LAB EXAM

MCA III

Note: Attempt question within 20 min and show to madam/sir. Write in chat box as soon as you finish. Roll numbers are written against each question.

Q1. Write a PL-SQL script to compare three given numbers and display them in ascending order.

(Roll No 1 to 10)

Q2. Create the tables Employees and Departments having the following structures:

Sample table: Employees

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	SALARY	DEPARTMENT_ID
111	Steven	King	24000	20
112	John	Hopkings	12000	30
113	Alexander	Roy	10000	20
114	Carlie	Nayer	23000	20
115	Julies	Ceaser	8000	40
116	James	Mathew	9000	30
117	Andrew	Matt	5500	30
118	Sunil	Pal	25000	20
119	Roshan	Kumar	15000	40
120	Rahul	Kapoor	16000	40

Sample table: Departments

DEPARTMENT_ID	DEPARTMENT_NAME
20	Accounting
30	IT
40	Marketting

Find the details of the employees whose salary is greater than average salary of all department.

(Roll No 11 to 20)

Q3. Create table employee with following entries:

Emp_id	Emp_name	Dept_id	salary
1	James	10	2000
2	Jack	10	4000
3	Henry	11	6000
4	Tom	11	8000

Find second maximum salary of employee.

(Roll No 21 to 30)

Q4.

Create following tables -

Table- EmployeeDetails

EmpId	FullName	ManagerId	DateOfJoining	City
121	John Snow	321	01/31/2014	Toronto
321	Walter White	986	01/30/2015	California
421	Kuldeep Rana	876	27/11/2016	New Delhi

Table- EmployeeSalary

EmpId	Project	Salary	Variable
121	P1	8000	500
321	P2	10000	1000
421	P1	12000	0

Write an SQL query to fetch employee names having a salary greater than or equal to 5000 and less than or equal to 10000.

(Roll No 31 to 40)

Q5. Sample table: Employees

EMPLOYEE_ID	FIRST_NAME	LAST_NAME	SALARY	DEPARTMENT_ID
111	Steven	King	24000	20
112	John	Hopkings	12000	30
113	Alexander	Roy	10000	20
114	Carlie	Nayer	23000	20
115	Julies	Ceaser	8000	40
116	James	Mathew	9000	30
117	Andrew	Matt	5500	30
118	Sunil	Pal	25000	20

119	Roshan	Kumar	15000	40
120	Rahul	Kapoor	16000	40

Write a query to fetch top 5 records with salary in descending order.

(Roll No 41 to 50)

Q6. Create following tables -

Table- EmployeeDetails

EmpId	FullName	ManagerId	DateOfJoining	City
121	John Snow	321	01/31/2014	Toronto
321	Walter White	986	01/30/2015	California
421	Kuldeep Rana	876	27/11/2016	New Delhi

Table- EmployeeSalary

EmpId	Project	Salary	Variable
121	P1	8000	500
321	P2	10000	1000
421	P1	12000	0

 Write an SQL query to fetch the EmpIds that are present in both the tables – 'EmployeeDetails' and 'EmployeeSalary.

(Roll No 51 to 60)