Q1) What is Java

A1) Java is High Level Lang

OOPs

1. Class
2. Object
3. Inheritance
4. Polymorphism
5. Abstraction
6. Encapsulation

Q3) What is JVM

JVM is a program (set of Instruction), it ~~call~~ invokes the main method

Q2) What is main method ? and its signature

Main method is the entry point of the application

A b c d e

Public static void main(String args[])

Access Specefiers

Public Protected Default Private

Public : as JVM is an outsider program, it should be able to have direct access to the main method

Static : static methods can be invoked without creating an object, so its not compulsion on JVM to create object of the class,it can invoke main method without creating object also

Void : main method does NOT return any value hence it is prefixed with void keyword

Main : method name

String args[] : known as Command Line Arguments(CLA), JVM will only call the main method whose parameters are Array of String

Categories of Data Types : Primitive & Non Primitive

Call by Value / Call By Ref