5001

70004 110.5 2012-08-17 3009 5003

70007 948.5 2012-09-10 3005 5002

70005 2400.6 2012-07-27 3007 5001

70008 5760 2012-09-10 3002 5001

70010 1983.43 2012-10-10 3004 5006

70003 2480.4 2012-10-10 3009 5003

70012 250.45 2012-06-27 3008 5002

70011 75.29 2012-08-17 3003 5007

70013 3045.6 2012-04-25 3002 5001

**5.** Write a SQL statement to display names and city of salesman, who belongs to the city of Paris.

*Sample table*: salesman

salesman\_id name city commission

----------- ---------- ---------- ----------

5001 James Hoog New York 0.15

5002 Nail Knite Paris 0.13

5005 Pit Alex London 0.11

5006 Mc Lyon Paris 0.14

5003 Lauson Hen 0.12

5007 Paul Adam Rome 0.13

**6.** Write a SQL statement to display all the information for those customers with a grade of 200.

*Sample table*: customer

customer\_id cust\_name city grade salesman\_id

----------- ------------ ---------- ---------- -----------

3002 Nick Rimando New York 100 5001

3005 Graham Zusi California 200 5002

3001 Brad Guzan London 5005

3004 Fabian Johns Paris 300 5006

3007 Brad Davis New York 200 5001

3009 Geoff Camero Berlin 100 5003

3008 Julian Green London 300 5002

3003 Jozy Altidor Moscow 200 5007

**7.** Write a SQL query to display the order number followed by order date and the purchase amount for each order which will be delivered by the salesman who is holding the ID 5001.

*Sample table*: orders

ord\_no purch\_amt ord\_date customer\_id salesman\_id

---------- ---------- ---------- ----------- -----------

70001 150.5 2012-10-05 3005 5002

70009 270.65 2012-09-10 3001 5005

70002 65.26 2012-10-05 3002 5001

70004 110.5 2012-08-17 3009 5003

70007 948.5 2012-09-10 3005 5002

70005 2400.6 2012-07-27 3007 5001

70008 5760 2012-09-10 3002 5001

70010 1983.43 2012-10-10 3004 5006

70003 2480.4 2012-10-10 3009 5003

70012 250.45 2012-06-27 3008 5002

70011 75.29 2012-08-17 3003 5007

70013 3045.6 2012-04-25 3002 5001

**8.** Write a SQL query to Show all the details (year, subject, winner, country ) of the Chemistry prize winners between the year 1965 to 1975 inclusive.

*Sample table*: nobel\_win

YEAR SUBJECT WINNER COUNTRY CATEGORY

---- ------------------------- --------------------------------------------

1970 Physics Hannes Alfven Sweden Scientist

1970 Physics Louis Neel France Scientist

1970 Chemistry Luis Federico Leloir France Scientist

1970 Physiology Ulf von Euler Sweden Scientist

1970 Physiology Bernard Katz Germany Scientist

1970 Literature Aleksandr Solzhenitsyn Russia Linguist

1970 Economics Paul Samuelson USA Economist

1970 Physiology Julius Axelrod USA Scientist

1971 Physics Dennis Gabor Hungary Scientist

1971 Chemistry Gerhard Herzberg Germany Scientist

1971 Peace Willy Brandt Germany Chancellor

1971 Literature Pablo Neruda Chile Linguist

1971 Economics Simon Kuznets Russia Economist

1978 Peace Anwar al-Sadat Egypt President

1978 Peace Menachem Begin Israel Prime Minister

1987 Chemistry Donald J. Cram USA Scientist

1987 Chemistry Jean-Marie Lehn France Scientist

1987 Physiology Susumu Tonegawa Japan Scientist

1994 Economics Reinhard Selten Germany Economist

1994 Peace Yitzhak Rabin Israel Prime Minister

1987 Physics Johannes Georg Bednorz Germany Scientist

1987 Literature Joseph Brodsky Russia Linguist

1987 Economics Robert Solow USA Economist

1994 Literature Kenzaburo Oe Japan Linguist

**9.** Write a SQL query to show all the details of the winners with first name Louis.

Refer the previous table

**10.** Write a SQL query to show all the winners in Physics for 1970 together with the winner of Economics for 1971.

Refer the previous table

**11.** Write a SQL query to show all the winners of nobel prize in the year 1970 except the subject Physiology and Economics.

