Class A {

int i;

int j;

A(int i) {

this.i = i;

}

A(int i, int j) {

this.i = i;

}

Public static void main() {

A a = new A(); // this will throw error as we have parameterized constructor in our class

A a1 = new A(10)

}

Questions asked from above program :

1. Which variable will get initialized during object call ? Ans – both I & J
2. Which constructor will be called for a1 object – Ans – single parameter constructor
3. What is the use of static keyword in main method – JVM call, Method ambiguity
4. Where have you used static in your framework?

Class A {

add();

sub();

}

Class B extends A {

add();

mul();

div();

}

A ab = new B();

ab.add();

ab.sub();

ab.mul();

ab.div();

B ba = new A();

ba.add();

ba.sub();

ba.mul();

ba.div();

}

Questions asked from above program:

1. Which methods will get executed for above code

**Java Program**

Given String S = "God" , write a program to print all the combinations of the string

gdo, gdo, odg, ogd, dog, dgo

**Basic Java Questions**

1. What is constructor ?
2. What is constructor chaining ?
3. Why is string immutable ?
4. What is string intern() ?
5. Compile time & runtime polymorphism ?
6. Two objects created for same class. Will both objects have same memory size ?
7. Collections used in you framework ?
8. Underlying data structures implemented in all collections class ?
9. When to go for arraylist and when to use LinkedList ?
10. Time complexity of searching,adding,removing in arraylist,linkedlist,hashset,linkedhashset ?
11. How searching is done in a hashset ? what algorithm is used ? explain

**Selenium Questions:**

1. Types of exceptions handled
2. How to handle dynamic alert ?
3. What exception will throw for FindElements ?
4. How to check if an element is enabled without using isEnabled() method?
5. Explain how selenium architecture works?
6. Can I use postman to check available selenium calls since it’s a api call?
7. How to minimize the window ?
8. Implicit & explicit waits in selenium ?
9. How to scroll ? Drawbacks of javascript executor ?
10. Scenario Question - A dropdown shows only 10 values, but contains more values. Each page will show only 10 values. Given a value, how will you find the element

**Round 2 - QA:**

1. Http methods ?
2. Difference between put & patch ?
3. What is smoke & what is sanity ? When will we run it ?
4. What is severity & priority ?
5. Write test cases for New API – user creation api for amazon which creates a user and returns the username
6. Write testcases for integration of Google calendar and Indigo flight booking
   1. Ex – If user had already logged in google account 🡪 books flight 🡪 flight time should be added to google calendar as event