C_ABAPD_2309

Question 1

Which function call returns 0?

    A. Count_any_of (val - 'ABAP ABAP abap' sub "AB")

    B. Count (val - 'ABAP ABAP abap' sub - 'AB')

    C. find_any_of (val = "ABAP ABAP abap' sub = "AB")

    D. find_any_not_of(val 'ABAP ABAP abap' sub = 'AB')

Answer – **C** (Count returns the number of matches, but find any returns the position of first match)

Question 2

In which products must you use the ABAP Cloud Development Model? Note: There are 2 correct answers to this question.

    A. SAP S/4HANA Cloud, private edition (Private cloud also have on premise system, so not mandatory to use cloud driven approach)

    B. SAP BTP, ABAP environment

    C. SAP S/4HANA on premise

    D. SAP S/4HANA Cloud, public edition

Answer - **B D**

Question 3

Which RESTful Application Programming object can be used to organize the display of fields in an app?

    A. Data model view

    B. Metadata extension

    C. Service definition

    D. Projection view

Answer - **B**

Question 4

Given this code,

```
DATA: go_super TYPE REF TO lcl_super,
      go_sub   TYPE REF TO lcl_sub.
go_sub = NEW #( ... ).
go_super = go_sub.
```

with lcl_super being superclass of lcl_sub.

When accessing the subclass instance through go_super, what can you do? Note: There are 2 correct answers to this question.

    A. Access the inherited private components.

    B. Access the inherited public components.

    C. Call a subclass specific public method.

    D. Call inherited public redefined methods.

Answer BD

Question 5

Given the following code in an SAP S/4HANA Cloud private edition tenant:

```
1 CLASS zcl_demo_class DEFINITION.
2 METHODS: m1.
3 ENDCLASS.
4 CLASS zcl_demo_class Implementation.
5 METHOD m1.
6 CALL FUNCTION 'ZF1'.
7 ENDMETHOD
8 ENDCLASS.
```

The class zcl_demo_class is in a software component with the language version set to "ABAP Cloud". The function module ZF1' is in a different software component with the language version set to "Standard ABAP". Both the class and function module are customer created.

Regarding line #6, which of the following are valid statements? Note: There are 2 correct answers to this question.

  A. ZF1' can be called only if it is released for cloud development.
  B. 'ZF1' can be called if a wrapper is created for it and the wrapper itself is released for cloud development.
  C. "ZF1" can be called whether it is released or not for cloud development.
  D. ZF1" can be called if a wrapper is created for it but the wrapper itself is not released for cloud development.

Answer - A B

Question 6

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

```
define view entity Z_ENTITY with parameters
@Environment.SystemField: #SYSTEM_LANGUAGE
language : spras ...
```

Define view entity Z_ENTITY with parameters

@Enviornment.SystemFiedl: #SYSTEM_LANGUAGE

Language: sparas …

What are the effects of this annotation? Note: There are 2 correct answers to this question.

  A. It is no longer possible to pass your own value to the parameter.
  B. You can still override the default value with a value of your own.
  C. The value of sy-langu will be passed to the CDS view automatically when you use the CDS view in ABAP but not when you use it in another view entity.
  D. 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).

Answer B D

Question 7

In the assignment.

data (gv_result) = 1 / 8.

what will be the data type of gv_result?

A. TYPE I
B. TYPE P DECIMALS 2
C. TYPE DEFLOAT 16
D. TYPE P DECIMALS 3

Answer A

Question 8

Given this code,

```
INTERFACE if1.
  METHODS m1.
ENDINTERFACE.

CLASS cl1 DEFINITION.
  ...
  INTERFACES if1.
ENDCLASS.
...
CLASS cl2 DEFINITION.
  ...
  DATA mo_if1 TYPE REF TO if1.
  ...
ENDCLASS.
...
```

What are valid statements? Note: There are 3 correct answers to this question

A. In class CL2, the interface method is named if1-m1.
B. Class CL2 uses the interface.
C. In class CL1, the interface method is named if1-m1.
D. Class CL1 uses the interface.
E. Class CL1 implements the interface.

