**1. In which controller type can you embed a service call? (correct)**

Configuration controller

Component controller

Interface controller

View controller

**2. the update function modules. Which statement can be used to discard all update requests for the current SAP LUW? (2 correct)**

MESSAGE exxx(nnn).

ROLLBACK WORK.

EXIT.

DELETE UPDATE.

MESSAGE axxx(nnn).

**3. Which of the following statements are correct? (3 correct)**

An enhancement spot can contain either an explicit enhancement point and enhancement section or a new BAdI only, but all three cannot be in the same enhancement spot.

An enhancement spot can contain one or more simple or composite enhancements.

An enhancement spot can contain an explicit enhancement point, explicit enhancement section, and new BAdI.

An enhancement spot can contain an explicit enhancement point and an enhancement section.

**4. Which of the following features do you have to consider when you use shared objects? (3 correct)**

Concurrent read accesses are supported

Memory bottlenecks result in ru4.ime errors and have to be caught

Data is saved as attributes of objects

Data is saved as tables of objects

Concurrent write accesses are supported

**5. You are writing a function module that will be called from external system via remote function call (RFC). How do you report an error back to the external caller? (correct)**

Write the error data into an EXPORTING parameters passed by reference.

Write the error data into a CHANGING parameters passed by value.

Write the error data into TABLES parameters that is passed by reference.

Write the error data into a RECEIVING parameter that is passed by value.

**6. Which must a search help do? (4 correct)**

Be used from a screen

Have a dialog with the user

Allow the user to select a

Determine the values for selection by the user

Use a table or a view for data selection

**7. When should you use a hashed internal table? (2 correct)**

When accessing by index

When accessing mainly single records

When accessing by secondary key

When accessing using the left-justified part of the key

When accessing always by primary key

**8. Which data types are incomplete ABAP standard data types? (3 correct)**

I F C N P

**9. How would you find out if an application program offers a program exit? (3 correct)**

Use the Repository Information System  
 Search for the character string CUSTOMER-FUNCTION  
 Look for a customer exit in the SAP reference IMG within an application area.  
 Use the Application Hierarchy

**10. You want to develop a program that processes character type data. When you implement the program, you can either use the classical string statements or the newer strings expressions and functions. What are the main benefits of using string expressions and string functions? (2 correct)**

You can improve the performance significantly.

You can reduce the number of intermediate variables.  
 You can write compact syntax instead of a long sequence of statements.  
 You can write code that is very easy to read and understand.

**11. You write a report that displays mass data in a table. You decide to use the ALV Grid control (class CL\_GUI\_ALV\_GRID) instead of a classical list display with WRITE statements. Which of the following functions can you offer to the user without doing any specific programming. (2 correct)**

Change column width and sequence.  
 Convert currency amount columns.  
 Sort and filter the data by any column.  
 Display details by double-clicking on a row.

**12. Where should the labels for fields be stored? (1 correct)**

Field  
 Table  
 Structure  
 Data element  
 Domain

**13. You build a dialog screen with an input field in an ABAP program. How do you ensure that the contents of the screen field can be accessed in the program? (1 correct)**

Enter the name of a data object in the Paramter ID attribute of the screen field  
 Use a MOVE statement in a PAI module to copy the data to a data object  
 Use the GET statement in the program to transport the data from the screen field  
 Define a data object in the program with the same name as the screen field

**14. After which statement will the runtime system initialize the ABAP memory (internal session). (1 correct)**

CALL TRANSACTION  
 SUBMIT… AND RETURN  
 SUBMIT

LEAVE TO TRANSACTION

**15. How can you maintain documentation for input fields on your screen? (1 correct)**

Add documentation to the SCREEN table at PROCESS AFTER INPUT (PAI).  
 Define text tables for the underlying structure.  
 Add documentation to the SCREEN table at PROCESS BEFORE OUTPUT (PBO).  
 Add documentation to the underlying data element.

**16. Which of the following statements about the Object Navigator are true? (4 correct)**

The ABAP Dictionary can be maintained in the Object Navigator.  
 You can create BAdI implementations in the Object Navigator.  
 You can create customer projects (Transaction CMOD) in the Object Navigator.  
 Menus can be displayed and edited in the Object Navigator.  
 Screens can be displayed and edited in the Object Navigator.  
 ABAP programs can be displayed and edited in the Object Navigator.

**17. What process is used to establish the automatic transport of data between the view controller's context-attributes and the UI element in its layout? (1 correct)**

View assembly  
 Context mapping  
 Data migration  
 Data binding

**18. Which objects are automatically created when you create a new function group? (1 correct)**

A function pool and two include programs  
 A function pool and two subroutine pools  
 A function pool and two function modules  
 A function pool and two module pools

**19. What are the prerequisites when creating an append structure for a standard SAP table? (2 correct)**

The enhancement category of the table is NOT set to ‘Not enhaceable’  
 The table cannot have any fields of type FLTP  
 The table must be copied before the append structure can be created  
 The fields in the append structure should start with YY or ZZ  
 **20. You want to define two database tables with different structures. Both tables should contain the fields CHANGE\_DATE and CHANGE\_TIME. How do you implement this in order to minimize the maintenance effort? (1 correct)**

Define an append structure with these two fields and assign this append structure to both database tables.  
 Define a structure with these two fields and include this structure in both database tables.  
 Define the two fields in each database table separately.  
 Define the two fields in one database table and copy them to the other database table.  
**21. How is an ABAP program with several dialog steps executed? (1 correct)**

Usually, dialog steps are assigned to different dialog work processes.  
 The program is always executed in just one dialog work process with roll out.  
 The ABAP dispatcher takes over the entire execution without assigning any work process.  
 The program is always executed in just one dialog work process without roll out

**23. Which statement will interrupt the processing of the current screen and branch to new screen? (1 correct)**

CALL SCREEN <NNNN>  
 LEAVE TO SCREEN <NNNN>  
 None of the above  
 SET SCREEN <NNNN>

**24. What does SAP recommend that you use a hashed table? (1 correct)**

When a table is very large and you want to access the table by index only.  
 When a table is very large and you want to access the table by key only  
 When a table must be accessible by both index and key  
 When a table must be sorted automatically by key in ascending order

**25: Which does the field catalog allow you to do? (3 correct)**

Add a field to the display  
 Change the display order of a column  
 Specify the sort order of the display table  
 Change the title of a column

Produce a striped pattern for the display lines

**26: You Created the following ABAP Code:**

**----------------------------------**

**DATA x TYPE REF TO DATA**

**DATA y TYPE REF TO OBJECT**

**ASSIGN x TO <fs>**

**ASSIGN y TO <fs>**

**----------------------------------**

**You want to add a declaration of <fs> to the Code.**

**Which of the Following Declarations are Valid? (2 correct)**

FIELD-SYMBOLS <fs> TYPE ANY?  
FIELD-SYMBOLS <fs> TYPE REF TO ANY  
FIELD-SYMBOLS <fs>  
FIELD-SYMBOLS TYPE REF TO DATA

**27: Which hook method exists for all controller types? (1 correct)**

wddoonopen( )   
 wddoonclose( )   
 wddoinit( )  
 wddobeforenavigation( )

**28: When you add programming logic to your ABAP program that checks authorizations, which of the following do you have to create? (2 correct)**

An authorization object  
 An authorization Access  
 An authorization role  
 An authorization profile

**29: When included in a structure, which elementary field types allow the structure to be considered a character-type data object? (4 correct)**

C / D / N / X / XSTRING / F / T / I / STRING

**30: What happens when an authorization check fails? (1 correct)**

The system field SY-SUBRC is set to a value other than zero.  
A CX\_AUTH\_FAILED type exception is raised.  
The program is terminated.  
A type E message is displayed.

