Question 1. [6 MARKS]

Consider this schema:

Brillig(tove, gyre, gimble)
Slithy(mimsy, rath)
TumTum(vorpal, jubjub)

Slithy[mimsy] ⊆ Brillig[tove]

Is mimsy a foreign key? Circle one: Yes (No.)

Explain:
It is merely a referential integrity constraint. To be more special a f.k. constraint, it must reference a key, but tove alone is not a key.

Is tove a foreign key? Circle one: Yes (No.)

Explain:
The relationship goes the wrong way. Every mimsy in Slithy is a tove in Brillig. For tove to be a f.k., every tove would have to occur in some other table

Suppose relation *Brillig* has 4 tuples. Could *Slithy* have 3 tuples? Circle one: (Yes) No.