



Course Main Topics

Object Oriented ABAP (OOABAP)

WebDynpro ABAP (WDA)

Interview FAQs & Resume Preparation

Conduct MOCK Interviews & Preparation

Course Duration

40 Hours

Course Mode

Online

System Access

60 Days (from Course start)

Study Material

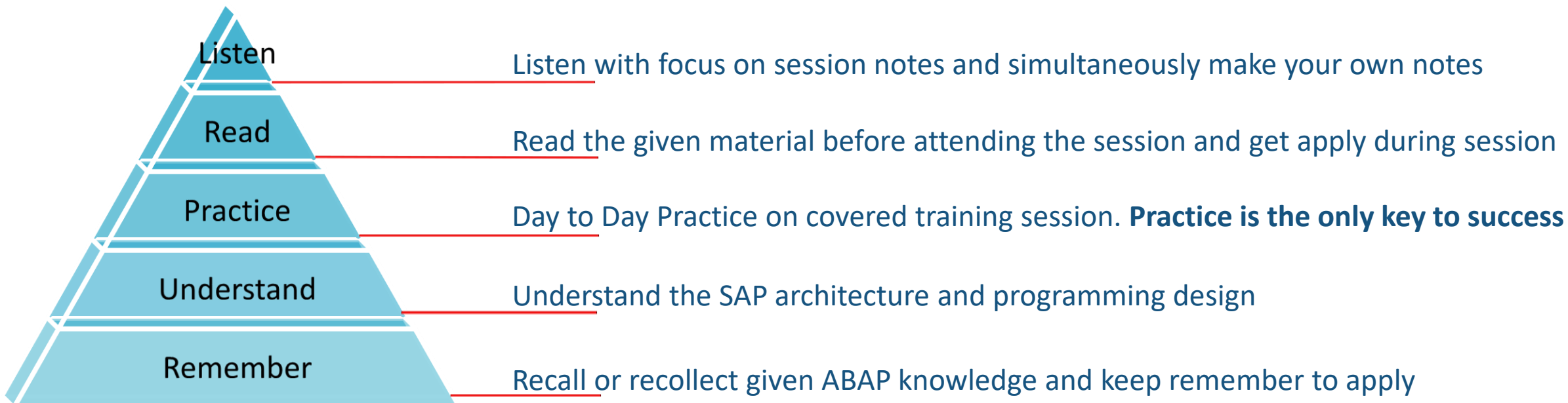
Effective Technical Support
SNTech GS Easy Study Material
Many More Online Material links provided

SNTech Faculty

Take care at individual candidates to maintain constant knowledge & Clarifications



Learning Strategies: SNTech GS request every participant to strictly follow this strategy for their bright future ahead



Inspiring quote: "All of us do not have equal talent. Yet, All of us have an equal opportunity to develop our talents"

- by Ratan TATA



OOABAP – Course Content

Topic 1 Object Oriented ABAP [OOABAP]

Transaction Code: SE24

- What is Object Oriented ABAP and Concepts ?
- SAP Class Builder Introduction
- Write First SAP class

Topic 2 Working with class methods in OOABAP

- Class methods and creating methods in sap classes
- Create a class method to get material details in SAP OOPS
- Using table types in methods in SAP classes
- User-defined types in SAP Classes

Topic 3 Events in Object Oriented ABAP

- What are Events in SAP classes ?
- Example of using Events in SAP OOABAP classes

Topic 4 Constructors in SAP OOABAP

- What is CONSTRUCTORS in SAP OOABAP ?
- Using Constructor method in SAP OOABAP
- Using CLASS CONSTRUCTOR in SAP OOABAP



Topic 5 Interfaces in SAP OOABAP

- Interface Concept in Object Oriented ABAP
- Creating Class Interface in SAP OOABAP
- Using aliases for interface methods in SAP OOABAP