Answer B C E

Question 9
Given this code,

```
DATA: go_super TYPE REF TO lcl_super,
      go_sub1  TYPE REF TO lcl_sub1,
      go_sub2  TYPE REF TO lcl_sub2.

go_super = NEW go_sub2( ... ).
go_super = NEW go_sub1( ... ).
go_sub1  = CAST #( go_super ).
go_sub1->sub1_meth1( ... ).

go_sub2  = CAST #( go_super ).
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 ld_sub1 or lcl_sub2, respectively

What will happen when executing these casts? Note: There are 2 correct answers to this question
A. go_sub1->sub1_meth 1(...). will work.
B. go sub2->sub2 meth 1(...). will work.
C. go sub1 = CAST # go super), will not work
- go_sub2 = CAST # go super), will work.
D. go_sub1 CAST #go_super), will work
   go_sub2 = CAST #(go_super). will not work.

Answer A,B

Question 10

Setting a field to read-only in which object would make the field read-only in all applications of the RESTful Application Programming model?

    A. Service definition
    B. Metadata extension
    C. Behavior definition
    D. Projection view

Answer B

Question 11

What are some features of a unique secondary key? Note: There are 2 correct answers to this question.

    A. It is created with the first read access of a table.
    B. It is created when a table is filled.
    C. It is updated when the table is modified.
    D. It is updated when the modified table is read again.

Answer BC

Question 12

Which of the following results in faster access to internal tables? Note: There are 3 correct answers to this question.

    A. In a sorted internal table, specifying the primary key partially from the left without gaps.
    B. In a hashed internal table, specifying the primary key completely.
    C. In a sorted internal table, specifying the primary key completely.
    D. In a standard internal table, specifying the primary key partially from the left without gaps.
    E. In a hashed internal table, specifying the primary key partially from the left without gaps.

Answer A B C

Question 13

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

Define view entity Z_CONVERT
With parameters currency: ???

Which of the following can you use to replace "???? Note: There are 2 correct answers to this question.

    A. A built-in ABAP Dictionary type
    B. A data element
    C. A built-in ABAP types.
    D. A component of an ABAP Dictionary structure

Answer - B C

Question 14
Match the sequence of execution in the dropdown list to the operation. (1 is the highest priority and 3 is the lowest priority.)

A. Addition (+) and Subtraction (-)Choose an item.
B. Numeric functions Choose an item.
C. Multiplication (") and Division (/)Choose an item.

Answer – B - 1   C - 2   A - 3

Question 15
In a subclass sub1 you want to redefine a component of a superclass super1. How do you achieve this? Note: There are 2 correct answers to this question.
A. You add the clause REDEFINITION to the component in sub1.
B. You implement the redefined component in sub1.
C. You implement the redefined component for a second time in super1.
D. You add the clause REDEFINITION to the component in super1.

Answer A B

Question 16
In a program you find this source code
AUTHORITY-CHECK OBJECT '/DWO/TRVL '
ID 'CNTRY' FIELD 'DE'
ID ACTVT FIELD '03".

Which of the following apply? Note: There are 2 correct answers to this question.
A. AUTHORITY CHECK verifies whether a user is authorized for /DMO/TRVL" with the listed field values.
B. If the user is authorized for 'CNTRY = 'DE' AND for 'ACTVT = '03 then the return code is 0.
C. If the user is NOT authorized for 'CNTRY' = 'DE' OR for 'ACTVT' = '03 then the program will terminate.
D. If the user is authorized for 'CNTRY = 'DE' then the return code is always 0.

Answer B C

Question 17

Which of the following are valid sort operations for internal tables? Note: There are 3 correct answers to this question.

A. Sort a sorted table using.
   SORT itab DESCENDING. (Can't sort the sorted table)
B. Sort a sorted table using.
- SORT itab BY field1 ASCENDING field2 DESCENDING. (Can't sort the sorted table)
C. Sort a standard table using.
- SORT itab ASCENDING.
D. Sort a standard table using
- SORT itab BY field1 field2.
E. Sort a standard table using
- SORT itab.

Answer C D E

Question 18
Which statement can you use to change the contents of a row of data in an internal table?

A. Append table.
B. Insert table.
C. Update table
D. Modify table.

Answer D

Question 19
In an Access Control Object, which clauses are used? Note: There are 3 correct answers to this question.

A. Where (to specify the access conditions)
B. Return code (to assign the return code of the authority check)
C. Define role (to specify the role name)
D. Revoke (to remove access to the data source)
E. Grant (to identify the data source)

Answer A C E

Question 20

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

