**Normalization:**

**Student Attends Exam:**

**UNF:** Exam\_id,Exam\_date ,Total\_Marks,Sub\_no, Student\_id , Student\_name ,Date\_of\_birth,age.

**1NF:** Exam\_id,Exam\_date ,Total\_Marks,Sub\_no, Student\_id , Student\_name ,Date\_of\_birth,age.

**2NF:**

**1st:** Exam\_id,Exam\_date ,Total\_Marks,Sub\_no, Student\_id.

**2nd:** Student\_id , Student\_name ,Date\_of\_birth,age.

**3NF:**

**1st:** Exam\_id,Exam\_date , Student\_id,Sub\_no.

**2nd:** Sub\_no ,Total\_Marks.

**3rd:**Student\_id , Student\_name ,Date\_of\_birth,age.

**Student Registered Subject:**

**UNF:** Student\_id , Student\_name ,Date\_of\_birth,age,Subject\_No,Subject\_Name.

**1NF:** Student\_id , Student\_name ,Date\_of\_birth,age,Subject\_No,Subject\_Name.

**2NF:**

**1st:** Student\_id , Student\_name ,Date\_of\_birth,age,Subject\_No.

**2nd:** Subject\_No,Subject\_Name.

**3NF:**Same as 2NF.

**Question Based on Subject:**

**UNF:** Subject\_No,Subject\_Name,Qus\_id,Teacher\_id,create\_date.

**1NF:**Same as UNF.

**2NF:**

**1st:** Qus\_id,Teacher\_id,create\_date,Subject\_No.

**2nd:** Subject\_No,Subject\_Name.

**3NF:**Same as 2NF.

**Question Has Answer:**

**UNF:** Qus\_id,Teacher\_id,create\_date,Sub\_id,Ans\_id ,Student\_id,Correct\_Ans,Sub\_No.

**1NF:** Same as UNF.

**2NF:**

**1st:** Qus\_id,Teacher\_id,create\_date,Sub\_id.

**2nd:** Ans\_id ,Student\_id,Correct\_Ans,Sub\_No,Qus\_id.

**3NF:** Same as 2NF.

**Teacher Makes Question:**

**UNF:**Teacher\_id, Name,Designation, Qus\_id,create\_date,Sub\_id.

**1NF:**Same as UNF.

**2NF:**

**1st:** Teacher\_id, Name,Designation.

**2nd:** Qus\_id,Teacher\_id,create\_date,Sub\_id.

**3NF: :**Same as 2NF.

**Exam based on Subject:**

**UNF:** Exam\_id,Exam\_date ,Total\_Marks, Subject\_No,Subject\_Name.

**1NF:**Same as UNF.

**2NF:**

**1st: :** Exam\_id,Exam\_date ,Total\_Marks, Subject\_No.

**2nd:** Subject\_No,Subject\_Name.

**3NF:** Same as 2NF.

**Exam Has Result:**

**UNF:** Exam\_id,Exam\_date ,Total\_Marks, Subt\_No,Marks.

**1NF:**Same as UNF.

**2NF:** Same as UNF.

**3NF:** Same as UNF.

**Teacher Submit Result:**

**UNF:** Teacher\_id, Name,Designation,Marks.

**1NF:**Same as UNF.

**2NF:** Same as UNF.

**3NF:** Same as UNF.

**Students Gets Result:**

**UNF:** Student\_id , Student\_name ,Date\_of\_birth,age,Marks.

**1NF:**Same as UNF.

**2NF:** Same as UNF.

**3NF:** Same as UNF.

**Final Tables:**

**1st:** Exam\_id,Exam\_date , Student\_id,Sub\_no.

**2nd:** Sub\_no ,Total\_Marks.

**3rd:** Student\_id , Student\_name ,Date\_of\_birth,age.

**4th: :** Student\_id , Student\_name ,Date\_of\_birth,age,Subject\_No.

**5th:** Subject\_No,Subject\_Name.

**6th:** Qus\_id,Teacher\_id,create\_date,Subject\_No.

**7th:** **:** Ans\_id ,Student\_id,Correct\_Ans,Sub\_No,Qus\_id.

**8th:** Teacher\_id, Name,Designation.

**9th:** Exam\_id,Exam\_date ,Total\_Marks, Subject\_No.

**10th:** Exam\_id,Exam\_date ,Total\_Marks, Subt\_No,Marks.

**11th:** Teacher\_id, Name,Designation,Marks.

**12th:** Student\_id , Student\_name ,Date\_of\_birth,age,Marks.