Department of Education,Sabaragamuwa/weekly school

week- December - 4

Subject-General Information Technology

Prepared by -
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Grade-12

1. The library of your school maintains the following type of database to keep records of books in the library,members of the library and books issued by the library.

Book_Table

Book_ID	Book_Name	Author_Name
3405	Madol Doova	Mr. Martin Wickramasinghe
3406	Hath Pana	Mr. Kumarathunga Munidasa
3407	AmbaYahaluwo	Mr. T.B.Ilangarathna

Student_Table

St_ID	St_Name	Grade
S01	Sanka	6
S02	Hasitha	8
S03	Kumudu	7

Borrowing_Table

St_ID	Book_ID	Borrowed_Date	Lend_Date
S02	3405	2020/02/02	2020/02/10
S01	3407	2020/02/15	

1. Write down two primary keys and their respective table names.

2. Write down a foreign key and it's respective table name.

3. Sewwandi who studies in grade 8,obtained the membership on 2020/02/18 and borrowed the novel Madol Doova on that day.

   a.) What table(s) need(s) to be updated in the database.
   b.) Write down the updated row(s) of the table(s) in the database and their respective table name(s).

4. What is the facility in DBMS software,you can use if you want to display the following details of the books which are not returned yet in one table.(Details:Name of the book,Author,The name of the student who borrowed the book,Grade,Borrowed date)