```
1 DATA gt_flights type standard table of demo_cds_flights
2
3 SELECT
4
5 FROM demo_cds_flights
6
7 FIELDS carrid, connid, fldate, SUM(payment_sum), currency
8
9 WHERE fldate > @sy-datum
10
11 GROUP BY carrid, connid, fldate
12
13 ORDER BY carrid, connid
14
15
```

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?

A. #15
B. #6
C. #8
D. #4

Answer - A

Question 21

Given this code,

```
Given this code,

DATA: go_super TYPE REF TO lcl_super,
      go_sub1   TYPE REF TO lcl_sub1.
...
go_sub1   = CAST #( go_super ).
go_sub1->sub1_meth1( ... ).
```

with which predicate condition can you ensure that the CAST will work?
Data: go_super type ref to Lcl_suber,
      Go_sub1 type ref to Lcl_sub1.

Go_Sub1 = Cast # (go_super).
So_sub1 -> sub1_meth1(…).

A. IS BOUND
B. IS INSTANCE OF
C. IS NOT INITIAL
D. IS SUPPLIED

Answer B

Question 22

What is the sequence priority when evaluating a logical expression?

A. NOT 1
B. OR 3
C. AND 2

Answer A -1   B – 3 C - 2

Question 23

Which of the following are parts of the definition of a new database table? Note: There are 2 correct answers to this question.

A. Field list
B. Extension
C. Semantic table attributes
D. Partitioning attributes

Answer A C

Question 24

In a RESTful Application Programming application, in which objects do you bind a CDS view to create a value help? Note: There are 3 correct answers to this question.

A. Data model view
B. Service definition
C. Behavior definition
D. Projection view
E. Metadata extension

Answer: ADE

Question 25

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

A. P
B. String
C. C
D. T

Answer: AC

Question 26

Which of the following integration frameworks have been released for ABAP cloud development? Note: There are 3 correct answers to this question.

A. OData services
B. Business events
C. SOAP consumption
D. Business Add-ins (BAdls)
E. CDS Views

Answer A B C

Question 27

Given this code,

```
INTERFACE if1.
  METHODS m1.
ENDINTERFACE.

CLASS cl1 DEFINITION.
PUBLIC SECTION.
  INTERFACES if1.
  METHODS m2.
ENDCLASS.

...
* in a method of another class
DATA go_if1 TYPE REF TO if1.
DATA go_cl1 TYPE REF to cl1.
go_cl1 = NEW #( ... ).
go_if1 - go_cl1.
```

What are valid statements? Note: There are 3 correct answers to this question.
   A. Instead of go_cl1 = NEW #() you could use go_iff - NEW #(...).
   B. go_if1 may call method m2 with go if->m2(...).
   C. Instead of go cl1 = NEW #(...) you could use go if1 = NEW cl1(...).
   D. go_if1 may call method m1 with go_ift->m1().
   E. go_cl1 may call method m1 with go_cl1->if1-m1().

Answer CDE

Question 28

Which of the following ABAP SQL statements are valid? Note: There are 2 correct answers to this question.