**31: You add the CREATE PROTECTED addition to a class definition.From where you can instantiate the class?**

**(3 correct)**

From the class itself  
From any protected class  
From a friend class  
From a child class  
From a parent class

**32: What is data binding? (1 correct)**

Connecting an outbound plug on one view to the inbound plug of another view  
Connecting the values of user interface elements to the context attributes of the corresponding controller  
Connecting a context node in one controller to a context node in another controller  
Connecting one Web Dynpro component to another Web Dynpro component

**33: Which of the following statements regarding search helps are true? (3 correct)**

Help views can also be used for the selection method for search help.  
You can use a maintenance view for the search help selection method.  
You can use transparent tables for the search help selection method.  
You can use a database view for the search help selection method.

**34: You can use the logical expression IS SUPPLIED for any formal parameter passed to which modularization unit?**

**(3 correct)**

Instance method  
Subroutine   
Static method  
Function module

**35: You need to perform a downcast. What should you do? (2 correct)**

Use the operator “=“.  
Perform the downcast only if an upcast has already been done for the object reference.  
Assign a subclass reference to a superclass reference.   
Catch the exception CX\_SY\_MOVE\_CAST\_ERROR.

**36: How many work areas are available in the Debugger? (1 correct)**

7 / 9 / 12 / 15

**37: Which of the following conditions must be fulfilled when using a GROUP BY clause in a SELECT statement?  
(2 correct)**

The fields after GROUP BY must have a character type.

The SELECT statement must also have a WHERE clause.

The table in the FROM clause must be a transparent table.   
All fields in the SELECT clause that are not part of an aggregate function must be listed after GROUP BY.

**38: Which of the following can you do with the ABAP debugger? (3 correct)**

Analyze SQL traces.

Analyze memory usage.  
Change source code.   
Analyze internal tables  
Compare data objects.

**39: What is the default length of the type C data type? (1 correct)**

1-65535 / 100 / 1 / 10

**40: Which of the following are valid control level changes within a loop over an internal table?  
(2 correct)**

END of <f>  
COLLECT  
at LAST

SUM

**41: When is an ENDSELECT not required for a SELECT? (3 correct)**

When the FROM is a view  
When you specify into a table  
When you do a SELECT SINGLE  
When you specify a join of tables  
When you specify appending a table

**42: Which data element property do you set so that the system logs changes to the content of fields with this data element? (1 correct)**

Change document  
Documentation  
PARAMETER ID  
Input history  
**43: What does the enhancement category for a database table or structure do? (3 correct)**

Makes a table Unicode-compliant  
Can identify where program behavior may change  
Can produce warnings at incompatible points for the structure  
Specifies the types of changes that can be made to the structure

**44: Which of the following must you do to be able to use a Business Add-in(BADI)? (2 correct)**

Modify the adapter class

Write code for methods  
Activate the enhancement project (customer exit)  
Create the BADI implementation

**45: You want to move a transport request from the development system to the subsequent system. Which of the following are prerequisites for this? (2 correct)**

All objects included in the transport request must be activated.  
The transport request must be released  
All tasks of the transport request must be assigned to the same user.   
The extended program check must show no warnings.

**46: What is the event block that all of your code changes belongs to if you do not explicitly code any event blocks in an executable program? (1 correct)**

START-OF-SELECTION  
INITIALIZATION  
LOAD-OF-PROGRAM  
AT SELECTION-SCREEN OUTPUT  
**47: What will happen at runtime when accessing a buffered table? (1 correct)**All SELECT statements will read data from the buffer.  
Following an update to a buffered record, all table buffers in the system will be updated

If table data is read using indexes, the table buffer will not be filled.   
If data is read from the table buffer, the existing indexes are not used.

**48: You want to add a field ZZPRICE to the SAP standard transparent table EKKO.**

**Which of the following actions result in an enhancement of the SAP standard? (2 correct)**

Insert ZZPRICE at the end of the table  
Insert ZZPRICE into an SAP structure for the table  
Create an append structure and add ZZPRICE to it.  
Add ZZPRICE to the customizing include for the table

**49: Where are fixed values for fields stored? (1 correct)**

Table  
Domain  
Structure  
Data element  
Field

**50: Which of the following ABAP data types are compatible with the generic character-type CLIKE?**

**(3 correct)**

N / STRING / XSTRING / C / DECFLOAT

**51: What are the advantages of defining texts symbols in executable programs? (2 correct)**

The same text symbol can be used by other programs  
They facilitate multilingual functionality  
Then can store up to 256 characters  
They are easier to maintain than literals

**52 :When would you call the RFC function module synchronously? (2 correct)**

During two-way communication  
During queue processing  
During unidirectional communication  
During interactive communication

**53: The statements CALL BADI and GET BADI are used for which type of BAdIs? (1 correct)**

Classical BAdI  
None of the above  
New BAdI  
Classical?DDic

**55: Which of the following ABAP statements throws an error at the syntax check? (1 correct)**

DATA variable(5) TYPE p.  
DATA variable(5) TYPE t.  
DATA variable.  
DATA variable(5) TYPE n.

**56: What can you do with the code inspector? (2 correct)**

Create your own inspections, object sets and check variants  
Create an object set to represent the programs and objects to be inspected  
Create only local inspections, objects sets and check variants

Choose from only the performance, security and user interface check categories

**57: Which comparison operators can you use in a logical expression related to the WHERE clause of?the SELECT statement? (3 correct)**

EQ (equals)  
LIKE (fits pattern)  
CP (contains pattern   
CO (contains only)

GT (greater than)

**58: Which controller types can exist within a Web Dynpro component? (3 correct)**

Window controller  
View controller  
User controller  
Component controller  
Application controller

**59: What is the SAP recommended naming convention for append structures of standard SAP tables? (1 correct)**

The name of the append structure must start with ZA.  
The components of an append structure should start with Z or Y.  
The name of the append structure must start with ZZ or YY.  
The components of an append structure should start with ZZ or YY.

**60: You enhance an SAP standard global class by defining a post-method for an SAP method. The original SAP method has an EXPORT parameter named PARM1. Which parameters does the post-method have? (1 correct)**

A RETURNING parameter named PARM1  
An EXPORT parameter named PARM1  
An OMPORT parameter named PARM1  
A CHANGING parameter named PARM1

**61: dbtab is a transparent table. What is declared by the following statement? DATA myvar TYPE dbtab.**

**(1 correct)**

An elementary field  
A structure variable  
A reference to an internal table  
An internal table

**62 You have 2 objects: O1 of type class C1 and O2 of type class C2.**

**Class C2 is a subclass of class C1. Which of the following statements implements an upcast? (1 correct)**

MOVE O1 TO O2.  
MOVE O1 ?TO O2.  
O1 = O2.  
O2 ?= O1

**63: Which of the following is a true statement? (2 correct)**

An access key is required to enhance an SAP application using a user exit.  
An access key is required to implement an implicit enhancement point.  
An access key is required to implement business add-ins.  
An access key is required to modify SAP repository objects.

**64: Each work process… (3 correct)**

Can make database changes spanning multiple database LUWs.  
Uses a pool of database connections established when the SAP NetWeaver Application Server ABAP started.  
Is independent of other work processes.  
Can only make database changes within a single database LUW.  
Uses a database connection to a work process established when the SAP NetWeaver Application Server ABAP started.  
**65 Which of the following capabilities is provided by the Application Layer platform of SAP Netweaver? (1 correct)**

Database and operating system abstraction  
business process management  
Multi-channel access  
Master data management

**66: You have defined a classical screen (dynpro) with mandatory input fields. You want to exit the screen using the Cancel button even if not all of the mandatory fields have been filled. What is necessary to achieve this? (1 correct)**

Assign function type E to the Cancel button and handle it in a module with the addition AT EXIT-COMMAND.  
Set the function code assigned to the Cancel button to CANCEL and handle it in a module with the addition AT EXIT-COMMAND.  
Use the LOOP AT SCREEN. ... ENDLOOP statement to set the "required" property of the input fields to zero.  
Set the function type assigned to the Cancel button to S and handle it in a module with the addition AT EXIT-COMMAND.

