**Set : 1**

Table : Category

| **categoryid** | **categoryname** |
| --- | --- |
| C1 | Paper |
| C2 | Storage device |
| C3 | Files |
| C4 | Writing pads |

Table : Stationery

| **Statid** | **Statname** | **catid** |
| --- | --- | --- |
| S1 | Ruled | C1 |
| S2 | Blank | C1 |
| S3 | Square sheet | C1 |
| S4 | CD | C2 |
| S5 | Pen Drive | C2 |
| S6 | Spring | C3 |
| S7 | Box | C3 |
| S8 | Spiral binding | C4 |
| S9 | Thick binding | C4 |

Table : Faculty

| **facultyid** | **Facname** | **designation** | **birthdate** | **joiningdate** | **gender** |
| --- | --- | --- | --- | --- | --- |
| F1 | A.R. Patel | Lecturer | 12-5-1970 | 23-6-1997 | Male |
| F2 | S.M. Bhaduria | Lecturer | 10-11-1971 | 2-8-1997 | Female |

Table : Issuedto

| **facultyid** | **Statid** | **Issueddate** | **Quantity** |
| --- | --- | --- | --- |
| F1 | S9 | 12-9-2001 | 2 |
| F1 | S3 | 11-09-2005 | 25 |
| F1 | S8 | 12-9-2001 | 3 |
| F2 | S9 | 12-9-2001 | 2 |

1. Display category names of which there is not a single stationery.
2. Display faculty names and total no. of stationeries issued to the faculty.
3. Display faculty name to whom maximum no. of stationeries issued.
4. Display names of female faculties.
5. Display names of the stationeries which are issued more than 5.
6. Display names of the faculties to whom stationery ‘CDROM’ is issued.
7. Display stationery names which are issued in the month of ‘January’.
8. Display names of faculties born between year 1970 and 1976.
9. Display names of the stationeries starting with ‘P’.
10. Display pair of faculties whose designation is same.
11. Display total no. of male faculties.
12. Display retirement date of each employee.(assuming 60 is the retirement age)
13. Display faculty name, stationery name, category name and issue date.

**Set – 2**

Table : Faculty

| **facultyid** | **Facname** | **designation** | **birthdate** | **joiningdate** | **gender** |
| --- | --- | --- | --- | --- | --- |
| F1 | A.R. Patel | Lecturer | 12-5-1970 | 23-6-1997 | Male |
| F2 | S.M. Bhaduria | Lecturer | 10-11-1971 | 2-8-1997 | Female |

Table : Faculty\_in\_out\_time

| **facultyid** | **Intime** | **outtime** |
| --- | --- | --- |
| F1 | 8:00 am | 3:00 pm |
| F2 | 9:00 am | 4:00 pm |

Table : Daily\_in\_out\_time

| **Date** | **Facid** | **Intime** | **Outtime** |
| --- | --- | --- | --- |
| 1-10-2007 | F1 | 8:05 am | 2:55 pm |
| 1-10-2007 | F2 | 8:55 am | 4:15 pm |
| 3-10-2007 | F1 | 7:54 am | 3:25 pm |
| 3-10-2007 | F2 | 8:59 am | 4:06 pm |

1. Display names of the faculties who have joined after year 2000.
2. Display actual in-time and out-time of each faculty along with faculty name.
3. Display date wise in-out time of each faculty.
4. Display facultyid of those faculties who came late at least 3 times.
5. Display name of the youngest faculty.
6. Display faculty names who joined in the month of ‘July’.
7. Display names of faculties starting with ‘S’.
8. Display birth date of faculties in the format ‘dd month, yyyy’.
9. Display names of male faculties with their age.
10. Display total no. of faculties.
11. Display pair of faculty names whose designation is same.
12. Display total no. of female faculties whose age is more than 30.
13. Display records of inout\_trans table of ‘February’ month.

**Set – 3**

**Table : Faculty**

| **facultyid** | **name** | **designation** | **birthdate** | **joiningdate** | **Gender** | **facultytype** |
| --- | --- | --- | --- | --- | --- | --- |
| 1 | S. Shah | Lecturer | 13-10-1970 | 4-10-1998 | Male | Full-time |
| 2 | H. Pathak | Lecturer | 4-4-1965 | 1-1-1995 | Female | Full-time |
| 3 | H. Dave | Lecturer | 6-12-1989 | 3-11-2007 | Female | Part-time |
| 4 | P. Vyas | Lecturer | 21-5-1975 | 1-7-2000 | Female | Full-time |

**Table : Faclty**

| **leavetype** | **description** |
| --- | --- |
| SL | Sick leave |
| CL | Casual leave |
| ML | Maternity leave |
| PL | Paid leave |

**Table : Leavetaken**

| **facultyid** | **leavetype** | **dateofleave** |
| --- | --- | --- |
| 1 | SL | 3-12-99 |
| 1 | CL | 5-12-99 |
| 2 | SL | 1-10-97 |
| 2 | CL | 17-12-97 |
| 3 | SL | 1-1-08 |