```
☐ SELECT FROM /dmo/connection
     FIELDS
       MAX( distance ) AS dist_max.
       MIN( distance ) AS dist_min
     INTO TABLE @DATA(lt_hits).
☐ SELECT FROM /dmo/connection
     FIELDS
       carrid,
       airpfrom
     GROUP BY carrid, connid
     INTO TABLE @DATA(lt_hits).
☐ SELECT FROM /dmo/connection
     FIELDS
       carrid,
       airpfrom,
       MAX( distance ) AS dist_max,
       MIN( distance ) AS dist_min
     GROUP BY carrid, airpfrom
     INTO TABLE @DATA(lt_hits)
☐ SELECT FROM /dmo/connection
     FIELDS
       carrid,
       airpfrom,
       MAX( distance ) AS dist_max,
       MIN( distance ) AS dist_min
     INTO TABLE @DATA(lt_hits).
```

A. SELECT FROM /dmo/connection
   FIELDS
   MAX(distance) AS dist_max
   MIN(distance) AS dist_min
   INTO TABLE @DATA(It_hits).
   <mark>Group By missing.</mark>
B. SELECT FROM /dmo/connection
   FIELDS
   carrid,
   airpfrom
   GROUP BY carrid, connid
   INTO TABLE @DATA(It_hits).
C. SELECT FROM /dmo/connection
   FIELDS
   carrid
   airpfrom,
   MAX(distance) AS dist_max,
   MIN(distance) AS dist_min
   GROUP BY carrid, airpfrom
   INTO TABLE @DATA(It_hits)
D. SELECT FROM /dmo/connection
   FIELDS
   carrid,
   airpfrom,
   MAX(distance) AS dist_max,
   MIN(distance) AS dist_min
   INTO TABLE @DATA(It_hits)
   <mark>Group By missing.</mark>

Answer: BC

Question 29

Given the following code in an SAP S/4HANA Cloud private edition tenant:

```
1 CLASS zcl_demo_class DEFINITION.
2 METHODS: m1.
3 ENDCLASS.
4 CLASS zcl_demo_class Implementation.
5 METHOD m1.
6 CALL FUNCTION 'ZF1'.
7 ENDMETHOD
8 ENDCLASS.
```

The class zcl_demo_class is in a software component with the language version set to "Standard ABAP". The function module "ZF1' is in a software component with the language version set to "ABAP Cloud". Both the class and function module are customer created.

Regarding line #6, which of the following is a valid statement?

    A. 'ZF1' can be called via a wrapper that itself has been released for cloud development.

    B. ZF1' must be released for cloud development to be called.

    C. ZF1' can be called via a wrapper that itself has not been released for cloud development.

    D. ZF1' can be called whether it has been released or not for cloud development.

Answer D

Question 30

In ABAP SQL, which of the following retrieves the association field Airline-Name of a CDS view?

A. _Airline-Name
B. "_Airline Name
C. /_Airline Name
D. @_Airline-Name

Answer A

Question 31

Which internal table type allows unique and non-unique keys?
A. Hashed
B. Standard
C. Sorted

Answer C

Question 32

In ABAP SQL, which of the following can be assigned an alias? Note: There are 2 correct answers to this question.

A. field (from field list)
B. order criterion (from order by clause)
C. group criterion (from group by clause)
D. database table

Answer AD

Question 33

Which patterns raise an exception? Note: There are 3 correct answers to this question.

```
☐  DATA: gv_target TYPE d.
   CONSTANTS: gco_date TYPE d VALUE '20331233'.
   gv_target = EXACT #( gco_date ).

☐  DATA: gv_target TYPE c LENGTH 5.
   CONSTANTS: gco_string TYPE string VALUE '0123456789ABCDEF'.
   gv_target = EXACT #( gco_string+5(6) ).