**67: Which of the following steps are required to set up a shared memory area? (3 correct)**

Declare a catalog object  
Enable multiple versions of an area root class  
Call the attach\_for\_write method of area root class  
Generate an area root class  
Set the root object

**68: What is unique about a singleton? (2 correct)**

It cannot be defined as FINAL.  
It must be instantiated using a public instance constructor.  
It must be instantiated using a protected instance constructor.  
It must be instantiated using a private instance constructor.  
It must be instantiated using a static protected constructor.  
It must be instantiated using a static public constructor.  
It must be defined as FINAL.

**70: How would you define a method of an ABAP class to prevent this method from being available in a subclass?**

**(1 correct)**

Final  
Private  
Protected  
Abstract

**71: A structure has enhancement category 3, can be enhanced (character-type).Which set of elementary types is allowed for the new fields? (1 correct)**

C,D,N,X  
D,I,string, T  
C,D,N,T  
F,I,P,X

**72: Which components of the class can be accessed in the implementation of a static method in that class?**

**(2 correct)**

Instance attributes  
Types  
All events  
Constants

**73: What does a Web Dynpro component contain? (3 correct)**Multiple views within a window  
A context  
Component controller  
UI elements  
Exactly one interface controller

**74: What are the advantages of modularization? (3 correct)**

Transparency  
Performance  
Maintainability  
Profitability across DBMS  
Reusability

**75: Which types of programs or parts of programs can be tested directly from the ABAP Workbench or ABAP Editor?**

**(4 correct)**

INCLUDE  
TYPE-POOL  
METHOD  
FUNCTION-POOL  
PROGRAM  
CLASS-POOL  
REPORT  
FUNCTION MODULE  
INTERFACE-POOL

**76: Which of the following are true statements? (3 correct)**

You can also select predefined data types to define the data type of the data element.  
Reference data types can be used to define the data type of the data element.  
Field labels are defined for the domain.  
The technical attributes of the data element can be defined by a domain, that is, the data type, the field length, and the number of decimal places.

**77: Each component has an interface; of what does this interface consist? (2 correct)**

Interface controller  
Data Container  
Interface view  
Interface context

**78: What types of changes to the repository does SAP provide? (3 correct)**

SAP Notes  
Deployments from SDN.SAP.COM  
Transports  
Support Packages  
Enhancement Packages

**79 Which of the following are features of the Context in Web Dynpro? (2 correct)**

Every Web Dynpro controller has multiple Contexts  
Every Web Dynpro controller has one Context  
Data is shared between controllers through Context mapping  
Data is transferred from one Context to another by firing plugs

**80: To which context object is the attribute LEAD\_SELECTION\_INDEX related? (1 correct)**

Element  
Node  
Attribute  
Supply function

**81: You call a lock module?Which exceptions could the lock module raise when a logical lock CANNOT be set?**

**(2 correct)**

CX\_SY\_OPEN\_SQL\_ERROR  
FOREIGN\_LOCK  
CX\_SY\_DATA\_ACCESS\_ERROR  
SYSTEM\_FAILURE

**82: Which statement is used to generically define the data reference variable z1? (1 correct)**

data z1 type any  
data z1 type ref to PA0001  
data z1 type ref to data  
data z1 type any table

**83: Which of the following ABAP standard types are incomplete? (2 correct)**

X / F / N / STRING

**84 Which of the elementary data types is deep? (1 correct)**

DECFLOAT34  
XSTRING  
X  
N

**85: Which elementary field types are considered a character type? (5 correct)**

C / T / D / I / F / XSTRING / STRING / N / X

**86: Which of the following is a true statement? (2 correct)**

A standard table should always have a unique key.  
A hashed table should always have a unique table key.  
A sorted table can have a unique or a non-unique key.  
A standard table should always have a multiple key.

**87: You write a report that displays mass data in a table. You decide to use the ALV Grid control (class CL\_GUI\_ALV\_GRID) instead of a classical list display with WRITE statements. Which of the following functions can you offer to the user without doing any specific programming? (2 correct)**

Display details by double-clicking on a row  
Sort and filter the data by any column  
Change column width and sequence  
Convert currency amount columns

**88: What is unique about a functional method? (5 correct)**

It can contain an importing parameter.  
It can contain an exporting parameter.  
It can be used in SELECT statements.  
It must contain a returning parameter.  
It must be a singleton.  
It can contain a changing parameter.  
It can be used in logical expressions.

**89: Identify the types of layout managers. (4 correct)**

ColumnLayout  
FlowLayout  
TreeLayout  
RowLayout  
GridLayout  
MatrixLayout

**90: What can you create using the ABAP Dictionary? There are 3 correct answers to this. (3 correct)**

Type pools  
Transparent tables  
Internal tables  
Field symbols  
Domains

**91: You want to include an element of type ‘Table’ in your web dynpro. What actions add the corresponding columns to the table automatically? (1 correct)**

Right click the table and select the ‘CREATE\_BINDING’ option  
Include the method BIND\_TABLE of IF\_WD\_CONTEXT\_NODE.  
Bind the table attribute ‘DATA\_SOURCE’ to the context node  
Generate a ‘BIND\_TABLE’ method using the web dynpro method wizard.

**92: Which of the following ABAP code lines is valid? (3 correct)**

CONSTANTS gc\_mantr TYPE mantr VALUE ‘100’  
SELECT-OPTIONS s\_mantr TYPE mantr DEFAULT ‘100’   
DATA gc\_mantr TYPE mantr DEFAULT ‘100’   
STATICS s\_mantr TYPE mantr VALUE ‘100’  
PARAMETERS p\_mantr TYPE mantr DEFAULT ‘100’

**94: Which of the following data types are predefined ABAP data types? (3 correct)**

XSTRING  
STRING  
DECIMALS  
DECFLOAT34  
FLOAT (=> f)

**95: Dynpros can be placed in which program types? (3 correct)**

Function groups  
Class pools  
Module pools  
Executables

**96: What is the allowed length of the ABAP Dictionary data type DF16\_DEC? (1 correct)**

The allowed length is between 0 and 16 digits.  
The allowed length is between 1 and 15 digits.  
The allowed length is between 0 and 15 digits.  
The allowed length is 16 digits.

**97: What must you do to create a singleton class? (3 correct)**

Implement the IF\_UMM\_SINGLETON interface in the class  
Define the class as final  
Set the class instantiation to private  
Define the class as abstract  
Instantiate the class in a static method of the class itself

**98: Which of the following values are replaceable in debugger mode? (1 correct)**

Constants  
Field names  
Variables  
Table names

**99: Which selection screen elements allow user input in ABAP Reports? (2 correct)**

SELECTION-SCREEN COMMENT  
PARAMETERS  
SELECTION-SCREEN BLOCK  
SELECT-OPTIONS

**100: Which of the following is correct? (1 correct)**

The screen attributes can be modified in the PROCESS BEFORE OUTPUT event block.  
The screen attributes can be modified in the PROCESS AFTER INPUT event block.  
None of the above.  
The screen attributes can be modified in the PROCESS BEFORE OUTPUT and PROCESS AFTER INPUT event blocks.

**101: Which of the following can you assign a search help to? (3 correct)**

Data element  
Structure component  
Check table  
Domain  
Table type

**102: Where can you define data types that can be accessed directly by all ABAP repository objects in an SAP system?**

**(2 correct)**

In a method  
In a function module  
In a global class  
In the ABAP dictionary

**103: Which of the following statements are correct?** **(4 correct)**

- Class methods assigned to the public visibility section can be accessed outside the class using the static component selector and the class name.  
- You can call private methods within the public methods without reference to the object or class.  
- Only public methods can be addressed outside the class.  
- None of the above  
- Static methods can be defined in both the public and private visibility section of the class.

