# SAP BASIS/NETWEAVER SYLLABUS

Topics

1) **Introduction to ERP & SAP**
- Need to an ERP package in Enterprises
- Differences Between various Versions of SAP
- Advantages with SAP
- Overview of SAP system landscape
- Role of different consultants in SAP Environment
- **Architecture of SAP R/3**
- SAP System Landscape
- The R/3 Architecture
- Different releases in SAP
- Different servers that you see in Realtime
- Realtime  System Directory Structures
- Server & Work process Maintenance
- Role of Dispatcher, and message service
- Role of a Workprocess and different types
- Transaction execution model
- Role of SAP MMC, SAP GUI
- Server start/stop procedures in Unix/Windows

2) **R/3 & NW Installation**
- Different Screen elements of Easy Access screen
- Basic transaction codes
- Server sizing calculating SAPS
- SAP PAM understanding and overview
- Introduction to SAP Implementation
- Different  types of implementation topologies
- Overview of  Central system, Distributed, and High Avialiblity intallations
- Packages required for installation
- Typical and custom installation
- SWPM understanding
- Installation directory and important installation files
- Trouble shooting installation errors
- NW Different Stages in Implementation

3) **Daily Health Checks**
- Check of Active Application Servers
- Check for Work Process Status for all App Servers
- Check for System logs
- Check for ABAP Dumps
- Check for Lock Entires

- Check for Background Job Status
- Daily Health Checks
- Check for Database Growth
- Check for status of Db related Periodic jobs as per the DB Calender
- Check for Logon Load Balancing
- Check SAP System Performance or Avg Response Time
- Check for Logged on Users
- Check for Updates
- **Advance Transport Methodology**
- Configuring Transport Management System
- Terminologies used in STMS.
- Backup Domain Controller
- Transport Routes
- Creation of Transport Layers
- Various TP Options
- Authorization Objects involved in Transport Process
- Different types of Changes requests
- Releasing and transporting change requests Prepared

4) **Support Packs & Kernel Upgrades**
- Importing SP from Market Place
- Applying Support packages
- Checking Pre-requisits before applying SP
- Importance of Transport Dir in applying SP.
- Troubleshooting various issues
- Support Packs & Kernel Upgrades
- Applying Plugin / Addons
- Installing Support packages
- SPAM/SAINT upgrade
- Applying Stack
- Kernel Upgrades
- Pre-Requisits Before Post & Pre Kernel Upgrades
- TP Upgrades

5) **Security (User & Role Administration)**
- User Adminsitration
- The concept of Roles & Profiles
- Introduction to Profile Generator
- Working with Authorization objects
- Working with Multiple user options.
- Security (User & Role Administration)
- Mass User Creation
- Mass Role Generation
- Mass User Locking & Unlocking
- Derived & Parent role Concepts.

- SU53 Analysis
- Running & Analyzing Trace
- Insight into Various 3rd party Security Tools

**6) Spool Administration**

- Introduction to SAP Spool system
- Working with Spool Administration options
- Creating new printers, settings
- Creating and working with spool servers
- Working with rollover and load balancing servers
- Troubleshooting spool related issues
- **SAP Admin for Oracle Database**
- Introduction to Oracle DB Architecture
- Introduction to sapdba
- Database Space Management
- Procedure for Increase extent value for index partition
- Reorganization of Table Space using SAP DBA
- Use of BR* Tools
- Performing Regular Backups
- Checking the user own jobs
- Working with background job options

**7) Advance Transport Methodology**

- Transporting the Objects within and Between 2 Systems.
- Trouble Shooting & Logs
- **Client Administration**
- Introduction to client Copy
- Client Creation & Deletion
- Local & Remote Client Copy
- Client Export and Import
- Working with Client Logs
- Client Administration
- Various client Profiles & Authorizations
- Copying Clients within the sytems
- Copying Clients between the systems
- Transporting clients between systems
- Error Handling

**8) CCMS Administration**

- Introduction
- Checking alerts
- Configuring mail alert
- SMTP Configuration

**9) Profile Adminsitration**

**10) Operation modes Administration**

**11) BackGround Job Adminsitration**

- Overview of Background Jobs
- Creating a background Job
- Using Background Wizard
- Analysisng BG logs
- Working with background job options
- BackGround Job Adminsitration
- Standard Background Jobs
- Suspend & Restart all the Scheduled BG Jobs
- How to stop released BG Job
- Analysisng BG logs
- Working with background job options

**12) Performance & Troubleshooting**

- Performance Analysis @ OS ,SAP application and Database level

**13) Memory Management**

- Types of Memory
- Memory allocation sequence
- Important memory parmeters
- Troubleshooting memory problems
- Types of Buffers

**14) Database Space Management**

**15) Top 10 Problems**

**16) Performance & Troubleshooting**

**17) Performing Regular Backups**

- Monitoring the Backup
- Trouble Shooting Backup Failures
- Procedure for Increase extent value for index partition
- Reorganization of Table Space using SAP DBA
- Use of BR* Tools

**18) Relatime Tickets & Solutions**

**19) File System Issues**

**20) Table Space & Max Extent**

**21) Language Imports**

**22) Oss Notes Applications**

**23) Advance Tools used in Realtime**

**24) SSO(Single Sign On)**

**25) Various Ticketing Tools**

**26) Insight into CUA**

**27) Various 3rd party Backup Tools**

**28) SAP Router & RFC**

**29) JAVA system installation**

- Java architecture
- Java system administration overview
- Important java system directories
- Using JSPM

- UME engine
- Important  java kernel exes
- Java components upgrade
- Netweaver Components
- Introduction to NetWeaver and EP systems.
- Netweaver Components

30) **Introduction to Solution Manager**.

- Solution manager configuration
- Mopez configuration
- SAP stack generation

**31) OS & DB migration over view**

- SYSTEM copy over view
- Doing a system copy on oracle

**32)  SAP UPGRADE AND EHP overview**

- SAP EHP Upgrade over view
- SAP  Version upgrade over view

# Insight into all the above topics

# **Realtime FAQ s and Solutions**

# Insight into Resume Preparation

# Mock Interviews

# Total time to cover this syllabus is

# 60 hours