

Question 1:

What is the sequence of clauses in the SELECT SINGLE statement?

SELECT SINGLE FROM... FIELDS... WHERE... INTO

Question 2:

In which order do you define the visibility sections of a class?

PUBLIC SECTION. PROTECTED SECTION. PRIVATE SECTION.

Question 3:

You are writing a SELECT statement that reads data using a CDS view entity. In the field list, you want to read a field from an associated table. What do you use?

A path expression

Question 4:

Which of the following can you use to denote a comment in ABAP? Note: There are 2 answers to this question.

*** at the beginning of a line**

" anywhere in the line

Question 5:

When does SAP recommend to use a sorted or a hashed table respectively? (2)

A hashed table, when you read a single record and specify the complete key.

A hashed table, when you read a subset in a loop and specify a part of the key from the left without gaps.

Question 6:

Which part of SQL is represented by ABAP SQL?

Data Manipulation Language

Question 7:

An ABAP Cloud Project in ABAP Development Tools (ADT) allows you to connect to what kinds of system? Note: There are 2 answers to this question

Embedded ABAP instance in SAP S/4HANA Cloud

SAP BTP ABAP instance

Question 8:

A class my_class contains the public static method my_method. What is the code to call this method?

my_class=>my_method().

Question 9:

Given the following Core Data Service View Entity Data Definition:

```

1. 1 @AccessControl.authorizationCheck: #NOT_REQUIRED
2. 2 DEFINE VIEW ENTITY demo_flight_info_join
3. 3     AS SELECT
4. 4         FROM scarr AS a
5. 5             LEFT OUTER JOIN scounter AS c
6. 6             LEFT OUTER JOIN sairport AS p
7. 7                 ON p.id = c.airport
8. 8                 ON a.carrid = c.carrid
9. 9     {
10.10         a.carrid          AS carrier_id,
11.11         p.id              AS airport_id,
12.12         c.countnum       AS counter_number
13.13     }
```

In what order will the join statements be executed?

sairport will be joined to scounter first and the result will be joined with scarr.

Question 10:

You have shortened the length of a field in a database table. The table already contains data. What happens when you try to activate the table?

The table is not activated.

Question 11:

Which of the following signature elements may an instance constructor have? Note: There are 2 answers to this question.

Importing parameters

Exceptions

Question 12:

You want to concatenate two strings. Which is the operator?

&&

Question 13:

You want to enhance a business object to retrieve a default company code that is selected from the database.

Which extension type must you use?

Determination

Question 14:

Which ABAP SQL clause allows the use of inline declarations?

INTO TABLE

Question 15:

The type tt_table is defined as follows: TYPES tt_table TYPE STANDARD TABLE OF st_connection WITH NON-UNIQUE KEY carrier_id connection_id. Which DATA statement would you use to create an internal table with this type?

DATA table TYPE tt_table.

Question 16:

You have declared two reference variables, ref1 and ref2. ref1 points to an object. You now execute the statement ref2 = ref1. What happens?

The ABAP system assigns the address of the object to which ref1 is pointing to reference variable ref2. There is only one object.

Question 17:

The IF condition IF a > 10. is followed by the ELSEIF condition ELSEIF a = 25. The variable a has the value 25. Which code branch or branches are executed?

The branch introduced by IF a > 10.

Question 18:

When processing an internal table with the statement LOOP AT itab ... ENDLOOP, what system variable contains the current row number?

sy-tabix

Question 19:

Which statement reads a single row from a database table?

SELECT SINGLE <tablename> ...

Question 20:

Which of the following characters is not allowed in the name of an ABAP class?

**\$
8**

Question 21:

What RESTful Application Programming object contains only the fields required for a particular app?

Projection view

Question 22:

Your class contains a public instance attribute attr. How could you ensure that its value can only be changed within the class? Note: There are 2 answers to this question.

**Leave it in the public section but use the READ-ONLY addition.
Make it a private attribute.**

Question 23:

What must you do when you create an ABAP package? Note: There are 2 answers to this question

**Assign the package to a software component
Use the letter Z or Y as the first character in the name**

Question 24:

A structure struct contains a component comp. How do you address the component?

struct-comp

Question 25:

A functional method must have

Exactly one returning parameter

Question 26:

What do you have to consider when working with interfaces?

Note: There are 3 answers to this question.

**Static methods, instance methods, static events, and instance events are possible interface components.
Instance methods are not implemented in an interface.
Implementing classes must declare the interface in their public section.**

Question 27:

Which of the following statements about exceptions are true? Note: There are 2 answers to this question

**Some exceptions are catchable, others are uncatchable.
All uncaught exceptions lead to runtime errors.**

Question 28:

When you press F8 (Continue) in the debugger, where could the program processing next stop? Note: There are 2 answers to this question

**At a subsequent breakpoint
At the end of the program**

Question 29:

What can you add to a business object in the ABAP RESTful application programming model?

Note: There are 2 answers to this question.