**104: Which of the following enhancements calls a customer function module. (2 correct)**

Customer exit  
Business Transaction event  
User exit  
Business Add-in (BADIs)

**105: How can you find customer exists in an ABAP program?** **(2 correct)**

Search for ‘CL\_EXTHANDLER’ in the program.  
Search for customer exists in the Repository Information System  
Search for ‘CALL CUSTOMER’ in the program  
Search for customer exists in the program documentation

**106 Which components belong to an elementary search help? (2 correct)**

Import / export parameters  
Selection method  
Fixed values  
Attachment to a field

**107 Subroutines provide which types of parameters? (2 correct)**

Exceptions  
Return values  
Input/output (changing)  
Input  
Output

**108: You have to overwrite spaces in a string with the letter ‘A’. Which of the following statements can you use?**

**(3 correct)**

CONDENSE  
OVERLAY  
SHIFT LEFT  
REPLACE  
TRANSLATE

**109 Which statements are allowed for processing internal tables? (3 correct)**

DELETE  
MODIFY  
SELECT  
UPDATE  
INSERT

**110: can you search for suitable classic Business Add-Ins(BAdIs)?** **(2 correct)**

Search in the Repository Information System and choose Enhancements - >Customer Exits  
Search for suitable entries in the relevant component in the Implementation Guide (IMG)  
Search in an application program for the method GET\_INSTANCE of class CL\_EXITHANDLER  
Use the SAP menu Tools -> ABAP Workbench -> Development -> Business Object Builder

**111: What must before you can create a new transportable function modules? (3 correct)**

Exception class  
Function group  
Package  
Transport request  
Module pool

**112: Which of the following actions can be performed in the Process After Input (PAI) processing block? (1 correct)**

Set the GUI status of the screen.  
Modify screen attributes dynamically.  
Set the title bar.  
Check the function code.

**113: Which of the following generic types can you use to define a field symbol that will be assigned to a character string? (3 correct)**

Type any  
Type clike  
Type xsequence  
Type csequence  
Type any table

**114: How can Unicode checks be made? (2 correct)**

By running Transaction UCCHECK  
In any system (after release 6.10) by specifying the program has Unicode checks active  
Only in a Unicode system or as part of a conversion to a Unicode system  
Cannot be enforced

**115: What do global types and local types have in common? (1 correct)**

Search help   
Documentation   
Field labels   
Technical information

**116: In which database table type is there a one-to-one relationship between the Dictionary table definition and the relevant physical table in the database? (1 correct)**

Internal table  
Cluster table  
Transparent table  
Pooled table

**117: Which of the following rules must you follow when you create a static constructor?** **(3 correct)**

You can ONLY define static constructors in the public section  
You must name the method CLASS\_CONSTRUCTOR  
You must name the method CONSTRUCTOR   
You CANNOT use parameters or exceptions  
You can use ONLY importing parameters or exceptions

**118: Each ABAP program starts with an introductory statement. Which statements are correct? (2 correct)**

The introductory statement must be the first line in the program.   
The introductory statement can be modified.  
The introductory statement must never be modified.  
The introductory statement must be the first statement in the program.

**119: In which sequence are the following ABAP Events triggered? (1 correct)**

1. START-OF-SELECTION

2. AT SELECTION-SCREEN

3. INITIALIZATION  
  
1. INITIALIZATION

2. START-OF-SELECTION

3. AT SELECTION-SCREEN  
  
1. INITIALIZATION

2. AT SELECTION-SCREEN

3. START-OF-SELECTION  
  
1. AT SELECTION-SCREEN

2. INITIALIZATION

3. START-OF-SELECTION

**120: For which of the following purposes can you use the ABAP dictionary?** **(2 correct)**

To maintain program translations  
To activate logging for transparent tables  
To create lock objects  
To create development classes

**121: What is the Web Dynpro programming model is based on? (1 correct)**

Model View Controller (MVC)  
Business Server Pages (BSPs)  
Internet Transaction Server (ITS)  
Classic Dynpro programming

**122: You want to use a BAdI to extend the functions of an SAP program. Which of the following tasks is necessary?**

**(1 correct)**

Call the BAdI  
Create an enhancement project using a customer exit.  
Define an interface for the BAdI.  
Implement a class that implements the BAdI interface.

**123: What scheduling technique is used by the ABAP dispatcher for processing user requests? (1 correct)**

Shortest First  
First in , First out  
Round Robin  
Multiple Queue

**124: Under which circumstances will the classic Debugger start as the Debugger? (2 correct)**

When five modes already exist for this logon session.

If you manually switched to the classic Debugger during your last session.  
When the number of debugging sessions exceeds half the number of dialog sessions.  
When you specify the default as the classic Debugger in the settings of the Object Navigator.

None; the new Debugger will always start as the Debugger.

**125: Which of the following ABAP dictionary types can you use to define domains? (3 correct)**

DEC / NUMC / CHAR / FLOAT / DATE

**126: Which prerequisites must be fulfilled before a repository object can be transported? (3 correct)**

An inactive version of the repository object must exist.  
An application component must be assigned to the repository object.  
The repository object must be assigned to a change request.  
A transport layer must be assigned to the package.  
The repository object must be assigned to a package.

**127: What does a view do? (4 correct)**

Contains other views  
Can be contained in a window  
Contains windows  
If entered by an inbound plug, can cause an event handler method to be called  
Contains a view controller

**128: What is the predefined reference variable used in ABAP OO to address the object itself? (1 correct)**

ME / SELF / THIS / SUPER

**129: What can be part of the signature of an instance constructor? (2 correct)**

Exceptions  
Import parameters  
Changing parameters  
Export parameters

**131: Which statements about ABAP are true? (1 correct)**

Each statement cannot begin with a keyword.  
Each statement must begin with a keyword.  
Each statement must end with a period.  
ABAP keywords and additions must be in uppercase. **132: You always want to check the user authorization for data entered in an input field of a selection screen. Where do you do this? (1 correct)**

In the event block AT SELECTION-SCREEN on VALUE-REQUEST  
In the event block AT SELECTION-SCREEN OUTPUT  
In the event block AT SELECTION-SCREEN  
In the event block INITIALIZATION  
**133: SAP enhancements for customer exits are managed by which transaction? (1 correct)**

Transaction SMOD  
Application CMOD  
Transaction CMOD  
Neither transaction listed here

**134: What do you have to take into account before you decide to buffer a table? (1 correct)**

The data must always be read from the buffer  
The data read from the buffer may NOT be current  
The entire table content must be loaded into the table buffer  
The database server must allow table buffering

**135: What is the best order to provide an event handler for an ALV? (1 correct)**

Write the handler, create the ALV, display the ALV, register for the event  
Register for the event, write the handler, create the ALV, display the ALV  
Write the handler, create the ALV, register for the event, display the ALV  
Write the handler, register for the event, create the ALV, display the ALV  
Create the ALV, write the handler, register for the event, display the ALV

**136: Which of the following are table buffering types? (3 correct)**

Primary-key / Full / Column-store / Generic / Single-record

**136: What can you use to achieve polymorphism? (1 correct)**

Events / Inheritance / Subroutines / Reports

**137: You are asked to enhance the GUI status of an SAP standard application How do you identify which menu exit function code you can use? (1 correct)**

It starts with a dollar($)  
It start with a plus (+)  
It starts with an asterisk (\*)  
It starts with an ampersand (&)

**138: You want to select data from two tables and store the result in as structure.  
Table PARTNER contains the fields PART\_ID and KIND.  
Table CONTRACT contains the fields CONT\_ID, CONT\_TYPE and DIVISION.  
The structure is defined as follows**

**---------------------------------------------------------------**

**DATA: BEGIN OF wa\_result,  
Part\_id type partner- part\_id,**

**cont\_id type contract-cont\_id,  
Cont\_type  TYPE contract-cont\_type,**

**END of wa\_result,  
Lt\_result type table of wa\_result.**

**--------------------------------------------------------------**

**How can you replace the following SELECT statement with an outer join?**

**------------------------------------------------------------------------------------------**

**SELECT part\_id from partner INTO wa\_result WHERE kind = ‘Residential’.   
SELECT cont\_id from CONTRACT into wa\_result-cont\_id WHERE part EQ      
wa\_partner-part\_id And DIVISION eq ‘Water’.   
Append wa\_result to lt\_result.    
ENDSELECT.  
 If sy-subrc<>0. CLEAR wa\_result-cont\_id  
 APPEND wa\_result TO lt\_result. ENDIF.  
  ENDSELECT.**

**-------------------------------------------------------------------------------------------**

SELECT part\_idcont\_id from partner LEFT JOIN contract on partner-part\_id = contract-part\_id AND partner-kind EQ ‘Residential’ INTO CORRESPONDING FIELDS OF TABLE lt\_result WHERE division eq ‘Water’.

