

CS348 Quiz 2 (LE1)**Name:** _____**PSO:** _____

Please fill your answers in the following table:

1	2	3	4	5	6	7	8	9

1. In the Enhanced Entity-Relationship (EER) Modeling, a collection of entities in form of set is called?
A. Object.
B. Schema.
C. Class.
D. Construct.
E. Tuple.
2. Given an Entity-Relationship Diagram (ERD) for a Video store, what a movie concept is called?
A. Attribute.
B. Entity.
C. Relationship.
D. Cardinality.
E. Multivalued attribute.
3. A _____ constraint requires that an entity belong to no more than one-level entity set.
A. Completeness.
B. Disjointness.
C. Relational.
D. Special.
E. Uniqueness.
4. A subclass with more than one superclass is called a _____?
A. Inheritance subclass.
B. Partial subclass.
C. Shared superclass.
D. Shared subclass.
E. Joint subclass.
5. Which of the following attributes is classified as multivalued attribute?

- A. Name
 - B. Phone number.**
 - C. Date of birth.
 - D. Social security number.
 - E. All of the above.
6. Given two entities Projects and Departments, suppose a Department **can** have at most 100 Projects, the cardinality of this relation is presented as:
- A. 1,100
 - B. 0,100**
 - C. 1,1
 - D. 100,1
 - E. 100,100
7. Based on your understanding of the relational and ER Model which of the following is **INCORRECT**?
- A. For a tuple in a table, an attribute can have exactly one or NULL value.
 - B. For a tuple of in a table, an attribute can have more than one value.**
 - C. Attribute of an entity can be composite.
 - D. Attribute of an entity can be multi-valued.
 - E. An entity could have a recursive relationship.
8. What is the meaning of the letter "d" refer in the Enhanced Entity-Relationship (EER) model?
- A. Union constraint.
 - B. Disjointness constraint.**
 - C. Overlapping constraint.
 - D. Completeness constraint.
 - E. None of the above mentioned.
9. Suppose $Z : Z = \{S_1, S_2, \dots, S_n\}$ is a set of subclasses with same superclass G. Which constraint is satisfied by the condition $S_1 \cup S_2 \cup \dots \cup S_n = G$?
- A. Disjoint.
 - B. Lattice.
 - C. Total.**
 - D. Partial.
 - E. Overlapping.