**Action
Field**

Question 30:

With the following class definition, what is the syntax for calling method b?

(Note: lo_a is a reference variable for class ZCL_A.)

```
1. CLASS zcl_a DEFINITION PUBLIC.  
2.     PUBLIC SECTION.  
3.     CLASS-METHODS b.  
4. ENDCLASS.  
   zcl_a=>b().
```

Question 31:

You declare a variable using the statement DATA struct TYPE <type>. Which of the following can you use to declare a structure? Note: There are 2 answers to this question.

A database table and A CDS view

Question 32:

The static constructor is executed when the class is addressed for the first time. When might this be? Note: There are 2 answers to this question.

When you instantiate the class.

When you call a static method of the class.

Question 33:

You want to read data from two database tables so that the SELECT statement returns a single result set that contains no duplicate entries. Which of the following techniques would you use?

UNION

Question 34:

Which of the following can you use to fill an internal table? Note: There are 2 answers to this question.

VALUE #()

APPEND

Question 35:

You declare a variable as follows: DATA var TYPE I VALUE 100. Subsequently, you use the statement CLEAR var. What is the value of var after the CLEAR statement?

0

Question 36:

Which of the following are valid data sources for a CDS view entity? Note: There are 2 answers to this question.

Another CDS view entity

A database table

Question 37:

You have defined a class containing instance attributes and static attributes. You have also declared a reference variable but not yet created a new instance of the class. Which components of the class can you access at this point, and how?

Static components using the name of the class.

Question 38:

The result of the expression result = var MOD 2. is 1. What does this tell you about the value of variable var?

var is an odd number.

Question 39:

Which of the following predefined ABAP types are complete? Note: There are 2 answers to this question.

I and D

Question 40:

Which extensibility type does SAP recommend you to enhance the existing UI for an SAP Fiori app?

Key user

Question 41:

What information do you see when you position the mouse pointer over a variable in the debugger?

The current contents of the variable

Question 42:

When you declare an internal table, you must specify how many rows it may contain.

FALSE

Question 43:

Which of the following are ABAP Cloud Development Model rules?

Note: There are 2 answers to this question.

Build ABAP RESTful application programming model-based services.

Use public SAP APIs and SAP extension points.

Question 44:

In the RESTful Application Programming model where do you implement non-standard operations for customized business-logic behavior?

In an action

Question 45:

In a test method you call method cl_abap_unit_assert=>assert_equals(..) in the following way:

```
1. CLASS ltc11 DEFINITION FOR TESTING RISK LEVEL HARMLESS DURATION SHORT.  
2. PRIVATE SECTION.
```

```

3.   METHODS m1 FOR TESTING.
4. ENDCLASS.
5. CLASS ltc11 IMPLEMENTATION.
6. METHOD m1.
7.   DATA: go_test_object TYPE REF TO zcl_to_be_tested.
8.   CONSTANTS: lco_exp TYPE string VALUE 'test2'.
9.   CREATE OBJECT go_test_object.
10.  cl_abap_unit_assert=>assert_equals(
11.    EXPORTING
12.      act          = go_class->mv_attribute
13.      exp          = lco_exp
14.      msg          = `assert equals failed ` && go_test_object->mv_attribute && ` `
      && lco_exp
15.  ).
16. ENDMETHOD.
17. ENDCLASS.

```

What will happen if method parameters act and exp are not equal?

There will be a message in the test log.

SET2

Question 1:

When you create a database table to generate a RAP application, you must create a client field. Which data type must it have?

The built-in ABAP Dictionary type abap.clnt.

Question 2:

Which of the following are incomplete ABAP types? (2

C

P

Question 3:

Which of the following are subject to translation in ABAP? Note: There are 3 answers to this question.

The short text of a message text in a message class

The value of annotation @enduserText.Label in a data definition

The value of a text symbol in an ABAP class

Question 4:

In which object do you assign values to authorization fields?

IAM App

Question 5:

You have a result field resultwith TYPE P LENGTH 3 DECIMALS 2. Which of the following statements leads to an exception?

result = EXACT #(1 / 8).

Question 6:

What does the annotation @Consumption.ValueHelpDefiniton specify? Note: There are 2 answers to this question

A CDS view that provides the hit list

The field that provides the selected value

Question 7:

In the validation, you use the READ ENTITIES statement to read the data entered by the user. Which parameter of the validation method do you use to ensure that the data is retrieved?

KEYS

Question 8:

Which of the following parts of a behavior definition are generated automatically? Note: There are 2 answers to this question.

Create, update, and delete operations

Draft enabling

Question 9:

EXTRACT_MONTH() is a generic SQL function which can handle input of different types. Which of the following built-in types are allowed for this function? Note: There are 3 answers to this question.

UTCLONG

DATS

DATN

Question 10:

In our scenario, what is coded in a behavior implementation? Note: There are 2 answers to this question.

