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| **1.** | Transaction Management | Transactions Processing, ACID rules Concurrency Control, Recovery |
| **2.** | Query Optimization | Query Processing and Techniques of optimization |
| **3.** | Query Languages | Basics and Need of various Query Languages |
| **4.** | Database security and privacy | Database security and privacy, including anonymisation and release |
| **5.** | XML Databases | XML, XPath and XQuery, XSLT, Integrating XML with Databases |