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

☐  DATA: gv_target TYPE string.
   CONSTANTS: gco_string TYPE c LENGTH 16 VALUE '0123456789ABCDEF'.
   gv_target = EXACT #( gco_string+5(5) ).

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

A. DATA: gv_target TYPE d.

CONSTANTS: gco_date TYPE d VALUE '20331233'.

gv_target EXACT (geo_date).

B. DATA: gv_target TYPE c LENGTH 5.

CONSTANTS: ECO string TYPE string VALUE 0123456789ABCDEF".

gv_target - EXACT (gco_string+5 (6)).

C. DATA: Ev target TYPE p DECIMALS 3. CONSTANTS: gco_int1 TYPE i VALUE 2. Ev_target -
EXACT #(2 / gco_int1).

D. DATA: gv_target TYPE string.

CONSTANTS: gco_string TYPE LENGTH 16 VALUE 0123456789ABCDEF*.

gv_target = EXACT # gco_string+5 (5)).

E. DATA: gv_target TYPE p DECIMALS 2. CONSTANTS: go int1 TYPE i VALUE 3. gv_target - EXACT
(2 / gco_int1).

Answer B E

Question 34

Which of the following are features of Core Data Services? Note: There are 3 correct answers to this
question.

A. Associations
B. Inheritance
C. Annotations
D. Structured Query Language (SQL)
E. Delegation

Answer A B C

Question 35

Why would you use Access Controls with CDS Views? Note: There are 2 correct answers to this
question.

A. The system field sy-subrc is set, giving you the result of the authorization check.
B. You do not have to remember to implement AUTHORITY CHECK statements.
C. All the data from the data sources is loaded into your application automatically and
filtered there according to the user's authorization.
D. Only the data corresponding to the user's authorization is transferred from the
database to the application layer.

Answer B D

Question 36

Which ABAP SQL clause allows the use of inline declarations?
    A. INTO CORRESPONDING FIELDS OF
    B. FROM
    C. FIELDS
    D. INTO

Answer D

Question 37

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

    A. Database view
    B. Metadata extension
    C. Projection view
    D. Data model view

Answer C

Question 38

After you created a database table in the RESTful Application Programming model, what do you create next?
    A. A projection views.
    B. A data model view
    C. A metadata extension
    D. A service definition

Answer B

Question 39
In class ZCL_CLASS_A, you use the statement DATA var TYPE ***

What may stand in place of ***? Note: There are 2 correct answers to this question.
    A. The name of a type defined privately in another class
    B. The name of a domain from the ABAP Dictionary
    C. The name of a type defined privately in class ZCL_CLASS_A
    D. The name of a data element from the ABAP Dictionary

Answer: CD

Question 40

Which extensibility type does SAP recommend you use to enhance the existing UI for an SAP Fiori app?
    A. Key user
    B. Developer
    C. Side-by-side
    D. Classic

Answer A/C

Question 41

In RESTful Application Programming, which EML statement retrieves an object?

    A.   Read entity
    B.   Get entity
    C.   Find entity
    D.   Select entity

Answer A

Question 42

What are advantages of using a field symbol for internal table row access? Note: There are 2 correct answers to this question.

    A.   A MODIFY statement to write changed contents back to the table is not required.
    B.   Using a field symbol is faster than using a work area.
    C.   The row content is copied to the field symbol instead to a work area
    D.   The field symbol can be reused for other programs.

Answer A C/AB

Question 43

What is the purpose of a foreign key relationship between two tables in the ABAP Dictionary?

    A.   To create a corresponding foreign key relationship in the database
    B.   To ensure the integrity of data in the corresponding database tables
    C.   To document the relationship between the two tables

Answer B

Question 44

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

    A.   sy-subrc
    B.   sy-linno
    C.   sy-index
    D.   sy-tabix

Answer D

Question 45

In what order are objects created to generate a RESTful Application Programming application?