Determinations

Validations

Question 11:

You are using the DELETE ADJACENT DUPLICATES statement. Which of the following statements about the COMPARING addition are true? Note: There are 2 answers to this question.

If you leave it out, the key fields of the table row must be the same in order to be considered a duplicate.

It will only work properly if the table has been sorted according to the same columns as are listed after COMPARING.

Question 12:

Which of the following statements is true?

There are more predefined types in the ABAP Dictionary than in the ABAP language.

Question 13:

Which of the following assignments between variables of different data types is guaranteed to be free of rounding, truncation, field overflow, or type mismatches? Note: There are 2 answers to this question.

TYPE P LENGTH 3 DECIMALS 2 to TYPE P LENGTH 6 DECIMALS 3

TYPE DECFLOAT16 TO TYPE DECFLOAT34

Question 14:

You check a user's authorization to view data using an AUTHORITY-CHECK statement. What happens if the user does not have the requisite authorization?

sy-subrc is set to a value unequal to 0. The developer must ensure him or herself that the user cannot see the data.

Question 15:

Where do you declare fields as read-only?

In the behavior definition

Question 16:

Your ABAP SQL SELECT statement contains the following FIELDS list: field1, field2, sum(field4). Only one of the following GROUP BY clauses causes a syntax error. Which one?

GROUP BY field1

Question 17:

You want to read data from an internal table using some, but not all, of its key fields. The fields you want to use are at the beginning of the key with no gaps. What kind of internal table is suitable?

Sorted table

Question 18:

When you create a validation, what does the system generate automatically?

An empty method in the local class of the behavior implementation.

Question 19:

When are you forced to define alias names for the data sources of a join?

If the same data sources is used more than once.

Question 20:

Match the sequence of execution in the dropdown list to the operation. (1 is the highest priority and 3 is the lowest priority.)

Addition (+) and Subtraction (-)

Numeric functions

Multiplication (*) and Division (/)

3,1,2

Question 21:

An ABAP built-in function xyz() is called in the following way: IF xyz(....) ENDIF. What does this tell you about the nature of the function?

xyz() is a predicate function.

Question 22:

Which of the following actions cause an indirect change to a database table requiring a table conversion? (2)

Deleting a field from a structure that is included in the table definition.

Renaming a field in a structure that is included in the table definition.

Question 23:

When you address an object using an interface reference, which elements can you address?

All of the elements in the interface

Question 24:

What may you not do in a subclass?

Change the signature of an inherited method

Question 25:

Which of the following integration frameworks have been released for ABAP cloud development? (3)

Business events

OData services

CDS Views

Question 26:

Which of the following uses of SQL function SUBSTRING() returns the same result as LEFT(text_field, 1)?

SUBSTRING(text_field, 1, 1)

Question 27:

Which of the following method calls in a RAP validation create messages which are translatable? Note: There are 2 answers to this question.

DATA(msg) = me->new_message_with_text(severity = ms-error text = 'Airport does not exist'(ane)).

DATA(msg) = me->new_message_with_text(severity = ms-error text = |{ 'Airport does not exist'(ane) } |).

Question 28:

Your class lcl_class has a factory method factory. Which of the following are properties of factory? Note: There are 2 answers to this question.

Its returning parameter has the type REF TO lcl_class

It is a public method

Question 29:

Which of the following expressions can you use to force a type conversion?

CONV #()

Question 30:

In the READ ENTITIES statement, you use an internal table with a special type (TYPE TABLE FOR READ RESULT). How is this type created?

The system creates it automatically.

Question 31:

Which of the following can you use to specify the data type of a column in a database table?

Data element

Question 32:

Which of the following are features of Core Data Services? (3)

Associations

Annotations

Inheritance

Question 33:

After profiling an ABAP application you want to analyze the sequence in which procedural units were called. Which of the following trace analysis tools do you go to?

Aggregated Call Tree

Question 34:

You want to calculate the ratio of two numeric values in ABAP SQL. The result should be rounded to exactly 1 decimal. What do you use to calculate the division?

Numeric function DIVISION()

Question 35:

Which of the following statements is true for a standard internal table?

The key is always non-unique

Question 36:

Which of the following can you use to copy data from one internal table to another? Note: There are 2 answers to this question.

A table comprehension with VALUE #(

The CORRESPONDING #()operator

Question 37:

Which of the following data types is a numeric type? Note: There are 3 answers to this question.

I

P

ECFLOAT16

Question 38:

Your ATC check finds a variable text that is not used statically. You want to suppress this finding using either a pseudo-comment or a pragma. Which of the following options are syntactically ?

DATA text TYPE string ##needed .

DATA text TYPE string. "#EC NEEDED

Question 39:

For which of the following analysis tools does ABAP Development Tools provides a dedicated perspective? Note: There are 2 answers to this question.

ABAP Profiling

ABAP Debugger

Question 40:

You are designing the following select statement in ABAP Open SQL:

1. 1. DATA gt_flights type standard table of demo_cds_flights.
2. 2.
3. 3. SELECT
4. 4.
5. 5. FROM demo_cds_flights
6. 6.