**Table : Leavealloted**

| **facultyid** | **leavetype** | **totalallowed** |
| --- | --- | --- |
| 1 | SL | 8 |
| 1 | CL | 12 |
| 2 | SL | 8 |
| 2 | CL | 12 |
| 2 | ML | 120 |
| 3 | SL | 12 |
| 3 | CL | 8 |
| 3 | ML | 120 |
| 4 | SL | 12 |
| 4 | CL | 8 |
| 4 | ML | 120 |

1. Display names of part-time faculties.
2. Display faculty names with total no. of leaves allowed to them.
3. Display date on which more than 3 faculties have taken leave.
4. Display total no. of faculty names that starts with ‘S’.
5. Display total leaves taken in the month of ‘december’.
6. Display names of faculties who born in the month of ‘October’.
7. Display total no. of leaves taken by the faculty named ‘S. Shah’.
8. Display name of faculties who are not allowed to take ‘PL’.
9. Display total no. of faculty names that end with ‘I’.
10. Display faculty names who have not taken any leave.
11. Display Faculty type and total no. of faculties of that type.
12. Display names of faculties who joined after age of 25.
13. Display name of the oldest faculty.
14. Display Date wise total no. of leaves in descending order of date of leave.
15. Display names of part-time lecturers.

**Set – 4**

**Table : Exam**

| **examdate** | **classcode** | **subcode** | **examtime** | **totalmarks** |
| --- | --- | --- | --- | --- |
| 10-10-08 | SYBCA | COAMP | 9:15 am to 11:15 am | 50 |
| 10-10-08 | FYBCA | ENGLISH | 9:15 am to 11:15 am | 50 |
| 11-10-08 | SYBCA | DFS | 9:15 am to 11:15 am | 50 |
| 11-10-08 | FYBCA | PCL | 9:15 am to 11:15 am | 50 |

**Table : Student(stdno, classcode, name, bdate, address, gender)**

| **Stdno** | **Classcode** | **Name** | **Bdate** | **Address** | **gender** |
| --- | --- | --- | --- | --- | --- |
| 2 | SYBCA | Divya Agrawal | 12-03-1990 | Null | Female |
| 1 | TYBCA | Sajan Acharya | 1-1-1988 | Null | male |

**Table : Examgiven**

| **stdno** | **examdate** | **classcode** | **subcode** | **pres\_absent** | **remarks** |
| --- | --- | --- | --- | --- | --- |
| 2 | 10-10-08 | SYBCA | 201 | p |  |
| 2 | 11-10-08 | SYBCA | 201 | p |  |

1. Display exam date, time and subject code of SYBCA .
2. Display records of students who were absent in exam.
3. Display total no. of students in each class.
4. Display total no. of students whose age is more than 18.
5. Display total no. of students of each class.
6. Display total no. of students who were absent on ’11-OCT-2008’.
7. Display names of the students who have not given exam of ‘COAMP’ and ‘SAD’.
8. Display names of female students who born in ‘January’ month.
9. Display exam time table of SYBCA exam.
10. Display subject wise total no. of absent students.
11. Display names of students whose name is same, but gender is different.
12. Display total no. of boys born in the month of ‘November’.
13. Display union of student and examgiven tables.
14. Display date wise total no. of students who were present in the exam.

**Set – 5**

**Table : Kindergarten**

| **kgid** | **desc1** | **mainbranch** | **subbranch** | **city** | **state** |
| --- | --- | --- | --- | --- | --- |
| 1 | Kidzee | navrangpura | Naranpura | Ahmedabad | Gujarat |
| 2 | Kidzee | Navrangpura | Satellite | Ahmedabad | Gujarat |
| 3 | Thumbelina | Naranpura |  | Ahmedabad | Gujarat |
| 4 | Eurokids | Naranpura | Vastrapur | Ahmedabad | Gujarat |

**Table : Classdetails**

| **classcode** | **desc1** | **min\_age\_required** | **others** |
| --- | --- | --- | --- |
| PG | Play Group | 2 |  |
| N | Nursery | 2.5 |  |
| JrKG | Junior KG | 3.5 |  |

**Table : KGdetails**

| **kgid** | **classid** | **division** | **capacity** |
| --- | --- | --- | --- |
| 1 | PG | 1 | 30 |
| 1 | N | 1 | 25 |
| 1 | N | 2 | 25 |
| 1 | JrKG | 1 | 40 |

1. Display names of kindergarten which don’t have any sub-branch.
2. Display city-wise total no. of kindergartens.
3. Display class wise minimum age requirement.
4. Display details of kindergartens of state ‘Gujarat’.
5. Display total capacity of class ‘Nursery’.
6. Display sub branches of kindergarten ‘Eurokids’.
7. Display names of kindergartens which have more than 2 branches in the same city.
8. Display state wise total no. of kindergartens.
9. Display details of kindergarten which exists in table kindergarten, but not in KGdetails.
10. Display kindergarten name, main branch and total no. of sub branches.
11. Display class wise age criteria.
12. Display name of the kindergarten which has maximum no. of sub branches.
13. Display kgid which has maximum no. of divisions of class ‘Jr. KG’.