**Sriman\_Java\_Gyan\_Mantra**

Q1.> what is the advance java1.7 features?

Ans🡺 They given main features like

1. Try block with resources.
2. Catch with multiple exception
3. String in switch
4. main() is mandatory to print
5. Diamond syntax in collection.
6. We can represent integral by using underscore like long value=12\_00\_450\_28
7. Java virtual Machine support non java language also to make it execution faster like python and ruby.

Q2.> what is the Lambda expersion? Give one Example?

Ans🡺

Q3.> Why java is not purely Object Oriented Programming language?

Ans🡺

Q4.>How HashMap internally works?

Ans🡺

Q5.>Why StringBuffer and StringBuilder is mutable and what is diff b/w them?

Ans🡺

Q6.>Why both hashcode() and equals() method maintain contract. Or

why they can’t leave without any one?

Ans🡺

Q7.>Why default constructor added by compiler?

Ans🡺

Q8.>When should go for text file and properties file and database?

Ans🡺

Q9.>What is e.printStackTrace()?

Ans🡺

Q10.> What is diff b/w SAX and DOM?

Ans🡺

Q11.>How many way we can get database connection and which one is

best approaches and why?

Ans🡺

Q12.>Why JAX-p api is given by SUN people?

Ans🡺

Q13.>Complete flow on AbstractFactory Design Pattern?

Ans🡺

Q14.>Why JAX-B is given by Sun People?

Ans🡺

Q15.>How many Operation in JAX-B to perform Xml Binding technology and

how why we can do?

Ans🡺

Q16.>What are the basic that we should have aware on it before developing

JAX-RPC api based web Services?

Ans🡺

Q17.>WAP to accept String as a command line arguments print the

number occurrences of each character?

e.g=>Krishh (k,r,i,s=1, h=2)

Ans🡺

Q18.>What is System.out.println()..?

Ans🡺

Q19.>Why main method syntax is given by SUN people like

public static void main(String[] args)

Ans🡺

Q20.>What is final, finally , finalize ?

Ans🡺

Q21.> Spring MVC Control flow (see below diagram step by step)?

Ans🡺

Q22.>What is real diff b/w Process and Thread in Java?

Ans🡺

Q23.>What is diff b/w Jar and Api?

Ans🡺

Q24.>What is AOP?

Ans🡺

Q25.>What is the meaning of AfterReturning Advice?

Ans🡺

Q26.>How to remove duplicates from a sorted Array in Java?

Ans🡺

Q27.>How to find how many bean created in spring bean configuration ?

Ans🡺

Q28.>What is concurrent hashMap And how its work?

Ans🡺

Q29.>How to create our own unchecked Exception?

Ans🡺

Q30.>When we use static method and when we use instance method?

Ans🡺

Q31.>What is diff b/w Runnable and Callable interface in multithreading?

Ans🡺

Q32.>what is the strategy design pattern? where it is used and why?

Ans🡺

Q33.>What is basic diff b/w HashMap and ConcurrentHashMap?

Ans🡺

Q34.>How HashMap and HashTable internally work.?

Ans🡺

Q35.>Internal Implementation HashSet?

Ans🡺

Q36.>What is Boiler plate code problem?

Ans🡺

Q37.>How internally controller work in spring?

Ans🡺

Q38.>What is diff b/w checked Exception and Unchecked Exception ?

Ans🡺

Q39.> what is the methods present in Iterator?

Ans🡺

Q40.>what is the return type of hashNext() and next() method?

Ans🡺

Q41.>why servlet is called Controller?

Ans🡺

Q42.>How can we generate jsp equivalent servlet outside the server?

Ans🡺

Q43.>Are Annotation better than XML for configuration spring?

Ans🡺

Q44.>Spring-MVC flow of Execution?

Ans🡺

Q45.>why we take password char [] is preferable in comparing String?

Ans🡺

Q46.>What is the use charAt() method? Almost we are using charAt() in many

String type problem?