SELECT part\_idcont\_id from partner AS A LEFT JOIN contract AS b ON a~part\_id = b~part\_id INTO CORRESPONDING FIELDS OF TABLE lt\_result WHERE kind = ‘Residential’ and AND division EQ ‘Water’.

SELECT part\_idcont\_id from partner AS A LEFT JOIN contract AS b ON a~part\_id = b~part\_id AND b~division EQ ‘Water’ INTO TABLElt\_result WHERE kind = ‘Residential’

SELECT part\_idcont\_id from partner LEFT JOIN contract on partner-part\_id = contract-part\_id AND contract-division EQ ‘Water’ INTO TABLE lt\_result WHERE kind EQ ‘Residential’.

**139: Which of the following components belong to the SAP application layer?** **(2 correct)**

ABAP dispatcher  
SAP GUI  
Database server   
Database interface

**140: What features are provided by the database interface? (3 correct)**

Database independence of application programs  
Conversion of Open SQL statements from ABAP statements into the corresponding database statements  
Syntax check of Native SQL commands  
Data consistency check using foreign key relationships

Access to SAP table buffers

**141: Which of the following is a true statement? (3 correct)**

All transportable objects have to be assigned to a package.  
Client-specific customization objects are assigned to the customizing request.  
Local repository objects can be transported.

Inactive objects can be transported.

Repository objects and cross-client customization objects are assigned to the workbench request.

**142: What must you do to define a database view using the ABAP Dictionary? (3 correct)**

Choose the database tables from where the view acquires data.  
Define buffering settings for the underlying database tables.  
Choose the fields from the tables that should be part of the view.  
Define the join conditions between the tables.  
Define selection criteria for the view. (select condition)

**143: When are the changes to the VB\* table transferred to the database? (1 correct)**

When the enqueue work process is executed  
When an update function module is executed  
When the main program is executed  
When the update work process is executed

**144: You have created the following repository objects**

**· A class with an event definition**

**· A handler class with a method ON\_EVT which handles this event**

**· A report that instantiates the handler class**

**The report does not react to the event.**

**How do you analyze this issue? (3 correct)**

Check if the implementation of the handler method ON\_EVT contains the correct logic

Check if the event is triggered by setting a breakpoint at the RAISE EVENT statement

Check if the handler method is registered

Check if the event is triggered by setting a breakpoint at the MESSAGE … RAISING statement. (raise event)

Check if the handler method ON\_EVT is defined in a subroutine of the report.

**145: Which of the following statements are true? (3 correct)**

The tables included in the help view should have a foreign key relationship.  
The tables included in the maintenance view should have foreign key relationships.  
You cannot use a pooled or cluster table for a database view.  
Projection views can have more than one table included for the view definition.

**146: You want to develop a validation routine for a selection screen field. If a wrong value is entered into the field an error message should be displayed and the focus should move to the field. Which event do you use to achieve this? (1 correct)**

AT SELECTION-SCREEN

START-OF-SELECTION  
INITIALIZATION  
END-OF-SELECTION

**147: Which statements are considered obsolete and cannot be used in ABAP Objects? (correct answers)**

DATA ... TYPE ... OCCURS  
TABLES  
INFOTYPES  
SEARCH  
DATA ... BEGIN OF ... OCCURS  
RANGES  
LOOP AT dbtab  
LEAVE  
ON CHANGE OF

**148: How many kinds of internal tables are supported in the ABAP language? (1 correct)**

5 / 2 / 3/ 1

**149: Where can you define global data types that are visible system-wide? (3 correct)**

In a global class  
In the ABAP Dictionary  
In a global interface  
In a method of a global class  
In a function module

**150: Which data type is allowed for the reference field of the Currency field? (1correct)**

CUKY / DEC / UNIT / CURR

**151: Which screen in the ABAP Dictionary allows you to log data changes to the table? (1 correct)**

Utilities Database Object Database Utility  
Technical Settings  
Attributes tab  
Utilities Settings  
Delivery and Maintenance tab

**152: What is required to fully specify a Table Type in the ABAP Dictionary? (3 correct)**

Table size

Table key  
Line type  
Header line  
Access type

**153: Which steps are needed when implementing the singleton concept for class instantiation with minimum coding? (3 correct)**

Create an instance of the class in a static constructor.  
Define the instantiation of the class as private.   
Create an event that returns the instance of the class.  
Save the instance of the class in a static attribute.   
Define the class as abstract.

**154: Which message types behave the same regardless of the context in which they are called? (2 correct)**

E / S / X / I / W / A

**155: In which modularization units can you use parameters? (3 correct)**

Subroutines  
Methods  
Event blocks such as START-OF-SELECTION  
Dialog modules such as PBO modules  
Function modules

**156: Why should you bundle database updates in your dialog programs? (1 correct)**

To avoid database locks set by an SQL statement that persists until the end of the program  
To be able to rollback database changes performed in the same dialog step  
To process the SAP LUW within the database LUW to ensure data consistency  
To allow you to use SAP locks to ensure data consistency

**157: Which of the following are key capabilities of SAP NetWeaver? (3 correct)**

People Integration  
Application Platform  
Enterprise Resource Planning  
Information Integration  
Supply Chain Management

**158: Which of the following tools belong to the ABAP Workbench? (3 correct)**

Screen Painter  
Form Builder  
Easy Access Menu  
Function Builder  
Class Builder

**160: Your code contains the following statement:**

**READ TABLE gt\_itab INTO gs\_struc INDEX 1.**

**When defining gt\_itab, which internal table types can you use? (1 correct)**

Standard and sorted

Standard, sorted, and hashed

Standard and hashed

Sorted and hashed

**161: In an ABAP program you have the following code sequence :**

**DATA text TYPE string.  
DATA Text\_ref TYPE REF TO string.  
DATA data\_ref TYPE REF TO data.  
FIELD-SYMBOLS <fs> TYPE any  
Text = ‘Content of Data Object’  
GET REFERENCE OF text INTO data\_ref.**

**Which of the following pieces of code can you use to output the content of variable text?**

**There are 2 correct answers to this question.**

ASSIGN data\_ref->\* TO<fs>  
WRITE <fs>

GET REFERENCE OF data\_ref->\* INTO text\_ref. WRITE text\_ref->\*.

text\_ref ?= data\_ref.  
WRITE text\_ref->\*.

WRITE data\_ref->\*.

**162: What type of method is generated automatically by the Web Dynpro Explorer when you assign an action to a button?UI element? (1 correct)**

Event handler method  
Standard hook method  
Ordinary method  
Supply function

**163: In a subclass, you want to redefine a method of the super class. Which of the following conditions must be fulfilled? (2 correct)**

The subclass method has same visibility as the super class method  
The super class method is abstract  
The superclass method is an instance method  
The subclass method has a lower visibility than the super class method

**164: In an ABAP program you have the following code sequence:**

**DATA var TYPE n LENGTH 1.**

**FIELD-SYMBOLS <fs> TYPE c**

**ASSIGN var TO <fs> CASTING**

**Which type is used to cast the assigned memory area? (1 correct)**

The default type STRING  
The type of <fs>  
The default type I  
The type of var

**165: What is the result of the following arithmetic operation? (1 correct)**

**DATA: intTYPEI.**

**int=5\*(3/10).**

2 / 0 / 1.5 / 1 /

**166: In the CALL CUSTOMER-FUNCTION 'nnn' statement, nnn is a three-digit number used in SAP programs for which of the following types of enhancement? (1 correct)**

New BAdIs  
Customer exits  
Business add-ins  
User exits

**167: What is the purpose of the enqueue work process? (1 correct)**

It manages logical locks in the lock table  
It processes update requests  
It processes user entries  
It translates Open SQL statements