7. 7. FIELDS carrid, connid, fldate, SUM(payment_sum), currency
8. 8.
9. 9. WHERE fldate > @sy-datum
10. 10.
11. 11. GROUP BY carrid, connid, fldate
12. 12.
13. 13. ORDER BY carrid, connid.
14. 14.

To adhere to the most recent ABAP SQL syntax conventions from SAP, on which line must you insert the "INTO TABLE @gt_flights" clause to complete the SQL statement?

#14

Question 41:

You subtract one field with type D from another field with type D. What is the data type of the result?

I

Question 42:

You analyze ABAP code with an ABAP SQL SELECT. The FROM clause contains a nested joins but there are no brackets. What do you look at to find out in which sequence the joins are evaluated?

The sequence of ON conditions

Question 43:

You need to display an error text. Where do you create it?

In a message class.

Question 44:

Which of the following data types is complete?

String

Question 45:

A class lcl_plane has the subclasses lcl_passenger and lcl_cargo. Which of the following statements is true?

You can assign an instance of lcl_passenger to a reference variable with type lcl_plane.

Question 46:

Which internal table type allows unique and non-unique keys?

Sorted

Question 47:

In a loop that processes an internal table and modifies the contents, you replace a work area with a field symbol. What do you expect to happen to the performance of the loop?

The field symbol is faster than the work area.

SET3

Question 1:

You change the definition of a database table. In which of the following scenarios do you have to manually adjust the database table?

The database table contains data and you deleted a table field.

Question 2:

Which of the following string functions are predicate functions? (2 correct)

matches ()

contains_any_of ()

Question 3:

Which of the following statements may an interface contain? Note: There are 2 correct answers to this question.

METHODS

TYPES

Question 4:

In a program you find this source code

1. AUTHORITY-CHECK OBJECT '/DWO/TRVL'
2. ID 'CNTRY' FIELD 'DE'
3. ID 'ACTVT' FIELD '03'.

Which of the following apply? (2 correct)

If the user is authorized for 'CNTRY' = 'DE' AND for 'ACTVT' = '03' then the return code is 0.

If the user is NOT authorized for 'CNTRY' = 'DE' OR for 'ACTVT' = '03' then the program will terminate.

Question 5:

Which patterns raise an exception? (3 correct)

- ☒

1. DATA: gv_target TYPE c LENGTH 5.

2. CONSTANTS: gco_string TYPE string VALUE '0123456789ABCDEF'.
3. gv_target = EXACT #(gco_string+5(6)).

• ☐

1. DATA: gv_target TYPE d.
2. CONSTANTS: gco_date TYPE d VALUE.

• ☒

1. DATA: gv_target TYPE p DECIMALS 2.
2. CONSTANTS: gco_int1 TYPE i VALUE 3.
3. gv_target = EXACT #(2 / gco_int1).

Question 6:

Which of the following SQL techniques is available in ABAP SQL but NOT supported in ABAP CDS?

ORDER BY

Question 7:

The term "Local Platform APIs" is directly associated with which of the following?

SAP BTP, ABAP environment

SAP S/4HANA Cloud, ABAP environment

Question 8:

Which of the following are principles of REST architecture? Note: There are 3 correct answers to this question.

Stateless

Layered system

Question 9:

Which of the following are tools that can be used to adapt custom code manually or automatically? Note: There are 2 correct answers to this question.

ABAP development tools for Eclipse Quick Fix

Custom Code Migration app

Question 10:

You want to extend a dictionary database table with a field ZZMYFIELD. The dictionary database table definition contains annotation @ABAPCatalog.enhancement.category. For which of the following annotation values can field ZZMYFIELD have built-in type INT4? Note: There are 2 correct answers to this question.

#EXTENSIBLE_ANY

#EXTENSIBLE_CHARACTER_NUMERIC

Question 11:

Which type of legacy code does SAP recommend you eliminate when you review modifications as part of an SAP S/4HANA systemconversion? (2 correct)

Code that can be redesigned as a key user extension

Code that now is identical to a standard SAP object

Question 12:

Which of the following ABAP Dictionary objects can you use as data types in ABAP code? Note: There are 3 correct answers to this question.

Database Table

Structure

Data Element

Question 13:

Which of the following are ABAP RESTful application programming model layers? Note: There are 3 correct answers to this question.

Business Service Exposure

Domain Model and Implementation

Data Access

Question 14: **Correct**

Which of the following annotations can be mandatory in the definition of a CDS view entity?

@Semantics.quantity.unitofMeasure

Question 15:

Which of the following results in faster access to internal tables? (3 correct)

In a hashed internal table, specifying the primary key completely.

In a hashed internal table, specifying the primary key partially from the left without gaps.

In a sorted internal table, specifying the primary key completely.