Refer the previous table

**12.** Write a SQL query to find all the details of the nobel winners for the subject not started with the letter 'P' and arranged the list as the most recent comes first, then by name in order

Refer the previous table

**13.** Write a SQL query to calculate the average price of all products of the manufacturer which code is 16.

*Sample table*: item\_mast

PRO\_ID PRO\_NAME PRO\_PRICE PRO\_COM

------- ------------------------- ---------- ----------

101 Mother Board 3200 15

102 Key Board 450 16

103 ZIP drive 250 14

104 Speaker 550 16

105 Monitor 5000 11

106 DVD drive 900 12

107 CD drive 800 12

108 Printer 2600 13

109 Refill cartridge 350 13

110 Mouse 250 12

**14.** Write a SQL query to display the name and price of all the items with a price is equal or more than Rs.250, and the list contain the larger price first and then by name in ascending order.

*Refer the previous table*

**15.** Write a SQL query to display the average price of the items for each company, showing only the company code.

*Refer the previous table*

**16.** Write a SQL query to find the name and price of the cheapest item(s).

Refer the previous table

**17.** Write a query in SQL to find the last name of all employees, without duplicates.

*Sample table*: emp\_details

EMP\_IDNO EMP\_FNAME EMP\_LNAME EMP\_DEPT

--------- --------------- --------------- ----------

127323 Michale Robbin 57

526689 Carlos Snares 63

843795 Enric Dosio 57

328717 Jhon Snares 63

444527 Joseph Dosni 47

659831 Zanifer Emily 47

847674 Kuleswar Sitaraman 57

748681 Henrey Gabriel 47

555935 Alex Manuel 57

539569 George Mardy 27

733843 Mario Saule 63

631548 Alan Snappy 27

839139 Maria Foster 57

**18.** Write a query in SQL to find the data of employees whose last name is 'Snares'.

Refer the previous table

**19.** Write a query in SQL to display all the data of employees that work in the department 57.

Refer the previous table

**20.** Write a SQL statement to find the total purchase amount of all orders.

*Sample table*: orders

ord\_no purch\_amt ord\_date customer\_id salesman\_id

---------- ---------- ---------- ----------- -----------

70001 150.5 2012-10-05 3005 5002

70009 270.65 2012-09-10 3001 5005

70002 65.26 2012-10-05 3002 5001

70004 110.5 2012-08-17 3009 5003

70007 948.5 2012-09-10 3005 5002

70005 2400.6 2012-07-27 3007 5001

70008 5760 2012-09-10 3002 5001

70010 1983.43 2012-10-10 3004 5006

70003 2480.4 2012-10-10 3009 5003

70012 250.45 2012-06-27 3008 5002

70011 75.29 2012-08-17 3003 5007

70013 3045.6 2012-04-25 3002 5001

**21.** Write a SQL statement to find the average purchase amount of all orders.

*Refer the previous table*

**22.** Write a SQL statement to find the number of salesmen currently listing for all of their customers.

*Refer the previous table*

**23.** Write a SQL statement know how many customer have listed their names.

*Sample table*: customer

customer\_id cust\_name city grade salesman\_id

----------- ------------ ---------- ---------- -----------

3002 Nick Rimando New York 100 5001

3005 Graham Zusi California 200 5002

3001 Brad Guzan London 5005

3004 Fabian Johns Paris 300 5006

3007 Brad Davis New York 200 5001

3009 Geoff Camero Berlin 100 5003

3008 Julian Green London 300 5002

3003 Jozy Altidor Moscow 200 5007

**24.** Write a SQL statement find the number of customers who gets at least a gradation for his/her performance.

*Refer the previous table*

**25.** Write a SQL statement to get the maximum purchase amount of all the orders.

Refer the previous Orders table

**26.** Write a SQL statement to get the minimum purchase amount of all the orders.

Refer the previous Orders table

**27.** Write a SQL statement which selects the highest grade for each of the cities of the customers.

Refer the previous Customers table

**28.** Write a SQL statement to find the highest purchase amount ordered by the each customer with their ID and highest purchase amount.

Refer the previous Orders table

**29.** Write a SQL statement to find the highest purchase amount on a date '2012-08-17' for each salesman with their ID.

Refer the previous Orders table

**30.** Write a SQL statement to find the highest purchase amount with their ID and order date, for only those customers who have highest purchase amount in a day is more than 2000.

Refer the previous Orders table

**31.** Write a SQL statement to find the highest purchase amount with their ID and order date, for only those customers who have a higher purchase amount in a day is within the list 2000, 3000, 5760 and 6000.