**168: You run an executable program which contains the following code:**

**DATA: gv\_var1 TYPE n LENGTH 3,**

**Gv\_var2 TYPE n LENGTH 3 VALUE ‘456’.**

**START-OF-SELECTION**

**CLEAR gv\_var2**

**Gv\_var2 = gv\_var1.**

**Gv\_var1 = ‘123’.**

**At what point does the system reserve memory for the data object gv\_var1? (1 correct)**

When the assignment to gv\_var2 is executed  
At the beginning of the START-OF-SELECTION event block  
When the value ‘123’ is assigned to the data object  
As soon as the program is loaded into this internal session

**170: What is the default length of the type P data type? (1 correct)**

64

1-16  
1  
8

**171: The following piece of code is used**

**DATA: def TYPE abc,**

**Ghi LIKE xyz.**

**Which of the four elements are data types and which are data objects? (1 correct)**

def, ghi - data objects

abc, xyz - data type or data object  
  
abc - data type

def, ghi - data objects

xyz - data type or data objects  
  
abc - data type

def, ghi ,xyz - data objects  
  
abc, xyz - data type

def, ghi - data objects

**172: Each button on a Dynpro (screen) requires the assignment of a function code. This function code. (1 correct)**

Prevents the function code from be assigned to a menu item.  
Can be used to identify when the button is clicked by looking for the function code in the screen’s OK\_CODE field.  
Is used to define global variables that receive a value when the button is clicked.  
Prevents the function code from be assigned to a category item.

**173: For a given date(variable lv\_date), you want to find all the connections from Frankfurt to Sydney with exactly one stopover. You want to fly from the stopover city to Sydney on the same day you arrive in the stopover city. Table ZFLIGHTS hold the following information about flights.**

**-flightid: primary key**

**-cityfrom:departure city**

**-datefrom: departure date**

**-timefrom:departure time**

**-cityto:destination city**

**-dateto:destination date**

**-timeto:destination time**

**Which of the following Open SQL Queries can you use to find all the possible stopover cities? (1 correct)**

SELECT DISTINCT cityto INTO TABLE lt\_cities FROM zflights AS destination

WHERE cityfrom IN (SELECT cityto FROM zflights

WHERE dateto = destination~datefrom AND

timeto < destination~timefrom AND

cityfrom = ‘FRANKFURT’ AND

datefrom = lv\_date )

AND destination~cityto = ‘Sydney’  
  
SELECT cityto INTO TABLE lt\_cities FROM zflights AS destination

WHERE cityfrom IN (SELECT DISTINCT cityto FROM zflights

WHERE dateto = destination~datefrom AND

timeto < destination~timefrom AND

cityfrom = ‘FRANKFURT’ AND

datefrom = lv\_date )

AND destination~cityto = ‘Sydney’  
  
SELECT cityfrom INTO TABLE lt\_cities FROM zflights AS destination

WHERE cityto IN (SELECT DISTINCT cityfrom FROM zflights

WHERE dateto = destination~datefrom AND

timeto < destination~timefrom AND

cityfrom = ‘FRANKFURT’ AND

datefrom = lv\_date )

AND destination~cityto = ‘Sydney’  
  
SELECT DISTINCT cityfrom INTO TABLE lt\_cities FROM zflights AS destination

WHERE cityfrom IN (SELECT cityto FROM zflights

WHERE dateto = destination~datefrom AND

timeto < destination~timefrom AND

cityfrom = ‘FRANKFURT’ AND

datefrom = lv\_date )

AND destination~cityto = ‘Sydney’

**175: To reserve an area on the screen for an ALV Grid Control, you must do the following: (1 correct)**

Create an object (instantiate the object) of the class CL\_GUI\_ALV\_GRID  
Use the Screen Painter  
Create an object (instantiate the object) of the class CL\_GUI\_CUSTOM\_CONTAINER  
Create an object (instantiate the object) of the class CL\_SALV\_TABLE

**176: Which boundary conditions lead to improved access time to an internal table? (3 correct)**

Fully qualified key for sorted tables  
Left justified part of key for sorted tables  
Index access for standard tables  
Index access for hashed tables  
Left justified part of key for hashed tables

**177: Which of the following can you do with the SAP code inspector? (1 correct)**

Monitor background tasks  
Monitor runtime behavior  
Analyze runtime data.  
Perform static code checks

**178: Which of the following statements are true? (2 correct)**

A maintenance view is implemented as an inner join.  
A database view is implemented as an outer join.  
A database view is implemented as an inner join.  
A maintenance view is implemented as an outer join.

**179: You want to create a transparent table in the ABAP dictionary. When the table is physically created in the database? (1 correct)**

When you save the table  
When you run the database utility transaction (SE14)  
When you insert the table name and select create  
When you activate the table

**181: What does the Refactoring Assistant allow you to do? (2 correct)**

Rename all subclasses of a method  
Rename all occurrences of a method  
Move between classes and interfaces  
Move components between superclasses and subclasses

**182: Which desktops are part of the new ABAP debugger? (3 correct)**

Session  
Desktop 1  
Objects  
Break./Watchpoints  
List

**183: You have located a new (kernel) Business Add-in(BAdI) in an SAP standard application? What must you create to implement the BAdI, and in which order? (1 correct)**

\* Enhancement Spot Implementation

\* BAdI Implementation  
  
\* Enhancement Project

\* BAdI Implementation  
  
\* BadI Implementation

\* Enhancement Project  
  
\* BAdI Implementation

\* Enhancement Spot Implementation

**184: Which of the following statements are true? (3 correct)**

- Implicit enhancement can be used to enhance SAP objects developed prior to SAP NetWeaver 7.0.  
- An implicit enhancement point can be used to insert code in an SAP program and is always available to the customer.  
- Implicit enhancement options allow you to enhance interface parameters for function modules and methods without modifying the repository object.  
- None of the above.

**185: Which SELECT statement will always bypass the SAP table buffers? (1 correct)**

SELECT … INTO TABLE …  
SELECT … ENDSELECT.  
SELECT … FOR UPDATE …  
SELECT … SINGLE …

**186: Your program performs a data base update by calling function modules in an update task. Which ABAP statements can be used in the program to discard all update requests for the current SAP logical unit of work(LUW)?**

**(3 correct)**

MESSAGE TYPE A  
MESSAGE TYPE E  
ROLLBACK WORK  
MESSAGE TYPE X  
MESSAGE TYPE W

**187: Which statements are true about a class that has granted friendship to another class? (4 correct)**

All classes that inherit from the friend (subclasses) also have the same access.  
The friend has access to protected attributes.  
All classes the friend has granted friendship access status to also have the same access.  
The friend has access to private attributes.  
The friend has access to public attributes.

**188: How do you embed a subscreen in a main screen? (1 correct)**

Use SET SUBSCREEN in the flow logic of the main screen.  
Use SET SUBSCREEN in a PBO module of the main screen.  
Use CALL SUBSCREEN in a PBO module of the main screen   
Use CALL SUBSCREEN in the flow logic of the main screen.

**189: You use Unified Modelling language (UML) to design your classes. You want to describe the message exchange between objects. Which diagram can you use? (1 correct)**

Class diagram  
Object diagram  
Component diagram  
Sequence diagram

**190: Which of the following enhancement options does not require any preparation from SAP? (1 correct)**

Explicit enhancement point  
Implicit enhancement point  
Explicit enhancement sections  
New BAdIs

**191: You are using the new debugger and you want to change the content of an internal table. Which actions are allowed? (3 correct)**

Delete the selected rows.  
Delete table from memory.  
Delete the entire contents of a table.  
Change row content and press Enter (<ENTER>).  
Change row content and press Save (<CTRL> + S).

**192Which of the following is a true statement? (3 correct)**

A package can be nested.  
All customer repository objects have to be assigned to a package.  
Packages use interfaces and visibility to make their elements visible to other packages.  
The transport layer is a mandatory input field for the package.

