

**Guess Paper – 2014**  
**Class – XII**  
**Subject – Informatics Practices**

Q1 Create table EMP and insert all records. (10)

**EMP**

INT	CHAR(20)	CHAR(20)	INT	DATE	INT	Double	INT
EMPNO	ENAME	JOB	MGR	HIREDATE	SAL	COMM	DEPT
8369	SMITH	CLERK	8521	1990-12-18	5000	NULL	10
8499	ANYA	SALESMAN	8521	1991-12-08	6000	NULL	20
8521	SETH	MANAGER	8654	1980-02-11	7000	300.5	30
8566	MAHADEVAN	ANALYST	8521	1990-12-18	3000	NULL	10
8654	MOMIN	PRESIDENT		1990-12-18	15000	253.36	20
8698	BINA	CLERK	8426	1981-11-18	4000	NULL	30
8425	RAJESH	SALESMAN	8426	1978-12-18	5000	745.25	10
8426	RAMESH	MANAGER	8426	1968-05-01	6000	NULL	20
8427	KOYNA	ANALYST	8425	1990-12-18	8000	NULL	30

Q2 Write SQL queries for below questions (each question carry 1 marks)

1. Show all records of all employee
2. Show only name and job of all employee
3. Show only empno, dept and date of joining of all employee
4. Show all records of all employee who working in dept 10

5. Show all records of all employee who working as ANALYST
6. Show all records of all employee whose name is 'SMITH'
7. Show all records of all employee who joined on 18<sup>th</sup> December 1990
8. Show all records of all employee whose salary is greater then 4000
9. Show all records of all employee who joined after 01<sup>st</sup> January 1990
10. Show all records of all employee who working as CLERK as well as MANAGER
11. Show all records of all employee who working in deptno 10 as well as 30
12. Show all records of all employee who doesn't get commission
13. Show all records of all employee who working under MGR
14. Show all records of all employee who working in deptno 30 and working as CLERK
15. Show all records of emp who getting salary in range of 4000 to 6000
16. Show name of such employee whose name first letter is 'R'
17. Show name of such employee whose name last letter is 'H'
18. Show name of such employee whose name contain 'E' letter.
19. Show name of such employee whose name is of four character
20. Show name of such employee whose name second letter is 'A'
21. Show name of such employee whose name second last letter is 'S'

22. Show all records of all employee in ascending order of name.
23. Show all records of all employee in descending order of sal
24. Show sum of sal and comm of all employee and label the column as "TOTAL"
25. Show Unique job of employee
26. Show all job of employee
27. Display records of employee in below format:

**SMITH WORKING AS A CLERK**

**ANYA WOKING AS A SALESMAN**

28. Show all records of all employee by Excluding who working as CLERK as well as MANAGER
29. Show all records of all employee by Excluding who getting salary in range of 4000 to 6000
30. Increase salary by 1000 who is working as MANAGER.
31. Rename column dept to deptno
32. Increase salary by 2000 and comm as 10% of sal who is working in deptno 10.
33. delete record for such employee who earns salary greater than 4000 and working as Clerk

#### Section - B

- 1) Begin / start the transaction

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- 2) Insert any record in emp table
- 3) Delete any record from emp table
- 4) Create a savepoint name e1
- 5) Increase all emp salary by rs 1000
- 6) Rollback upto created save point
- 7) Completely undone all the changes
- 8) Insert any record
- 9) Permanently save the changes
- 10) Write a query to check the state of autocommit
- 11) Set autocommit false

Section - C

- 1) Write a query to show unique job from emp table.
- 2) Write a query to show all department number by removing duplicate one from emp table.
- 3) Write a query to show all job & department from emp table.
- 4) Show average & sum of sal of all employee.
- 5) Show average & sum of sal of all employee excluding duplicate salary.
- 6) Show count of total records in employee table
- 7) Show count of records in employee table who does not get commission
- 8) Show output :  
Select count(\*), count(comm) , count(distinct job) from emp;
- 9) Write a query to maximum, minimum salary from all employee.

- 10) Write a query to maximum, minimum hiredate from all employee.
- 11) Show total number of records departmentwise
- 12) Show job and sum of salary job wise
- 13) Show dept and sum of salary dept wise and sum of salary should be greater then 4000
- 14) Create Dept table like

DEPT	DEPTNAME	LOC
10	ACCOUNT	DELHI
20	MKT	SURAT
30	SALES	BHUJ
40	PRODUCT	BARODA

- 15) Show Cartesian product of emp and dept table
- 16) Show employee name, number, department name and location of all employee
- 17) Show all column from both table emp & dept by matching there dept;
- 18) Show all column from both table emp & dept by matching there dept by excluding dept duplicate column
- 19) Repeat the question 16 by help of "using" & "on" in query.
- 20) Repeat the question 16 but show unmatched record of emp table
- 21) Repeat the question 16 but show unmatched record of dept table

Section - D

- 1) Create table STUDENT with constraints

Field Name	Data type & Size	Constraint
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ROLLNO	INT	PRIMARY KEY
NAME	CHAR(2)	NOT NULL
STD	INT(2)	DEFAULT 12
DOB	DATE	UNIQUE
SECTION	CHAR(1)	UNIQUE, NOT NULL AND SHOULD BE A, B & C ONLY

2) Create table MARKSHEET with constraints

Field Name	Data type & Size	Constraint
ROLLNO	INT	FOREIGN KEY STUDENT(ROLLNO), ON DELETE CASCADE, ON UPDATE CASCADE
PERCENT	DOUBLE	NOT NULL

3) Create table FEES with constraints

Field Name	Data type & Size	Constraint
ROLLNO	INT	PRIMARY KEY
STD	INT	PRIMARY KEY
PERCENT	DOUBLE	NOT NULL

- 4) After creation of Fees table add a column fees with double data type;
- 5) change column name STD to CLASS
- 6) change data type of new column FESS from Double to Integer.
- 7) Drop column STD from table Fees
- 8) Add constraint Default to FEEs field and give default value 7000
- 9) Write a query to show complete table create query
- 10) Drop table FEEs

-----ALL THE BEST-----

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