WEEK 12. Data Warehouses – Chapter 16, 17

Self-Check Questions

1. Which one of the following applications/activities is typical of a data warehouse?
   a. Updating of the inventory data as the sales occur in the supermarket
   b. Comparing last year’s sales with this year sales to identify the most promising product
   c. Looking at the sales this month to identify the most valuable salesperson of the month
   d. Reviewing last month customer accounts to prepare overdue notices

2. Which of the following may occur in a star schema?
   a. Many to many relationships
   b. One to many relationships
   c. M-way relationships
   d. Recursive relationships

3. Which clause of SQL SELECT statement may use the CUBE operations?
   a. GROUP BY
   b. HAVING
   c. Both of the above

4. Which of the following statements is not true about populating a data warehouse:
   a. It involves matching decision support needs with available data
   b. It is a matter of simply copying data from various sources
   c. Sources of data may be internal or external or both
   d. All of the above

5. In maintaining a data warehouse, which of the following is not a task in the PREPARATION phase:
   a. Extraction
   b. Merging
   c. Transportation
   d. Cleaning

Discussion Questions

6. Why are operational databases not particularly suited for decision support applications?