Question 16:

You define a dictionary table type with a dictionary type as row type. When does the resulting internal table have columns that you can address with column names? Note: There are 2 correct answers to this question.

When the row type is a structure

When the row type is a database table

Question 17:

What would be the correct expression to change a given string value 'mr joe doe' into 'JOE' in an ABAP SQL field list?

```
SELECT FROM TABLE dbtab1
```

1. FIELDS
2. f1,
3. substring(upper('mr joe doe'), 4, 3) AS f2_sub_up,
4. f3,...

Question 18:

Which of the following are factors to consider when choosing between system conversions and new implementations?

Note: There are 3 correct answers to this question.

Sponsorship

Transactional Data ☐

Interfaces

Question 19:

Which of the following are key parts of the clean core concept? Note: There are 3 correct answers to this question.

Usage of released APIs

Elimination of modifications

Strict separation between extensions and the underlying application

Question 20:

Which of the following are part of SAP's LCNC toolset? Note: There are 3 correct answers to this question.

SAP Build Process Automation

SAP Build Work Zone

SAP Build Apps

Question 21:

You define a foreign key dependency in the ABAP dictionary. What effect does it have? Note: There are 2 correct answers to this question.

The relationship is documented on ABAP dictionary level.

Generated input checks in classical user dialogues.

Question 22:

You have a superclass super that has three subclasses sub1, sub2, and sub3. In a TRY...CATCH block, you want to catch sub1 explicitly and sub2 and sub3 via their superclass. You also want to catch any other exceptions using cx_root. What is the correct sequence of CATCH statements?

CATCH sub1. CATCH super. CATCH cx_root.

Question 23:

Given this code,

1. DATA: go_super TYPE REF to lcl_super,
2. go_sub1 TYPE REF TO lcl_sub1.
3. go_sub1 = CAST #(go_super).
4. go_sub1->sub1_meth1(...).

with which predicate condition can you ensure that the CAST will work?

IS INSTANCE OF

Question 24:

Which of the following features of SAP Build is oriented towards a citizen developer?

Intuitive graphical tools utilizing code generation

Question 25:

Which of the following are reasons why software extensions are needed? Note: There are 3 correct answers to this question.

Customized business processes

Desired customer outcomes

Flexibility

Question 26:

Given the following Core Data Service View Entity Data Definition:

1. AccessControl.authorizationCheck: #NOT REQUIRED
2. DEFINE VIEW ENTITY demo_sales_cds_so_i_ve
3. AS SELECT FROM demo_sales_so_i
4. ASSOCIATION TO PARENT demo_sales_cds_so_ve AS SalesOrder
5. ON \$projection.parent key = SalesOrder.so_key
6. COMPOSITION [0..*] OF demo_sales_cds_i_sl_ve AS _ScheduleLine
7. ASSOCIATION [0..1] TO demo_sales_cds_material_ve AS _Material
8. ON Sprojection.material Material.material
9. {
10. key so_item_key,
11. parent_key,
12. posnr,
13. _SalesOrder,

```
14.   _ScheduleLine,  
15.   _Material.material as mat  
16. }
```

Using ABAP SQL, which select statement selects the mat field on line "_Material.material as mat"?

SELECT mat FROM demo_sales_cds_so_i_ve...

Question 27:

What sequence of characters introduces an ABAP Doc comment?

"!

Explanation

ABAP Doc comments begin with "!

Question 28:

During the Preparation phase of a system conversion, which of the following tasks are done? Note: There are 3 correct answers to this question.

Determine system requirements

Perform custom code analysis

Utilize maintenance planning

Question 29:

You define a CDS view entity with an association. When is the association translated into a join on database level?

When you use the association in a path expression.

Question 30:

Which of the following are recommended clean core workstreams? Note: There are 3 correct answers to this question.

Custom code evaluation

Review of copies

Custom code adaptation

Question 31:

Skipped

An ABAP class defines an attribute with the following statement: DATA the_attribute TYPE /DMO/AGENCY. Dictionary object /DMO/AGENCY is a database table definition. What kind of data object is the_attribute?

Structure

Question 32:

Skipped

Which of the following are tasks of the ABAP Core Data Services? Note: There are 2 correct answers to this question.

Define Business Objects in the ABAP RESTful application programming model.

Define views on the database.

Question 33:

Which of the following are reasons why a consumer-grade UX is important? Note: There are 3 correct answers to this question.

Reduction in user errors

Training cost savings

Productivity gains

Question 34:

You define a database table in the ABAP Dictionary. What is needed to make the database table client dependent?

A key field of type CLNT

Explanation

A database table is client dependent if it has a key field of type CLNT.

Question 35:

Which of the following tools can be used to analyze the performance of individual SQL statements? Note: There are 2 correct answers to this question.

SQL Trace

SQL Monitor

Question 36:

Which of the following are the three possibilities for a customer to implement SAP S/4HANA? Note: There are 3 correct answers to this question.

