

Summer Holiday HomeWork

Session 2020-2021

Subject: Computer Science

Class 12

1. What is the difference between packet switching and circuit switching techniques?
2. How is co-axial cable different from optical fibre?
3. What is the advantage of using Switch over Hub?
4. What is the difference between virus and worm in the computer?
5. How does firewall protect our network?
6. What is a modem? Name and explain two categories of modems?
7. Define the following:
 - a. RJ-45
 - b. Ethernet
 - c. Ethernet card
 - d. Protocol
 - e. Host
 - f. Repeater
 - g. Bridge
 - h. Router
 - i. Gateway
8. Name any four commonly used protocol?
9. What are the various data models available for database systems?
Explain.
10. What is the difference between WHERE and HAVING clause?