



Department of Education, Sabaragamuwa/weekly school

week- August - 3

Subject-Information and Communication
Technology

Grade-13

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Unit 8 – Data Base Management

1. Explain the following terms with suitable examples.
 - a. Composite attribute
 - b. Multivalued attribute
 - c. Derived attribute
 - d. Weak entity
2. What is meant by “recursive relationship”? Give an example and represent it using a diagram.
3. Consider the following table named ‘Book’

<u>book No</u>	title	publisher	version	author 1	author2	author3
122	RDBMS	Prentice Hall	5	J.Kinly	N.Mcniel	H.J.Lee
134	Java Programming	Barlett Learning	7	Kaal Sue	K.H.Kneel	
136	Oracle	Prentice Hall	6	Raj Khan	R.Prakash	J.Navathe

- (a) Which normal form the above table is in?
- (b) Write the relational schema for first, second and third normal forms separately. Indicate the primary keys and foreign keys in each relation.