UNIT 4

1. An entity set attributes that does not have a primary key within them, is termed as a ....weak entity............. set.
2. The ER model is important for its role in .... database design.....................
3. .... Rectangles.................. represent entity sets.
4. .... Aggregation................ allows us to indicate that a relationship set participates in another relationship sets.

1. Explain the following terms: (*i*) Aggregation (*ii*) Generalization (*iii*) Super key (*iv*) Candidate keys.

2. Explain the following terms briefly:

   (i) Attribute (*ii*) Domain (*iii*) Entity (*iv*) Relationship (*v*) Entity set (*vi*) One to many relationship (*vii*) Participation constraint (*viii*) Weak entity set (*x*) Composite key.

3. Explain the distinction among the terms—primary key, candidate key and the super key.

4. What is entity, entity type, entity sets and attribute? What is mapping cardinalities? Explain different cardinalities.

5. Explain the difference between a weak and a strong entity set.