

Question Paper

1. What is the significance of data structures in programming?
2. Explain the concept of Object-Oriented Programming with examples.
3. What are the key differences between HTTP and HTTPS?
4. Describe the working of a relational database management system.
5. What are the different types of machine learning?
6. What is the importance of version control systems?
7. Describe the process of database normalization.
8. Explain the role of encryption in cybersecurity.
9. How does a DNS server work?
10. What are the different types of network topologies?
11. Explain the working of a blockchain.
12. What is the function of an operating system kernel?
13. How does garbage collection work in programming?
14. What are the differences between a microprocessor and a microcontroller?
15. Explain the concept of responsive web design.