**193: Function modules provide which types of parameters? (4 correct)**

Return values   
Exceptions  
Output  
Input  
Input/output

**194: Which of the following predefined data types are character types? (3 correct)**

P / N / T / D / X

**195: You define a generic variable that can hold the ABAP types C, D, N, STRING, and T. You want to restrict the use of other ABAP types. Which generic data type must you use in the definition? (1 correct)**

SIMPLE  
DATA  
CLIKE  
CSEQUENCE

**196: Identify the types of controller. (5 correct)**

Custom controller  
Window controller  
Consumer controller  
View controller  
Configuration controller  
Component controller

**197: A work process (1 correct)**

Stays linked to a screen through the dispatcher.  
Becomes inactive while waiting for a user.  
Becomes active while waiting for a user.  
Uses a common memory area called shared memory.

**198: What are the differences between displaying in a full screen and in a container? (2 correct)**

Only a full-screen ALV allows the use of event handling.  
The full screen requires Dynpro programming.  
The container requires the use of an additional object   
Only an ALV in a container allows the use of event handling.  
The only difference is that the container name must be specified when creating the ALV object.  
Any type of ALV allows the use of event handling.  
  
**199: In which program types can you create dialog screens? (3 correct)**

Function group  
Module pool  
Interface pool  
Executable program  
Class pool

**200: A screen has the following PAI flow logic:**

**PROCESS AFTER INPUT**

**FIELD A MODULE check\_A**

**FIELD A MODULE check\_B**

**CHAIN.**

**FIELD:C,D**

**MODULE check\_CD**

**ENDCHAIN**

**FIELD:C,B.**

**MODULE check\_CB**

**ENDCHAIN**

**What happens if the application senda a type E message during the check\_CB module processing? (1 correct)**

The screen is NOT displayed again. Processing terminates and the user must restart the ABAP program  
The screen is displayed again and the PBO flow logic is processed. Only fields B and C are ready for input.  
The screen is displayed again without processing the PBO flow logic. All fields are ready for input.  
The screen is displayed again without processing the PBO logic flow. Only fields B and C are ready for input

**201: You created a transparent table and during activation got a warning message "Enhancement category for table missing". What do you have to do to eliminate the warning message? (1 correct)**

Select the option Not Classified from the enhancement category.  
Provide the correct reference field for the Currency or Quantity field.  
Select any option other than Not Classified from the enhancement category  
Change the Data Class and Size category in the technical settings.

**202: At most, how many menu items (including functions, separators and sub- menus) can a menu have on the screen? (1 correct)**

10 / 20 / 15 / None of the above

**203: Your task is to enhance the screen of an SAP standard application. How do you determine if there is a customer exit for this task? (1 correct)**

You search in the flow logic of the screen for CAL CUSTOMER-SUBSCREEN statement  
You search in the source code of the application for GET BADI statement  
You use the BAdI Builder (transaction SE19) to check for a suitable Business Add-In(BAdI)  
You search in the SAP reference Implementation Guide (IMG) for a suitable user exit

**204: Which options are available for a JOIN in ABAP Open SQL? (3 correct)**

CROSS JOIN  
INNER JOIN  
LEFT OUTER JOIN  
FULL JOIN  
RIGHT OUTER JOIN

**205: How can you declare an internal table using the transparent table A as its line type? (1 correct)**

DATA gt\_itab TYPE REF TO a.  
DATA gt\_itab TYPE TABLE OF a.  
DATA gt\_itab TYPE a.  
DATA gt\_itab TYPE LINE OF a.

**206: What is mandatory for automatic data transport between a variable and an input field on a classical screen (dynpro)? (1 correct)**

The property OUTPUT of the input field must be set.  
The name of the variable and the name of the input field must be identical. (same name)  
The variable must be declared using the DATA statement.  
The variable must be declared using the TABLES statement.

**207: Which of the following statements are true? (2 correct)**

A conversion routine can be assigned to a domain.  
You define the value range in the data element.   
You can enter documentation for the data element in the ABAP Dictionary.  
A conversion routine can be assigned to a data element.

**208: Which of the following can you use to enhance SAP standard tables and structures with fields? (2 correct)**

Customizing includes (ci\_include)  
Append search helps  
Field exits  
Append structures

**209: What data type you can create in the ABAP Dictionary? (1 correct)**

Secondary index  
Lock object  
Type group  
Structure

**210: You want to loop over an internal table without copying each table row to a work area. How can you achieve this using a field symbol? (1 correct)**

LOOP AT <itab> REFERENCE INTO <field\_symbol>. ENDLOOP.  
LOOP AT <itab> INTO <field\_symbol>. ENDLOOP.  
LOOP AT <itab> ASSIGNING <field\_symbol>. ENDLOOP.  
LOOP AT <itab> TRANSPORTING INTO <field\_symbol>. ENDLOOP.

**211: Which rules do you have to consider when working with pooled tables? (2 correct)**

Only key fields should be used in ORDER BY clauses  
Only key fields should be used in WHERE condition  
An append structure can be created  
All fields can be used in indexes

**212: How can you add a session breakpoint to your program? (2 correct)**

Set a breakpoint in the ABAP editor  
Set a breakpoint in the ABAP editor and select Save.  
Set a breakpoint in the ABAP debugger and press F8  
Execute command /h

**213: For which of the following requirements can you implement a functional method? (2 correct)**

A factory method that returns an object reference  
A method to set an instance attribute with one importing parameter and no other parameters  
A handler method for an event that has a returning parameter  
A private static helper method that returns a single value as the result of an algorithm

**214: Which of the following predefined ABAP types is incomplete? (1 correct)**

XSTRING / STRING / P / F

**215: Which statement is true? (1 correct)**

A database?LUW?cannot be placed within an SAP?LUW.  
A database LUW must be placed within an SAP LUW.  
An SAP LUW must be placed within a database LUW.  
A database?LUW?must be placed without an SAP?LUW.

**216: If you are using external debugging (debugging of HTTP and RFC requests,?which arrive in your ABAP system), what will the Debugger do? (1 correct)**

May or may not stop, depending on external factors.  
Always stop when the external breakpoint is reached.  
Never stop; external breakpoints operate on users other than your own.  
Do not stop when the external breakpoint is reached.

**217: What is the difference between a Unicode and non-Unicode program? Please select all the correct answers that apply.**

Byte-type data objects cannot be compared to character-type data objects.  
Offset positioning in a Unicode structure is restricted to flat data objects.  
Byte-type data objects cannot be assigned to character-type data objects.  
Offset positioning in a Unicode structure is restricted to character data objects.

**218: You write the following ABAp statement**

**SELECT SINGLE carrid connid cityfrom cityto**

**From spfli**

**INTO gs\_spfli**

**WHERE carrid = pa\_car**

**AND connid = pa\_con**

**How are the fields in the field list of the SELECT statement copied to the target structure gs\_spfli? (1 correct)**

They are copied to fields with the same name  
They are copied to fields with the same type  
They are copied from right to left  
They are copied from left to right

**219: An executable?ABAP?program contains a standard selection screen and uses the event blocks AT SELECTION SCREEN, AT SELECTION-SCREEN OUTPUT, INITIALIZATION,?START-OFSELECTION.**

**In which sequence will?ABAP?runtime call these event blocks? (1 correct)**1. AT SELECTION-SCREEN OUTPUT

2. INITIALIZATION

3. AT SELECTION-SCREEN

4. START-OF-SELECTION  
  
1. INITIALIZATION

2. AT SELECTION-SCREEN OUTPUT

3. AT SELECTION-SCREEN

4. START-OF-SELECTION

**220: What is variable-length structure called? (1 correct)**

Nested link structure  
Nested structure  
Flat structure  
Link structure

**221: Which events can exist in all types of programs that actually contain executable statements? (1 correct)**

INITIALIZATION  
LOAD-OF-PROGRAM  
AT PF##  
AT LINE-SELECTION  
AT USER-COMMAND  
START-OF-SELECTION

**222: To which ABAP Dictionary definition can you assign fixed values? (1 correct)**

Field of a transparent table  
Data element  
Domain  
Component of a structure

**223: You are establishing the business logic layer for a Web Dynpro Component. Which service types are available in the Service Call wizard? There are 3 correct answers to this .**

Transaction code  
Class method  
Function module  
Function group  
Web service proxy

**224: What are the declarative statements used to define the selection? (3 correct)**

None of the above  
PARAMETERS  
SELECTION-SCREEN  
SELECT-OPTIONS

**225: You want to add a field type CURR to a transparent table. What else must you do? (1 correct)**

Create a reference to a field of type CUKY.  
Add a check table that contains a field of type CUKY.  
Create a new field CUKY as a pre-defined type.  
Add a key field of type CUKY.

