

Babu Madhav Institute of Information Technology

Uka Tarsadia University

Five Years Integrated M. Sc. (IT) 1st Semester

Course : 060010110 - CC2 Database Management Systems [PR]


CIE I

SET: 02

Duration: 120 mins.

Date: 11/09/2018

Max. Marks: 30

Enrolment No.																																				
Create a database name “CIE1”. After the activation of database, create the following tables with necessary constraints like NOT NULL, Primary Key, Foreign Key, Unique Key, Check and Default.																																				
<div>Table Name: tblDepartment</div> <table><tr><th>ID</th><th>NAME</th></tr><tr><td>101</td><td>Sales</td></tr><tr><td>102</td><td>Purchase</td></tr><tr><td>103</td><td>Accounting</td></tr><tr><td>104</td><td>Human Recourse</td></tr><tr><td>105</td><td>Manufacturing</td></tr></table>		ID	NAME	101	Sales	102	Purchase	103	Accounting	104	Human Recourse	105	Manufacturing																							
ID	NAME																																			
101	Sales																																			
102	Purchase																																			
103	Accounting																																			
104	Human Recourse																																			
105	Manufacturing																																			
<div>Table Name: tblEmployee</div> <table><tr><th>ID</th><th>NAME</th><th>CITY</th><th>SALARY</th><th>DEPT_ID</th></tr><tr><td>1001</td><td>John</td><td>London</td><td>10000</td><td>101</td></tr><tr><td>1002</td><td>Meeta</td><td>Rome</td><td>22000</td><td>102</td></tr><tr><td>1003</td><td>Rahul</td><td>Surat</td><td>20000</td><td>101</td></tr><tr><td>1004</td><td>Sujzen</td><td>Bombay</td><td>30000</td><td>103</td></tr><tr><td>1005</td><td>Jitesh</td><td>London</td><td>15000</td><td>104</td></tr><tr><td>1006</td><td>Naren</td><td>Surat</td><td>40000</td><td>105</td></tr></table>		ID	NAME	CITY	SALARY	DEPT_ID	1001	John	London	10000	101	1002	Meeta	Rome	22000	102	1003	Rahul	Surat	20000	101	1004	Sujzen	Bombay	30000	103	1005	Jitesh	London	15000	104	1006	Naren	Surat	40000	105
ID	NAME	CITY	SALARY	DEPT_ID																																
1001	John	London	10000	101																																
1002	Meeta	Rome	22000	102																																
1003	Rahul	Surat	20000	101																																
1004	Sujzen	Bombay	30000	103																																
1005	Jitesh	London	15000	104																																
1006	Naren	Surat	40000	105																																
Output																																				
<div> Perform the following operations on the tables:</div>																																				
1.	Show only the name and city of all the employees.																																			
Output																																				
2.	Display the list of unique cities of the employees.																																			
Output																																				
3.	List the employees whose first name starts from ‘J’.																																			
Output																																				
4.	Update the cities of employees to “Mumbai”, whose city is “Bombay”.																																			
Output																																				
5.	Add a column named “GENDER” of datatype “char” and size “1” immediately after CITY.																																			
Output																																				
6.	Set all the gender of employees.																																			
Output																																				

7.	Insert the record (1007, Mukesh, Null, M, 45000, 8000090000) in the employee table.	01
Output		
8.	Rename the column name “DEPT_ID” to “DEPARTMENTID” in employee table.	01
Output		
9.	Display the details of those employee whose city is “Surat” and salary is more than 30000.	01
Output		
10.	Arrange all the department names in descending order.	01
Output		
11.	Check whether any value in any column of the table is NULL. If Yes, then insert proper value in that column.	02
Output		
12.	Display the list of employees, whose is not from “Surat” and “Mumbai”.	01
Output		
13.	List all the details of employees, whose city is not NULL.	01
Output		
14.	Count the total number of employees in the table.	01
Output		
15.	Increase the salary of employee by 12%.	01
Output		
16.	By sorting the list of employees SALARY wise in ascending order, display top 5 records from the table.	01
Output		
17.	Display only the names with salary of employees, whose salary is 10000, 20000 and 30000 using “IN” operator.	01
Output		
18.	Remove the details of those employees who is from “Sales” department.	01
Output		
19.	Display the list of female employees from “Rome” and “London”.	01
Output		
20.	Truncate all the records from the table.	01
Output		