Refer the previous Orders table

**32.** Write a SQL statement that count the number of salesmen for whom a city is specified

*Sample table*: salesman

salesman\_id name city commission

----------- ---------- ---------- ----------

5001 James Hoog New York 0.15

5002 Nail Knite Paris 0.13

5005 Pit Alex London 0.11

5006 Mc Lyon Paris 0.14

5003 Lauson Hen *Null* 0.12

5007 Paul Adam Rome 0.13

**33.** Write a SQL query to find the number of products with a price more than or equal to Rs.350.

*Refer the previous Item\_Mast table*

**34.** Write a query in SQL to find the number of employees in each department along with the department code.

Refer the previous emp\_details table

**35.** Write a SQL statement to prepare a list with salesman name, customer name and their cities for the salesmen and customer who belongs to the same city.

*Refer the previous* salesman table and customer table

**36.** Write a SQL statement to make a list with order no, purchase amount, customer name and their cities for those orders which order amount between 500 and 2000.

*Refer the previous* orders table and customer table

**37.** Write a SQL statement to know which salesman are working for which customer.

*Refer the previous* customer table andsalesman table

**38.** Write a SQL statement to find the list of customers who appointed a salesman for their jobs who gets a commission from the company is more than 12%.

*Refer the previous* customer and salesman table

**39.** Write a SQL statement to find the list of customers who appointed a salesman for their jobs who does not live in the same city where their customer lives, and gets a commission is above 12%.

*Refer the previous* customer table andsalesman table

**40.** Write a SQL statement to find the details of an order i.e. order number, order date, amount of order, which customer gives the order and which salesman works for that customer and how much commission he gets for an order.   

*Refer the previous* customer table, orders table and salesman table

**41.** Write a SQL statement to make a list in ascending order for the customer who works either through a salesman or by own.   

*Refer the previous* customer table and salesman table

**42.** Write a SQL statement to make a report with customer name, city, order no. order date, purchase amount for only those customers on the list who must have a grade and placed one or more orders or which order(s) have been placed by the customer who is neither in the list not have a grade.  

*Refer the previous* customer table and orders table

**43.** Write a SQL statement to make a cartesian product between salesman and customer i.e. each salesman will appear for all customer and vice versa.

*Refer the previous* customer table and salesman table

**44.** Write a SQL query to display all the data from the item\_mast, including all the data for each item's producer company.

*Sample table*: company\_mast

COM\_ID COM\_NAME

------ -------------

11 Samsung

12 iBall

13 Epsion

14 Zebronics

15 Asus

16 Frontech

*Sample table*: item\_mast

PRO\_ID PRO\_NAME PRO\_PRICE PRO\_COM

------- ------------------------- ---------- ----------

101 Mother Board 3200 15

102 Key Board 450 16

103 ZIP drive 250 14

104 Speaker 550 16

105 Monitor 5000 11

106 DVD drive 900 12

107 CD drive 800 12

108 Printer 2600 13

109 Refill cartridge 350 13

110 Mouse 250 12

**45.** Write a SQL query to display the names of the company whose products have an average price larger than or equal to Rs. 350.

Refer the previous item\_mast and company\_mast table

**46.** Write a SQL query to display the name of each company along with the ID and price for their most expensive product.

Refer the previous item\_mast and company\_mast table

**47.** Write a query to display all the orders from the orders table issued by the salesman 'Paul Adam'.

Refer the previous Salesman and Orders table

**48.** Write a query to display all the orders for the salesman who belongs to the city London.

Refer the previous Salesman and Orders table

**49.** Write a query to display all the orders which values are greater than the average order value for 10th October 2012.

Refer the previous Salesman and Orders table

**50.** Write a query to find all orders attributed to a salesman in New york.

Refer the previous Salesman and Orders table

**51.**Write a query to display the commission of all the salesmen servicing customers in Paris.

Refer the previous Salesman and Customers table

**52.** Write a query to find the name and numbers of all salesmen who had more than one customer.

Refer the previous Salesman and Customers table

**53.** Write a query to find all orders with order amounts which are above-average amounts for their customers.

Refer the previous Orders and Customers table

**54.** Write a query to extract the data from the customer table if and only if one or more of the customers in the customer table are located in London.

Refer the previous Customers table

**55.** Write a query to find the salesmen who have multiple customers.

Refer the previous Salesman and Customers table