**Question related to Polymorphism**

1. What is Polymorphism?
2. How does java implements polymorphism?
3. What is Compile-time and Run-time Polymorphism?
4. What is overloading and how to achieve in java?
5. What is method overloading and its benefits?
6. What is overriding and how java supports it?
7. What are the restrictions in case of Overriding (Minimum 5)?
8. What are the uses of this keyword in java?
9. What are the uses of super keyword in java?
10. What is dynamic method dispatching & how does java supports?
11. What is up casting and down casting?
12. Difference between this and super keyword in java?
13. What are the ways to call a constructor in java?
14. Why this keyword should be first statement within constructor?
15. Why super keyword should be first statement within constructor?
16. What is requirement to override toString() of java.lang.Object class?
17. What is the logic to display the hash code of a class i.e. how to get the hash code of Test class?
18. What is constructor chaining?