**226: What is the root class in the RTTS inheritance tree? (1 correct)**

CL\_ABAP\_DATADESCR  
CL\_ABAP\_TYPEDESCR  
CL\_ABAP\_ELEMDESCR  
CL\_ABAP\_COMPLEXDESCR

**227: You want to select data from two tables and store the result in as structure.**

**Table PARTNER contains the fields PART\_ID and KIND.**

**Table CONTRACT contains the fields CONT\_ID, CONT\_TYPE and DIVISION.**

**The structure is defined as follows**

**DATA: BEGIN OF wa\_result,**

**Part\_id type partner-part\_id,? cont\_id type contract-cont\_id,**

**Cont\_type? TYPE contract-cont\_type,**

**END of wa\_result,**

**Lt\_result type table of wa\_result.**

**How can you replace the following SELECT statement with an outer join?**

**SELECT part\_id from partner INTO wa\_result WHERE kind = ‘Residential’.**

**SELECT cont\_id from CONTRACT into wa\_result-cont\_id WHERE part EQ**

**wa\_partner-part\_id And DIVISION eq ‘Water’.**

**Append wa\_result to lt\_result.**

**ENDSELECT.**

**If sy-subrc<>0. CLEAR wa\_result-cont\_id**

**APPEND wa\_result TO lt\_result. ENDIF.**

**ENDSELECT.**

**(1 correct)**

SELECT part\_idcont\_id from partner LEFT JOIN contract on partner-part\_id = contract-part\_id AND partner-kind EQ ‘Residential’ INTO CORRESPONDING FIELDS OF TABLE lt\_result WHERE division eq ‘Water’.  
  
SELECT part\_idcont\_id from partner AS A LEFT JOIN contract AS b ON a~part\_id = b~part\_id INTO CORRESPONDING FIELDS OF TABLE lt\_result WHERE kind = ‘Residential’ and AND division EQ ‘Water’.  
  
SELECT part\_idcont\_id from partner AS A LEFT JOIN contract AS b ON a~part\_id = b~part\_id AND b~division EQ ‘Water’ INTO TABLElt\_result WHERE kind = ‘Residential’  
  
SELECT part\_idcont\_id from partner LEFT JOIN contract on partner-part\_id = contract-part\_id AND contract-division EQ ‘Water’ INTO TABLE lt\_result WHERE kind EQ ‘Residential’.

**228: Which statements are true? (5 correct)**

The ALV Object Model can define a sort criteria for initial display.  
The ALV Grid requires a table refresh after programmatically changing the ALV.  
The ALV Grid uses a reference to the data table for display.  
The ALV Object Model uses a reference to the data table for display.  
The ALV Grid can define a sort criteria for initial display.  
The ALV Object Model requires a table refresh after programmatically changing the ALV.

**229: Global data types defined in SAP systems are… (1 correct)**

Date types defined in the program using ABAP Dictionary types.  
Date types does not defined Dictionary types.  
Data defined in the program that is visible to all the routines/statements within the ABAP program.  
ABAP Dictionary types.  
  
**230: How do you create lock objects and lock modules for use in ABAP programs that access the database?**

**(1 correct)**

Use the Function Builder to create the lock modules. The lock objects are created in the program logic  
Use the ABAP dictionary to create the lock objects. Use the function builder to create the lock modules  
Use the Function Builder to create the lock modules and the lock objects  
Use the ABAP Dictionary to create the lock objects. The lock modules are created automatically

**231: What can be defined using an implicit enhancement option? (3 correct)**

Replacement for SAP function modules  
Replacements for global SAP methods  
Additional attributes in global SAP classes  
Additional parameters in SAP function modules  
Additional exceptions in SAP function modules

**232: Which of the following standard types is numeric? (3 correct)**

I / P / F / Decfloat32

**233: Table A and table B are partially buffered. Which of the following SELECT statements always access the database? (2 correct)**

- SELECT a b FROM table A INTO CORRESPONDING FIELDS OF TABLE lt\_AB  
- SELECT SINGLE FOR UPDATE a b FROM table A INTO CORRESPONDING FIELDS OF ls\_A WHERE c EQ ‘1234’.  
- SELECT a b c d FROM table A JOIN table B ON table A~a?EQ?table B~

eINTO CORRESPONDING FIELDS OF TABLE?lt\_A\_B.  
- SELECT SINGLE CLIENT SPECIFIED a b FROM table A

INTO CORRESPONDING FIELDS OF?ls\_AB.

**234: Which of the following regarding search helps is a true statement? Please select all the correct answers that apply.**

The LPos parameter defines the position of the search help parameter in the search hit list.  
The interface for the search help is defined by the IMP (import) and EXP (export) flag of the search help parameter.  
The SPos parameter defines the position of the input field on the dialog screen.  
The text table for the selection method is automatically populated if the text table is attached to the database table being used as the selection method.

**235: The order of fields for a transparent table in the database… (1 correct)**

Is created in the order of the Data?Dictionary.  
Is allowed to be different than the ABAP Dictionary.  
Needs to match the ABAP Dictionary.  
Is created in the order of the ABAP Dictionary.  
**236: You create a function group ZATP. What is the name of the corresponding main program? (1 correct)**

SAPFZATP  
SAPMZATP  
SAPLZATP  
ZATP

**237: When you define local classes in ABAP, which syntactical sequence must you follow? (1 correct)**

PUBLIC SECTION, PROTECTED SECTION, PRIVATE SECTION  
PRIVATE SECTION, PROTECTED SECTION, PUBLIC SECTION  
The order is handled automatically.  
The order doesn’t matter.

**238: You are making changes to a program that already has a transaction code linked to it. Your colleague is testing the transaction in your development system. At what point can the changed version of the program be tested?**

**(1 correct)**

When you release the transport requests for the program  
When you save the program  
When you perform a syntax check on the program  
When you activate the program

**240: What is the difference between the INITIALIZATION and AT SELECTION-SCREEN OUTPUT events? (1 correct)**

\* INITIALIZATION can overwrite the default value of a PARAMETERS field

\* AT SELECTIION-SCREEN OUTPUT can overwrite the default values of a PARAMETERS field  
  
\* INITIALIZATION cannot change pushbutton texts

\* AT SELECTION-SCREEN OUTPUT can change pushbutton texts  
  
\* INITIALIZATION can change the properties of the screen fields

\* AT SELECTION-SCREEN OUTPUT cannot change the properties of the screen field (PBO에서)  
  
\* INITIALIZATION is only processed once.

\* AT SELECT-SCREEN OUTPUT can be processed multiple times

**250: You want to select all the records from a database table where field CITY contains substring ‘BU’ in any position. Which WHERE clause can you use in an Open SQL select statement? (1 correct)**

WHERE city LIKE ‘%BU%’  
WHERE city LIKE ‘\_BU’  
WHERE city LIKE ‘%BU\*’  
WHERE city LIKE ‘\*BU\*’

**251: You want to read data from two database tables A and B using a database join. Database table B contains details for data records stored in database table A. Your result should contain all combinations of matching rows from A and B plus all rows from A that do not have matching rows in B. Which statement do you use?**

**(1 correct)**

SELECT … FROM a LEFT OUTER JOIN b …  
SELECT … FROM a JOIN b …  
SELECT … FROM a INNER JOIN b …  
SELECT … FROM b RIGHT OUTER JOIN a …

**252: Which actions release a database lock? (7 correct)**

The display of a dialog message type E  
The display of an SAP screen  
A CALL TRANSACTION  
ENQUEUE\_  
DEQUEUE\_  
A SUBMIT  
ROLLBACK WORK  
The display of a dialog message type A  
An “/n” in the command field  
COMMIT WORK  
A call to a function module