L1 Preparation:

* Oracle
* OOPS & UML
* Web Basics
* SE
* Java

Collections

JDBC

Static import

Finalize()

Enums

* Servlet

Server side programming.. two tier and three tier acrch.. web container.. JEE container.. application/web server..

---Middleware=Application Server = Wildfly  
xml files in wildfly (configuration files)..

Servlet 3.0, need web.xml ?

Adv of servlet

Servlet API

Life cycle of servlet

When request comes, how many servlets are created?

Genericservlet vs HttpServlet

Annotations \*\*\*\*

ServletContext vs servletConfig

How many servletcontext/config will be created..

Request/Response object methods

Standalone.xml

sendRedirect vs RequestDispatcher

cookies:add data,size of cookies,set and get data..

session ->parameters(true,false,null).. isNew()?.. maxInactiveTime..

xml max inactive? Minutes or seconds?

* JSP

Features of JSP:

**Portability,composition(components currently supported are javabeans and servlets),processing**

Model 1 /Model 2 Architecture

Life cycle methods

Tags

Script centric(<%>) and component centric(<%jsp:) tags

Output comment( <!-- --!> )

Hidden comment( <%-- --%>)

8 implicit objects in jsp

Page,include,taglib (directives)

JSP action.. include,forward

JSTL

Web Services:

SOAP vs REST

Return type of RESTFUL? , return type of SOAP

Persistance: @Entity,Primary Key: @ID

Persistance life cycle

Difference between EntityManager & EntityManagerFactory

OCA:

Static method cannot call a non static method without creating an object of that particular class.

a=10;

Sysout(a+3+”asdf”) 🡪 13asdf …first arithmetic addition and then concats..

Sysout(“asdf”+a+3) -> asdf103… concats string first so considers whole of it as string.

legal variables:

int \_a,int $a,int a,int a1;

int a=100\_000\_000; // ==100000000 ..its for readability (java 7).

illegal variables:

int 1a;

int #a;

int 99a;

int a#;

variables in inheritance ?? Eclipse!

Constructor in inheritance ??