

CLASS XI, IP ASSIGNMENT

1. Differentiate between RAM and ROM.
2. If we have primary memory why do we need secondary memory?
3. What are the types of Software?
4. What is the need of Operating System?
5. Explain the types and functions of Operating System.
6. Differentiate between Compiler and Interpreter.
7. How is trojan horse different from worm?
8. Explain firewall.
9. What are digital certificates and digital signatures?
10. Write a short note on Cybercrime.
11. What is the difference between DDL and DML commands?
12. Define: primary key and alternate key.
13. What do you understand by the terms: Cardinality and Degree?
14. Write one similarity and one difference between CHAR and VARCHAR data type.
15. Distinguish between single row functions and multiple row functions.
16. Explain the use of UPDATE command in SQL.
17. What is the difference between '_' and '%' metacharacters in SQL?
18. Explain the components of Netbeans GUI Interface.
19. What is the difference between jTextField and JTextArea?
20. What is the significance of IDE?
21. Differentiate between binary and unary operators in java.
22. What is the difference between '=' and '==' in java?
23. What is the difference between 'a' and "a" in java?
24. What is fall through in case of switch statement?
25. How is if statement more versatile than switch statement?
26. What is dangling else problem?
27. Differentiate between while and do-while loop?
28. What is the purpose of break statement in java?
29. How is continue statement different from break statement in java?
30. Write java code to find factorial of a given number.