



③ Degree

Pool = 3

Level = 2

Classes = 11

Staff = 7

Enrollment = 6

Students = 10

④ Cardinality

Staff - classes \rightarrow optional one to optional many.

levels - classes \rightarrow mandatory one to mandatory many

Classes - Pools - optional many to mandatory one

Enrollment - Students - mandatory many to mandatory one.

enrollment - Classes - mandatory one to mandatory many.

④ Weak entity is Absent here as each table can be identified individually so each table is a strong entity.

⑤ In this ER diagram, there is visible data redundancies as the only duplicate attributes is present.