**Module 3: Map-Reduce and Key-Value Databases:**

**1. Explain the Map-Reduce process with a diagram and suitable examples.**

**2. Discuss the stages of partitioning and combining in Map-Reduce.**

**3. Apply Map-Reduce to calculate total sales from a dataset with examples.**

**4. Define key-value stores and explain their features.**

**5. List the use cases where key-value stores are effective and where they are not.**

**6. How is data organized within a key-value store? Discuss ways to handle key conflicts.**

**7. What is incremental Map-Reduce? Explain its benefits with an example.**

**8. Describe multi-operation transactions in key-value stores.**

**9. Discuss the query features and operations by sets in key-value databases.**

**10. Explain how session information and shopping cart data can be stored in key-value databases.**