Ans🡺

Q47.>How TreeSet internally work? Why TreeSet doesnot allow heterogenous

Object?

Ans🡺

Q48.>When we use spring jdbc and when we use Hibernate?

Ans🡺

Today's CTS interview question(Experience 2-4yrs)

Technical Round:-  
= = = = = = = = = = = = =   
\*Core-java  
\*\*\*\*\*\*\*\*\*\*\*\*  
Q1> Tell me the internal flow of Set implementation class with one example

Ans🡺  
Q2> In HashMap if hashing collision occure then how to resolve it

Ans🡺   
Q3> can we add duplicate in set and map if yes why write one code

Ans🡺  
Q4.> Read data from file find the duplicate word and count them and sort them

in descending order?

Ans🡺

Q5.>where to use Comparable and where to use Comparator did you ever used

in your project?

Ans🡺  
Q6.> what is bubble sort can you write one programme. .?

Ans🡺  
Q7.> can I write try block single means without using try-catch or try-finally

Ans🡺  
Q8.> what is Executor framework ?

Ans🡺  
Q9.> how many way we can create thread and which one best approach

and why ?

Ans🡺

Q10.> Jdk version u r using in ur project and why (be care on that question

bcoz they indirectly ask u the advantages of version or latest

features added in New version )

\*Jdbc:-  
\*\*\*\*\*\*\*\*\*\*  
Q1.> Difference between Statement and PreparedStatement?

Ans🡺  
Q2.> they give one db schema and ask me to retrieve data from DB by passing id

**\*Jsp:-  
\*\*\*\*\*\*\*\*\***  
Q1.> what is Life cycle of jsp?

Ans🡺   
Q2.> List down the implicitly object?

Ans🡺  
Q3.>what is the use of c tag library?

Ans🡺

**\*Spring :-  
\*\*\*\*\*\*\*\*\*\***  
Q1.>What is RowMapper.? when we have to use it write sample code

not completely just give sm hints with flow ?

Ans🡺  
Q2.>what is ResultSet Extractor where exactly we have to use.

Ans🡺  
Q3.> if in my Spring bean configuration file I configure same bean with same

id 2 times then what is the problem and how to resolve it (contender).?

Ans🡺  
Q4.> Spring Mvc Flow as per your Project?

Ans🡺  
Q5.>Spring transaction, why and how to work on it.

Ans🡺  
6. How u handle Exception in your Project just give some brief idea on it

with annotation?

Ans🡺

**\*Webservices :-  
\*\*\*\*\*\*\*\*\*\*\*\*\*\***  
Q1.> WSDL ,what are the elements and just explain the role of each

section verbally?

Ans🡺   
Q2.>what is Rest,

Ans🡺   
Q3.> Difference between Soap and Rest?

Ans🡺   
Q4.>Write one Resource method using Http method Post.?

Ans🡺

Q5.>which Response u provide to presentation layer and how to

bind Json Response?

Ans🡺   
Q6.>Difference between @QuerryParm and @PathPatm which one best

and where to use.

**HR Round:-  
= = = = = = =**   
1. Tell me about u .not professional details just tell me personal details   
2. Tell me about your payroll company.?  
3. Expected CTC   
4. Why that much any reason   
5. Notice Period, is it negotiable?

**First technical round:-   
=================**  
Q1.>What is ConcurrentModificationException, Write one Sample program for

it and how to resolve it..

Ans🡺  
Q2.>What is method overloading, write sample code with real world example

Ans🡺  
Q3.>Did u use collection in your project ,where ?

Ans🡺  
Q4.>Write Sample dao class and configuration in spring annotation.?

Ans🡺

Q5.>wait() ,notify() write code that one thread will print even and another

will print odd sequentially ?

Ans🡺

Q6.>Reverse an integer value without using String class ?

