NII Technologies Placement Paper Questions

Q1. What is the difference between Structure and Array?

Q2. What is Exception Handling?

Q3. Using C program, convert a number to its word equivalent i.e., 12900 TWELVE THOUSAND NINE HUNDREDS

Q4. What are the types of Normal forms and which is best among them?

Q5. What is Data Structure?

Q6. What is Foreign Key?

Q7. What is Singleton design pattern?

Q8. Difference between equals and hash code method.

Q9. What are the threading concepts in Java?

Q10. Explain database internal architecture.

Q11. What is the difference between left and right outer join?

Q12. How many trigger can be applied to a table?

Q13. Difference between array and structures.

Q14. What is binary search?

Q15. How Hash Map works?

Q16. How is data integrity protected in a multithreading, multi processor environment?

Q17. How many methods are there in Object class of Java?

Q18. What is meant by Dependency Injection?

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Q19. Difference between value passing and address passing of a variable as the argument of a function. What will be the effect if we do it at the time of swapping?

Q20. What is polymorphism?

Q21. What is referential integrity? What will happen if I delete some row of first table which is containing the reference of second table rows?

Q22. What are the types of dependency injection?

Q23. What is meant by Collections framework?

Q24. Difference between abstract class and an interface?

Q25. What are the various types of sorting technique?