

Question 1: Cash Flows for a project are given below:

Period Cash Flows

1. 1 Rs. 8,000
2. 2 Rs. 12,000
3. 3 Rs. 20,000
4. 4 Rs. 35,000
5. 5 Rs. 40,000

Compute the Future Value of cash flow stream of project at the end of year 5 with a compound annual interest rate of 14%.

Question 2: Definition of internal control and enlist the procedure of audit

Question 3: What is CFC?

Question 4: What is difference between doorstep delivery and point of sale delivery?

Question 5: What is the difference between point of sale and doorstep delivery?

Question 6: What type of risk and implication are associated to growth of customer finance?

Question 7:

Consider the following two columns. The Column A consists of terms related to the ER model and Column B consists of terms used in the relational model.

The terms in Column A have been mapped to Column B so that it corresponds to the mapping process of the ER Model into a Relational model. Map each of the entry in column A to the appropriate entry in column B?

Question 8: Consider the relation R with four attributes A,B,C and D and the functional dependencies

$(A,B) \rightarrow (C,D)$  and  $C \rightarrow D$ .

1. The above relation is a normalized relation upto which normal form?
2. Write the PK of relation R

Answer:

- a) 2NF
- b) A,B composite is the primary key

Question 9: Define domain of an attribute.

Answer:

In computing, the attribute domain is the set of values allowed in an attribute. For the relational model it is a requirement that each part of a tuple be atomic. The consequence is that each value in the tuple must be of some basic type, like a string or an integer. For the elementary type to be atomic it cannot be broken into more pieces.

Question 10: Define main functionality of subtype discriminator?

Answer:

This is a tool or a technique which provides us a methodology to determine that to which subtype one instance of a supertype belongs. (Page 108)