Question 3 (a) (i)

Figure 2 below is an extract of a table taken from a students' fees payment database. Study it and answer the questions that follow.

Figure 2

Student's ID	Name	Address	Town	Faculty	Receipt No.	Amount Paid
001	F. M . Obegi	1234	Njoro	Law	K110012	4600
002	V. O .Ochieng	4321	Nakuru	Computer Sc.	K110010	7200
003	Mercy N Fela	7890	Kisii	Economics	K110014	8700
004	Gideon Babu	4567	Mombasa	Medicine	K110013	4700
005	Kimei P.O.	4569	Nairobi	Electrical	K110015	5275
006	Triffan Felix	5678	Wajir	Mathematics	K110011	5000
003	Mercy N Fela	7890	Kisii	Economics	K110016	2500
001	F. M. Obegi	1234	Njoro	Law	K110018	4000
005	Kimei P.O.	4569	Nairobi	Electrical	K110017	3000

(a)   (i)   Split the data into two tables "Student details table" and "Fees paid table" with a one to many relationship.   (10 marks)

The candidates were supposed to split the data in the given figure to two tables, students details table and fees paid table.

Weakness

Some candidates did not split the table into two.

Some did not isolate students details from fees paid details.

Expected Responses

The candidates were expected to study the table and see the details that are going hand in hand with the student details and isolate those fields to the student details table. The other fields would then be for fees paid table e.g. looking at record number 1 student 001 is repeated in row 8. The two records are identical upto faculty. This is the same for student 003 whose record appears again as record 7 and student 005 repeated in record 9.

Hence the student details table should contain the fields, Students ID, Name, Address, Town and Faculty. While the fees paid table should contain the fields, Student's ID