   A.   Database table 1
   B.   Service binding Projection view 4
   C.   Service definition 3
   D.   Data model view 2

Answer A D C B

Question 46

What are some of the reasons that Core Data Services are preferable to the classical approach to data modeling? Note: There are 2 correct answers to this question.

   A.   They compute results on the application server.
   B.   They transfer computational results to the application server.
   C.   They avoid data transfer completely.
   D.   They implement code pushdown.

Answer C D

Question 47

What RESTful Application Programming feature is used to ensure the uniqueness of a semantic key?

   A.   Validation
   B.   Determination
   C.   Action

Answer A

Question 48

Given this code,

```
< some coding >
IF <condition>.
   RAISE EXCEPTION TYPE zcx1
     EXPORTING
        param1   = value1
        param2   = value2
        previous = value3.
ENDIF.
```

What are valid statements? Note: There are 2 correct answers to this question.

- A. "zcx1" is a dictionary structure, and "param1" and "param2" are same-named components of this structure.
- B. "previous" expects the reference to a previous exception
- C. The code creates an exception object and raises an exception.
- D. "param1" and "param2" are predefined names.

Answer A D / BC

Question 49

Given this code,

```
target_itab = VALUE #( FOR row IN source_itab(
field1 = row-field1
field2 = row-field2
fieldn = row-fieldn )
).
```

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

- A. FOR defines a loop that runs over the content of source_itab
- B. row is a predefined name and cannot be chosen arbitrarily.
- C. source_itab is only visible within the loop.
- D. row is only visible within the loop.

Answer A C / AD

Question 50

For what kind of applications would you consider using on-stack developer extensions? Note: There are 2 correct answers to this question.

- A. Applications that run separate from SAP S/4HANA
- B. Applications that provide APIs for side by side SAP BTP apps
- C. Applications that access SAP S/4HANA data using complex SQL
- D. Applications that integrate data from several different systems

Answer B D

Question 51

Given the following Core Data Services View Entity Data Definition:

```
1 @AccessControl.authorizationCheck: #NOT_REQUIRED
2 ?
3 DEFINE VIEW ENTITY demo_sales_cds_so_ve_simple
4   AS SELECT FROM demo_sales_order AS SalesOrder
5   {
6     KEY so_key,
7         buyer_id      AS BuyerID,
8         currency_sum AS currencySum
9   }
```

You want to provide a short description of the data definition for developers that will be attached to the database view.

You want to provide a short description of the data definition for developers that will be attached to the database view

Which of the following annotations would do this if you inserted it on line #27

    A.   @EndUserText .label
    B.   @UI.badge.title.label
    C.   @EndUserText.quickInfo
    D.   @UI headerinto description label

Answer C / A

Question 52

Given the following code,

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

What are valid statements? Note: There are 2 correct answers to this question.

    A.   The pragma is not checked by the syntax checker.
    B.   ##NEEDED is checked by the syntax checker.
    C.   #EC_NEEDED is not checked by the syntax checker.
    D.   The pseudo-comment is checked by the syntax checker

Answer A B /BC

Question 53

Given the following code in an SAP S/4HANA Cloud private edition tenant:

```
1 CLASS zcl_demo_class DEFINITION.
2 METHODS: m1.
3 ENDCLASS.
4 CLASS zcl_demo_class Implementation.
5 METHOD m1.
6 CALL FUNCTION 'ZF1'.
7 ENDMETHOD
8 ENDCLASS.
```

The class zcl_demo_class is in a software component with the language version set to "ABAP Cloud".
The function module ZF1' is in the same software component. Both the class and function module are customer created.

Regarding line #6, which of the following is a valid statement?

A. 'ZF1' must be released for cloud development to be called.
B. 'ZF1' can be called via a wrapper that itself has not been released for cloud development.
C. 'ZF1' can be called whether it has been released or not for cloud development.
D. 'ZF1' can be called via a wrapper that itself has been released for cloud development.

