**Practical 13** Categorize the following relationships into generalization, aggregation or association.

**[A] A country has a capital city**

1

1

Capital city

Country

**[B] A dining philosopher uses a fork**

2

1

Dining Philosopher

Fork

**[C] A file is an ordinary file or a directory file**

File

Directory

Ordinary

**[D] Files contains records**

\*

1

Record

File

**[E] A polygon is composed of an ordered set of points**

3\*

1

Points

Polygon

**[F] A drawing object is text, a geometrical object, or a group**

Drawing Object

Text

Group

Geometrical object

**[G] A person uses a computer language on object**

Object

Person

uses

Computer Language

**[H] Modems and keyboards are input output devices**

Input/Output Device

Keyboard

Modem

**[I] Classes may have several attributes**

Attribuit

\*

\*

Classes

**[J] A person plays for a team in a certain year**

Year

Team

Player

**[K] A route connects two cities**

City

1

2

Route

**[L] A student takes a course from a professor**

Student

takes

Course

Association

Professor