Network security

Important Questions: 10 marks

1. What is the need for cyber law?
2. What are the principles of security?
3. Explain the basics of SSH?
4. Write short note on: a. Digital Signature b. cyber ethics c. Skimming
5. What is virus? Explain its various components in details.
6. What is firewall? Explain its types.
7. What do you mean RAID? Explain its various components in details.
8. What is VPN? What are its various types? Explain with the help of diagram
9. Explain cryptography .Explain Symmetric and asymmetric key.

Important Question: 4 marks
1. List types of attacks on network.
2. Describe hashing.
3. What is digital signature and digital certification?
4. Explain RSA algorithm with diagram? Explain MD5 with its properties?
5. Define clustering? What are its various advantages .
6. Difference between HTTPS and HTTP?
7. What is Zombie and ransomware?
8. Limitations of firewall?
9. What is virus scanners and heuristic scanner?
10. What do mean by cyber assets ?