Answer D /D

Question 54

Given the following Core Data Services View Entity Data Definition,

```
1 @AccessControl.authorizationCheck: #NOT_REQUIRED
2 DEFINE VIEW ENTITY demo_cds_data_source_matrix
3   AS SELECT FROM
4   <source>
5   {
6     KEY field_1,
7     field_2,
8     field_3
9   }
```

Which of the following types are permitted to be used for <source> on line #4? Note: There are 2 correct answers to this question.

A. An external view from the ABAP Dictionary
B. A database view from the ABAP Dictionary
C. A CDS DDIC-based view
D. A database table from the ABAP Dictionary

Answer B C /CD

Question 55

Which restrictions exist for ABAP SQL arithmetic expressions? Note: There are 2 correct answers to this question.

A. The operator is allowed only in floating point expressions.
B. The operator/is allowed only in floating point expressions.
C. Decimal types and integer types can NOT be used in the same expression.
D. Floating point types and integer types can NOT be used in the same expression.

Answer C D / AB

Question 56

When does SAP recommend to use a sorted or a hashed table respectively? Note: There are 2 correct answers to this question.

A. A hashed table, when you read a single record and specify the complete key.
B. A sorted table, when you read a single record and specify non key fields.
C. A hashed table, when you read a subset in a loop and specify a part of the key from the left without gaps.

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

Answer A C

Question 57

Which type of legacy code does SAP recommend you eliminate when you review modifications as part of an SAP S/4HANA system conversion? Note: There are 2 correct answers to this question.

A. Code that can be redesigned as a key user extension
B. Code that supports a critical business process
C. Code that now is identical to a standard SAP object
D. Code that has less than 10% usage according to usage statistics

Answer A C / C,D

Question 58

When processing a loop with the statement DO... ENDDO, what system variable contains the implicit loop counter?

A. sy-linno
B. sy-subrc
C. sy-labix
D. sy-index

Answer D

Question 59

Which of the following actions cause an indirect change to a database table requiring a table conversion? Note: There are 2 correct answers to this question.

A. Changing the field labels of a data element that is used in the table definition.
B. Shortening the length of a domain used in a data element that is used in the table definition.
C. Renaming a field in a structure that is included in the table definition
D. Deleting a field from a structure that is included in the table definition.

Answer B C / BD

Question 60

Class super has subclass sub.Which rules are valid for the sub constructor? Note: There are 2 correct answers to this question.

A. Import parameters can only be evaluated after calling the constructor of super.
B. The constructor of super must be called before using any components of your own instance.
C. The method signature can be changed.
D. Events of your own instance cannot be raised before the registration of a handler in super.

Answer B D

/ AB

Question 61

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

    A. find_any_not_of()
    B. contains_any_of()
    C. matches()
    D. count_any_of()

Answer B C

Question 62

In RESTful Application Programming, a business object contains which parts? Note: There are 2 correct answers to this question.

    A. Process definition
    B. CDS view
    C. Behavior definition
    D. Authentication rules

Answer B C

Question 63

Given the following code excerpt that defines an SAP HANA database table:

```
1 DEFINE TABLE demo_table
2 {
3 KEY field1 : REFERENCE TO abap.clnt(3);
4 KEY field2 : abap.char(1332);
5 @Semantics.quantity.unitOfMeasure : 'demo_table.field4'
6 field3 : abap.quan(2);
7 field4 : abap.unit(2);
8 }
```

Which field is defined incorrectly?

    A. field2
    B. field4
    C. field1
    D. field3

Answer A , C

Question 64

You have a superclass super1 and a subclass sub1 of super1. Each class has an instance constructor and a static constructor. The first statement of your program creates an instance of sub1. In which sequence will the constructors be executed?

    A. Class constructor of super1. Choose an item.
    B. Instance constructor of sub1. Choose an item.

C. Instance constructor of super1 Choose an item.

D. Class constructor of sub1. Choose an item.

Answer C

Question 65

What are some properties of database tables? Note: There are 2 correct answers to this question.