Ans🡺  
Q7.>Where you are using webservices in your project architecture

Ans🡺

Q8.>Develope one sample Rest Resource with all the HttpMethod based on

your project scenario?

Ans🡺  
Q9.>How u display huge amount of records data in UI ?

Ans🡺

Q10.>which server you are using to develop Rest Api ?

Ans🡺  
Q11.>Version no of your server?

Ans🡺  
Q12.>Which dataSource you are using ?

Ans🡺  
13.What is Load on start-up how it works ?

Ans🡺  
Q14.Which response you are providing to UI through Rest

Ans🡺

**Second round technical:  
==================**

1.Project Description  
2.What is WSDL ? which MEF u r using and why ?  
3.Which approach u r using to develope Webservice and why ?

4.How u can write wsdl if i have huge amount of data read from database means   
Sample Ex:-  
========  
interface xyz{ public List<Product> getAll(); }  
5.R u used Singletone in your project why and where ?  
6.How u deploy your code to see the functionality..   
7.Did u ever try to see the functionality of your project UI-->SERVICE--->DAO (End to End) how u check this one

8.Defect test which tool you are using ?   
 9.What is mvn and what is the advantages ?

**Third round:-(P M R)  
=================**  
1.Project Functionality (Non-technical flow)  
2.How u write Junit case write a sample code  
3.Which methodlogy u are using tell me ur complete work responsibility   
4.Sprint duration estimate ?  
5. Puzzle --- i have 8lt ,5lt nd 3lt jar ...but i have all total 8 lt water then tell me how to manage 4lt nd 4lt in first 2 jar ..u can use 3lt jar for measure and balancing  
6.i have 9 ball and 1 ball is more weight and i have one measurement device/Weight balancer machine how can u find out heavy weight ball tell me within 2 step  
7.If your junit test case fail then what wil u do

Fourth round (H.R):  
============= ===  
1.Why u looking for change ?   
2.Current CTC ?  
3.Expected CTC ?  
4.Are you agree for relocate ?  
5.Notice Period ?  
6.How u came today ?  
7.in Which zone u r working (Company address) ?   
8.Are u handel both develop and testing part ?  
9.Have u passport/pancard ?   
10.tell me your parent company location ?  
Some question i forgot ..

**HCL INTERVIEW QUESTION(3-4exp)  
==============================**  
**Core-Java----1 st round  
===================**  
1.Interface & abstract class  
2.How can u achive Abstraction With Real Time Example(Project)  
3.In your Project Where u are using oops concept..  
4.Encapsulation u are using in ur project in which layer.  
5.To override all the method from super which keyword we have to use.and why  
6.Why abstract class achive less abstraction why not interface.  
7.Write 5 classes which u r develope in your project with fully qualified name  
8.What are the exception u face in ur project development and how u resolve them explain  
9.Why u are using Spring-jdbc why not hibernate  
10.Which security u are using..  
11.Level of log(Which one u use in your project)

**Second-Round(CoreJava+Spring)  
===========================**  
1.What is abstraction   
2.How to create own immutable class write code  
3.What is singletone ,In your project did u use singletone ,Where write code  
4.Why List allow duplicate why not Set with internal  
5.What is Dependency Injection  
6.Which type of Injection u are using in ur project and why..  
7.What is autoware,Type explain with sample code  
8.Which version Spring u used..  
9.What are the annotation u are using in ur project  
10.Write Spring-transaction configuration  
11.Spring-Transaction annotation details with attribute why  
12.@Qualifier annotation use with example   
13.@RequestParm and @ModelAttribute where we have to use..  
14.What is ur daily activity in ur working environment

Project Description Asked in both round

**Hr round:  
========**  
1.Current company location ?  
2.Which block  
3.Show me ur employee-Idcard  
4.If u forget to take then call any one who will send it to u r8 now  
5.are u agree to submit 1 yr form 16  
6.are u agree to submit 2yr bank statement  
7.Expected ctc  
8.(If more than 30% hike u want why ...)