

Question: What is the mid-way between “top down” and “bottom up” approach? (4 marks)

Answer: Practical Approach, a compromise approach accommodating both views **(1 mark)**

-->We plan on overall picture just like top down approach **(3 marks)**

-->Then we adopt the principles of the bottom-up approach and build the conformed data

marts based on a priority scheme.

The steps in this practical approach are as follows:

1. Plan and define requirements at the overall corporate level
2. Create a surrounding architecture for a complete warehouse
3. Conform and standardize the data content
4. Implement the data warehouse as a series of super marts, one at a time

Question: Why are operational systems not suitable for providing strategic information? Give three specific reasons.

Answer: **(1 mark for each correct reason)**

-->scopes are different

-->data content is different

-->the data usage patterns are different

-->the data access types are different

-->not designed or intended to provide strategic information.

-->what the executives needed is different kinds of information, strategic information that is different from operational information.

-->The types of information needed to make decisions in the formulation and execution of business strategies and objectives are broad based

And encompass the entire organization

-->making wheels of business run, watching the wheels of business run(Decision-support systems are developed to get strategic information out of the database, as opposed to OLTP systems that are designed to put the data into the database.)

Question: Difference between independent and dependent Data marts

Answer: Refer Book page 32