Topic 6 Inheritance in SAP OOABAP

Transaction Code: SE24

- Inheritance in SAP OOABAP
- Using inheritance in SAP OOABAP

Topic 7 Local Classes in SAP OOABAP

- What is a local Class in OOABAP ? Properties of local class in OOABAP
- Local class with attributes in OOABAP

Topic 8 Local Classes with methods in OOABAP

- Local class with methods in SAP OOABAP
- Local class with tables in SAP OOABAP
- Local class with user-defined types in SAP OOABAP

Topic 9 Events in Local Classes in SAP OOABAP

- Local class with event and event handler method in SAP OOABAP



Topic 10 Local class constructor in OOABAP

- Using CONSTRUCTOR in local class
- Using CLASS-CONSTRUCTOR in SAP Local classes

Topic 11 Interfaces in local classes in SAP OOABAP

- Creating and Using interfaces in Local Classes in SAP OOABAP

Topic 12 Inheritance in local classes in SAP OOABAP

- Using inheritance in local classes in SAP ABAP Using inheritance in SAP OOABAP

Topic 13 Developing ALV using OOABAP

- Introduction to ALV using OOABAP
- ALV with structure using OOABAP
- Using field catalog in OOALV

Topic 14 ALV Factory Method with OOABAP

- ALV Using Factory Methods using OOABAP
- ALV factory method with user defined types
- Hotspot in ALV with OOABAP factory methods
- Interactive ALV with factory method using events
- Totals and Subtotals in ALV factory methods
- Top of page and end of page in OOALV with factory methods

Topic 15 Singleton Pattern on ABAP Objects

- Singleton Concept in Object Oriented ABAP
- Creating global singleton class in OOABAP
- Creating Local singleton class in OOABAP

Topic 16 Exception Handling in SAP OOABAP

- Handling exception using standard exception classes provided by SAP
- Handling exception using customized exception classes



Web Dynpro ABAP – Course Content

Topic 1 Introduction to WebDynpro ABAP

Transaction code : SE80

- Outlining the Benefits of Web Dynpro
- Explaining Web Dynpro Architecture
- Navigating Between Views
- Using View Assemblies
- Explaining Web Dynpro Architecture and Relationships Between Entities
- Usage of Assistance Class
- Faceless Component

Topic 2 WebDynpro Controllers

- Explaining Web Dynpro Controllers
 - Component Controller
 - Window Controller
 - View Controller
 - Interface Controller

Topic 3 WebDynpro Context at Design Time

- Defining the Context
- Setting Context Node Properties
- Context Mapping



Topic 4 WebDynpro User Interface

- Defining the View Layout
- Data Binding and Controlling UI Element Behavior
- Using Composite UI Elements and Static Context Menus

Topic 5 WebDynpro Controller and Context Programming

- Understanding Controller Methods and Attributes
- Using Controller Methods to Access the Context at Runtime
- Adding New Elements to a Context Node
- Implementing Supply Functions

Topic 6 WebDynpro Internationalization and Messages

- Using ABAP Dictionary Texts and the Online Text Repository
- Implementing an Assistance Class
- Reporting Messages

Topic 7 WebDynpro Value Help and Semantic Help

- Providing Value Help, Value Selectors, Semantic Help, Keyboard Access



Topic 8 WebDynpro Dialog boxes (Popups)

- Creating Dialog Boxes

Topic 9 WebDynpro Component Reuse

- Reusing Web Dynpro Components
- Declaring a Component Usage
- Implement Advanced Aspects of Component Reuse

Topic 10 WebDynpro Adaptation Techniques

- Adapting Web Dynpro Applications
- Configuring Web Dynpro Applications
- Enhancing Web Dynpros
- Modifying the Context at Runtime and the UI at Runtime

Topic 11 WebDynpro Additional Topics

- Using SAP List Viewer (ALV) in Web Dynpro for ABAP
- Integrating Web Dynpro in the Portal
- Monitoring and Debugging Web Dynpro Applications