New implementation

System landscape transformation

System conversion

Question 37:

Which of the following are correct ways to add a comment in a data definition? Note: There are 2 correct answers to this question.

/*...*/

//

Question 38:

Which of the following are the stack layers that classical extensibility refers to? Note: There are 3 correct answers to this question.

**Visual
Middle
Data**

Question 39:

In an ABAP class, you work with a structured data object struct. The structure type of struct contains a named include %tky and the included structure contains a component airlineid. Which of the following statements leads to a syntax error?

none

Question 40:

Which of the following is the default cardinality of an association if no cardinality is specified?

[0..1]

Question 41:

Which of the following dictionary types are mapped to ABAP data type P (packed number)? Note: There are 2 correct answers to this question.

DEC

CURR

Question 42:

Which of the following are building blocks of the SAP Fiori design approach?

Note: There are 3 correct answers.

SAPUI5

SAP Business Application Studio

SAP Fiori elements

Question 43:

Which statement can you use to change the contents of a row of data in an internal table?

Modify table

Question 44:

Which of the following extensions are allowed on a CDS view that does not contain the annotation, ABAPCatalog.viewEnhancementCategory? Note: There are 3 correct answers to this question.

Additional expressions in the element list

Additional associations in the element list

Additional fields in the element list

Question 45:

Which of the following are essential aspects of ABAP Cloud? Note: There are 3 correct answers to this question.

ABAP RESTful application programming model

ABAP development tools for Eclipse

ABAP Cloud language

Question 46:

Which of the following are types of indirect modifications? Note: There are 3 correct answers to this question.

Clones of SAP objects

Class method overwrites

Implicit enhancements

Question 47:

Which restrictions exist for ABAP SQL arithmetic expressions? (2 correct)

Decimal types and integer types can NOT be used in the same expression.

Floating point types and integer types can NOT be used in the same expression.

Question 48:

Where do you create translatable texts for your exception classes?

As a message in a message class

Question 49:

You define a CDS view entity with an input parameter. In which operand positions can you use the input parameter? Note: There are 2 correct answers to this question.

As value for the input parameter of another CDS view entity.

Filter value in the WHERE clause.

Question 50:

Which of the following are principles of cloud native? Note: There are 3 correct answers to this question.

Application Programming Interfaces (APIs)

Microservices

Infrastructure Independent

Question 1:

Which of the following tasks are typically done in a Projection view of the ABAP RESTful Application Programming Model (RAP)? Note: There are 2 correct Answers to this question.

Enable full-text search in the application

Define a value help for an input field

Question 2:

You have written the following code: START-OF-SELECTION. LOOP AT itab INTO DATA(line). * ENDLOOP. The system creates a variable called Line. When is it created and when can you address it?

It is created when the LOOP statement is processed. You can access it any time after the declaration.

Question 3:

Which of the following are currently available ABAP platform reuse services? Note: There are 3 correct answers to this question.

Change Documents

Email Service

Knowledge Transfer Documents

Question 4:

Which building blocks of the ABAP RESTful Programming Model (RAP) are part of the Core Data Services (CDS)? Note: There are 2 correct answers to this question.

Service Definition

Behavior Definition

Question 5:

You implement a SELECT statement in ABAP. When do you use the key word FIELDS?

When the position of the fields list is after the FROM clause.

When the position of the fields list is after the ORDER BY clause.

Question 6:

Which of the following does the term "Cloud Extensibility Model" refer to?

Tier 1

Question 7:

Which of the following are use cases for side-by-side extensions? Note: There are 2 correct answers to this question.

Creating custom applications integrating data from SAP S/4HANA Cloud and SAP Ariba

A custom solution needing to be developed by a partner

Question 8:

You are creating an enhancement implementation using key user extensibility. Which of the following can you do in the web-based ABAP editor? Note: There are 3 correct Answers to this question.

Assign your implementation to a transport request.

Test your custom logic.

Directly access SAP database tables.

Create lter conditions

Question 9:

You want to use the extensibility app, Custom Fields and Logic, to define custom fields for an SAP Fiori app. Which of the following conditions is a prerequisite for this activity?

Custom fields can only be created for SAP Fiori apps that have been enabled by SAP for this type of extension.

Question 10:

You have a field currcode in a CDS view definition. You want to annotate the field with a label.

Which of the following are syntactically correct? Note: There are 2 correct answers to this question.

**@EndUserText.label: 'Currency Code' currcode,
currcode @<EndUserText.label: 'Currency Code' ,**

Question 11:

Where do you distinguish between OData V2 or OData V4?

Service Binding

Question 12:

Which of the following are challenges with trying to use classical extensibility in SAP S/4HANA Cloud? Note: There are 2 correct answers to this question.

In SAP S/4HANA Cloud, there are no customer-specific customer update projects

In SAP S/4HANA Cloud, all software updates run simultaneously

Question 13:

Given the following code,

```
1. DATA gv_text1 TYPE string."#EC_NEEDED  
2. DATA gv_text2 TYPE string. ##NEEDED
```

What are valid statements? (2 correct)

##NEEDED is checked by the syntax checker.

