Difficulty class	General ruleset	Granular breakdown	Example question
Basic	Questions on simple built in functions/API documentation/beginner level knowledge	Regular Built-in-function	How can I pad a String in Java?
		Simple Operator/Expression	Check if at least two out of three Booleans are true
		API documentation	Add a dependency in Maven
		Beginner level Theory Question	In Java, difference between package private, public, protected, and private
		Basic OOP problem	How to determine an object's class (in Java)?
	Questions related to comparison between concepts and functions of various languages	Analysis of various languages' functions	Difference between StringBuilder and StringBuffer
		Beginner level difference related query	The difference between the Runnable and Callable interfaces in Java
		Simple problem solving in other languages	What is the JavaScript version of sleep ()?
	Questions about simple problem-solving or random topic	Simple problem solving	How to create a method to return 1 if input is provided 0 and 0 if provided 1 without using conditions?
		Random query	Is String.length() invoked for a final String?
	Questions with simple exception, error and other problem	Solve for nullpointer exception	Boolean.valueOf() produces NullPointer-Exception sometimes
		Simple Error Handling	getSupportFragmentManager () shows a compile time error
		Configuration problem solved by documentation	maven build failed: Unable to locate the Javac Compiler in: jre or jdk issue
Intermediate	Questions that require a relatively deeper understanding of the language to answer, for example Why type questions	Advance features of a language that require deeper understanding	How do I use a PriorityQueue?
		Need more knowledge about the algorithms	Consistency of hashCode() on a Java string
		Multiple questions in a single post	How to launch a java program with precisely controlled execution time?
		Need knowledge on Advanced Programming topics	Logback to log different messages to two files
		Difference between two packages	Joda Time and Java8 Time difference
	Questions where the questioner knows about the answer/solution but	Looking for contextually suitable solution despite having a solution	Copying TIMESTAMP to DATETIME on MySQL with Hibernate

	wants to know more efficient one	Analyzing various solutions for execution time	Java Timer vs ExecutorService?
	Questions related to time complexity, memory usage or other different resource usages of a system/solution	Efficient way	Fastest way to determine if an integer's square root is an integer
		Performance, optimization, accuracy	Memory allocation problems with android application
		Memory related	Freeing memory wrapped with NewDirectByteBuffer
	Questions need conceptual reasoning of programming construct/design principle	Reverse programming	How do I ''decompile'' Java class files?
		Underlying philosophy of any programming construct	Why use getters and setters/accessors?
		Design pattern	What is Alternative to Singleton
		Feasibility study	Setting up Java + svn + Eclipse+ Tomcat, development environment with docker
		Question about built-in documentation in details	Java 9: How to find every new method added
		Required Testing Related Knowledge	What is the proper way to setup and seed a database with artificial data for integration testing
Advanced	Questions that deal with hard/critical problems where solution needs in-depth programming knowledge or conceptual/logical thinking	Solution needs in-depth programming knowledge or conceptual thinking	JPMS and cannot understand its dynamism, Can it be done in Java 9 module system
		Despite of large analysis, several unsolved issues	Incompatible types, equality constraints and method not found during Java 9 Migration
		Improvement of existing answers	How to implement retry policies while sending data to another application?
	Questions that require advanced in-depth knowledge of internal language structure	In-depth knowledge of internal language structure	Spring RedisConnectionFactory with transaction not returning connection to Pool and then blocks when exhausted
		In-depth knowledge of packages	Publish a bom from a multi-module-project
		In-depth knowledge on Garbage Collection	Latencies issues which G1GC
	Questions that deals with infrequently used functions	Deals with infrequently/rarely used framework/API/functions	Using Ebean for persistence
		Deals with depricated framework/functions/API	How do I properly map a 'MagImageScalingCallback' using JNA?
		In-depth knowledge of software architecture	JPA Clean Architecture

	Question that requires in-depth knowledge about software architecture & SDLC	In-depth knowledge of software maintenance	How do I upgrade to jlink (JDK 9+) from Java Web Start (JDK 8) for an auto-updating application?
		In-depth testing and security knowledge	RESTful Authentication via Spring
	Related to production environment	Efficiency related question	Why is AES encryption/decryption more than 3x slower on Android 24+?
		Deployment related question	GWT Deployment on Tomcat 5.5
	Question that deals with large dataset and diversified topics	Data mining/ Deep learning/Artificial Intelligence	Deeplearning4j - using an RNN/LSTM for audio signal processing
		Need in-depth knowledge of multiple topics	Unable to identify source of java.lang.ClassNotFoundException BaseDexClassLoader