The pragma is not checked by the syntax checker.

Question 14:

In this nested join below,

```
1. SELECT FROM t_a AS a  
2. LEFT OUTER JOIN t_b AS b  
3. LEFT OUTER JOIN t_c AS c  
4. ON c~f1 = b~f1 AND c~f2 = b~f2  
5. ON b~f1 = a~f1 WHERE...
```

in which way is the join evaluated?

From the top to the bottom in the order of the on conditions :

1. b is joined with c

2. a is joined with b

Question 15:

You have two internal tables itab1 and itab2. What is true for using the expression itab1 = corresponding #(itab2)? (2 correct)

Fields with the same name and the same type will be copied from itab2 to itab1.

Fields with the same name but with different types may be copied from itab2 to itab1.

Question 16:

You use the following expression to address the internal table gt_ights: gs_ight = gt_ights[carrid = 'XX' connid = '9999']. There is NO table entry with the specified key. What is the result of the statement?

gs_ight is initialized. The system triggers an exception.

Question 17:

You want to search for custom code that needs to be adjusted. Which of the following tools can you use?

ABAP Call Monitor (SCMON)

Question 18:

Which of the following are ABAP RESTful application programming model extensibility options? Note: There are 3 correct answers to this question.

Behavior

Data Model

Question 19:

BAdIs are classified under which of the following extension types in SAP S/4HANA Cloud?

Developer Extension

Question 20:

There are many syntax differences between SAP HANA SQLScript and Open SQL. Which of the following rules are common ground between the two languages? Note: There are 2 correct Answers to this question.

Key words can be upper-case or lower-case

Comments can be marked by an asterisk (*) at position 1

Question 21:

Which of the following are valid sort operations for internal tables? (3 correct)

Sort a standard table using

Sort itab ASCENDING.

Sort a standard table using

Sort itab

Sort a standard table using

Sort itab BY field1 field2.

Question 22:

Which of the following ABAP SQL statements are valid? (2 correct)

SELECT FROM /dmo/connection FIELDS carrid, airpfrom, MAX(distance) AS dist_max, MIN(distance) AS dist_min INTO TABLE @DATA(It_hits).

SELECT FROM /dmo/connection FIELDS MAX(distance) AS dist_max MIN(distance) AS dist_min INTO TABLE @DATA(It_hits).

Question 23:

You want to define the following CDS view entity with an input parameter:

define view entity Z_CONVERT with parameters i_currency : ???.

Which of the following can you use to replace "???" (2 correct)

A built-in ABAP Dictionary type

A data element

Question 24:

Why would you use Access Controls with CDS Views? (2 correct)

Only the data corresponding to the user's automation is transferred from the database to the application layer.

All of the data from the data sources is loaded into your application automatically and filtered there according to the user's authorization.

Question 25:

You develop a transactional application with the ABAP RESTful Application Programming Model(RAP). Not all field names in the data model view are identical to the eld names in the database table. Where do you define the field name mapping?

In the Behavior Definition

Question 26:

Which of the following new repository object types were introduced with ABAP CDS? Note: There are 3 correct Answers to this question.

External View

Data Definition

Access Control

Question 27:

You use remote client proxy in ABAP. You create an Exception Class for errors related to proxy consumption. Which of the following do you use as a superclass?

CX_RAP_QUERY_PROVIDER

Question 28:

What are possible values for the annotation @AccessControl.authorizationCheck? Choose the 3 correct answers.

#CHECK
#NOT_REQUIRED
#NOT_ALLOWED

Question 29:

In the following ABAP SQL code, what are valid case distinctions? (2 correct)

- ☐

```
1. SELECT FROM dbtab1
2. FIELDS f1,
3. CASE WHEN f2 = '1' THEN "Value 1"
4. WHEN f2 < f3 AND f2 = '2' THEN "Value 2"
5. WHEN OTHERS 'Value for the rest'
6. ENDCASE AS f_case
7. INTO TABLE @gt t1.
```
- ☐

```
1. SELECT FROM dbtab1
2. FIELDS f1,
3. CASE f2
4. WHEN '1' THEN 'Value 1'
5. WHEN '2' THEN 'Value 2'
6. ELSE "Value for the rest"
7. END AS f_case
8. INTO TABLE @gt_t1.
```

Question 30:

Which of the following are valid ways to insert a comment in a Data Definition (DDL source)? Note: There are 2 correct Answers to this question.

/* comment */
// comment

Question 31:

You use the Code Inspector to Search for Potential Functional Issue. Which of the following checks are presets in FUNCTIONAL_DB variant of the Code Inspector? Note: There are 2 correct Answers to this question.

Search DB Operations in Pool or Cluster Tables

Search problematic statements for result of SELECT or OPEN CURSOR without ORDER BY

32:

You have attached a system field to an input parameter of a CDS view entity as follows:

- ```
1. define view entity Z_ENTITY with parameters
2. @Environment SystemField: #SYSTEM LANGUAGE
3. language: spras...
```

What are the effects of this annotation? (2 correct)

**You can still override the default value with a value of your own.**

**The value of sy-langu will be passed to the CDS view automatically both when you use the CDS view in ABAP and in another CDS view entity(view on view).**

Question 33:

Which of the following repository objects offer a preview function? Note: There are 2 correct Answers to this question.

**Service Definition**

**Service Binding**

Question 34:

Which of the following are essential rules of the SAP S/4HANA Cloud extensibility model? Note: There are 3 correct answers to this question.

**Usage of released objects only**

**No modifications of SAP objects**

**Clear separation of extensions and SAP code**

Question 35:

Which of the following ways can you use to address input parameter X in the CDS view definition? Note: There are 2 correct answers to this question.

@parameters.X  
\$parameters.X.  
:X.

Question 36:

You define a core data services (CDS) View. For which of the following expressions and built in functions must you provide alias? There are 3 correct answers to this question.

**Unit conversion**

**CASE expression**

**Currency Conversion**

Question 37:

Which of the following are "public released interfaces" under the SAP S/4HANA Cloud extensibility model? Note: There are 3 correct answers to this question.

**Extension Points**

**Remote APIs**

**Local APIs**

**Explanation**

Remote APIs, local APIs, and extension points are "public released interfaces" under the SAP S/4HANA Cloud extensibility model.

Question 38:

The Entity Manipulation Language (EML) is an extension of which of the following?

## The ABAP Programming Language

Question 39:

You maintain a transactional application for flight travels that was developed with the ABAP RESTful Application Model (RAP Model). You want to offer an additional button for cancelling a travel. Which of the following building blocks need to be edited? Note: There are 3 correct answers to this question.

- Data Model Projection**
- Behavior Definition**
- Behavior Projection**

Question 40:

You want to define an ABAP Core Data Services (CDS) view that totals the NET\_AMOUNT column for each sales order (column SOJD). Which SELECT statement would you use in the definition? Please choose the correct answer.

**select from snwd\_so {so\_id( sum(net\_amount) as sum\_amount} group by sojd**

Question 41:

Which of the following are factors to consider in deciding what extensibility option to use? Note: There are 3 correct answers to this question.

- Extension architecture**
- Extension scope and size**
- Extension use case**

Question 42:

Which objects are created when a Data Definition is activated? Choose the 2 correct answers.

- CDS View**
- Data Definition View**
- SQL View**

Question 43:

Which of the following do you use as a separator between a table and field name in a CDS view definition?

**Period (.)**

Question 44:

Which of the following new features are supported by the CDS Views but not by the ABAP Dictionary Views?

Note: There are 3 correct answers to this question.

- Nested views (View-on-View)**
- Aggregations and grouping**
- Expressions in the field list**

Question 45:

Which of the following does the tier 2 extensibility model apply to? Note: There are 2 correct answers to this question.

- SAP S/4HANA**
- SAP S/4HANA Cloud, private edition**

Question 46:

Which of the following are key user extensibility tools? Note: There are 3 correct answers to this question.

- Custom Fields**
- Custom CDS Views**
- Custom Business Objects**

Question 47:

You have written a program that uses inline declarations and assigns values using expressions. The global data declarations contain the following statement: DATA o TYPE REF TO cl\_class. Which of the following are valid statements? Note: There are 3 correct answers to this question.

- o = NEW( ).**
- o = NEW cl\_class( ).**
- DATA(p) = NEW cl\_class( ).**

Question 48:

Given this code,

```
1. DATA: go_super TYPE REF TO lcl_super,
2. go_sub1 TYPE REF TO lcl_sub1,
3. go_sub2 TYPE REF TO lcl_sub2.
4.
5. go_super = NEW go_sub2(...).
6. go_super = NEW go_sub1(...).
7. go_sub1 = CAST #(go_super).
8. go_sub1->sub1_meth1(...).
9. go_sub2 = CAST #(go_super).
10. go_sub2->sub2_meth1(...).
```

With lcl\_super being superclass for lcl\_sub1 and lcl\_sub2 and with methods sub1\_meth1 and sub2\_meth1 being subclass-specific methods of lcl\_sub1 or lcl\_sub2, respectively.

What will happen when executing these casts? (2 correct)

- go\_sub1->sub1\_meth1(...). will work.**
- go\_sub1 = CAST #( go\_super ), will work**
- go\_sub2 = CAST #( go\_super ). will not work.**

Question 49:

Which of the following would a custom wrapper fall under?

**Tier 2**

Question 50:

In SAP S/4HANA, a replacement object is assigned to transparent table ANEA. Which uses of table ANEA do you have to correct when migrating an SAP ERP system to SAP S/4HANA? Note: There are 2 correct Answers to this question.

**In the FROM clause of a DELETE statement**