A. They can have any number of key fields.

B. They store information in two dimensions.

C. They may have key fields.

D. They can have relationships to other tables.

Answer C D

Question 66

In this nested join below

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

in which way is the join evaluated?

A. From the left to the right in the order of the tables:
   1. a is joined with b
   2. b is joined with c

B. 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

C. From the bottom to the top in the order of the on conditions:
   1. a is joined with b
   2. b is joined with c

D. From the right to the left in the order of the tables:
   1. b is joined with c.
   2. b is joined with a.

Answer B,D

Question 67

Given the following Core Data Services View Entity Data Definition:

```
1 @AccessControl.authorizationCheck: #NOT_REQUIRED
2 DEFINE VIEW ENTITY demo_cds_assoc_element
3   AS SELECT FROM scarr
4   ASSOCIATION OF ONE TO MANY demo_cds_assoc_spfli AS _spfli
5   ON scarr.carrid = _spfli.carrid
6   {
7     KEY carrid,
8 ?
9     carrname
10 }
```

The "demo_ods_assoc_spfi data source referenced in line #4 contains a field "connid" which you would like to expose in the element list.Which of the following statements would do this if inserted on line #8?

A. demo_ods_assoc_spfli.connid,
B. spfli-connid,
C. _spfli.connid,
D. demo_ods_assoc_spfli-connid,

Answer C / C

Question 68

As a consultant you are posed the following question from a client who is using SAP S/4HANA Cloud, public edition and also SAP BTP, ABAP environment.

"We are currently using an SAP Fiori app based on SAP Fiori elements that analyzes open orders. We have determined that it should be extended via a new button on the UI which will perform an on-the-fly calculation and display the result in a quick popup for the enduser. We have been informed by SAP that all underlying stack layers for the SAP Fiori app have been extensibility enabled."

Based on this which of the following extension types would you recommend to the customer to add the new button?

A. RAP BO Behavior Extension
B. SAP HANA database table extension
C. Business Service Extension
D. RAP BO Node Extension

Answer D / D

Question 69

Given the following ABAP SQL statement excerpt from an ABAP program:

```
1 SELECT SINGLE *
2 FROM spfli
3 WHERE carrid = 'LH' AND connid= '0400'
4 INTO @DATA(wa).
```

You are given the following information:

1. The data source "spfli" on line #2 is an SAP HANA database table
2. "spfli" will be a large table with over one million rows.
3. This program is the only one in the system that accesses the table.
4. This program will run rarely.

Based on this information, which of the following general settings should you set for the spfli database table? Note: There are 2 correct answers to this question.

A. "Load Unit to "Column Loadable"
B. "Load Unit' to 'Page Loadable"
C. "Storage Type" to "Row Store"
D. "Storage Type" to "Column Store"

Answer B D / BD

Question 70

What are some characteristics of secondary keys for internal tables? Note: There are 3 correct answers to this question.

A. Multiple secondary keys are allowed for any kind of internal table.
B. Secondary keys can only be created for standard tables.
C. Secondary keys must be chosen explicitly when you actually read from an internal table.
D. Hashed secondary keys do NOT have to be unique.
E. Sorted secondary keys do NOT have to be unique.

Answer A C D

Question 71

Give the following Core Data Service view entity data definition:

```
1 @AccessControl.authorizationCheck: #NOT_REQUIRED
2 DEFINE VIEW ENTITY demo_cds_param_view_entity
3 WITH PARAMETERS
4 p_date :abap.dats
5 AS SELECT FROM
6 sflight
7 {
8   KEY carrid,
9   KEY connid,
10 KEY fldate,
11 price,
12 seatsmax,
13 seatsocc
14 }
15 WHERE fldate >= $parameters.p_date;
```

Which of the following ABAP SQL snippets are syntactically correct ways to provide a value for the parameter on line #4? Note: There are 2 correct answers to this question

A.   ...SELECT * FROM demo_cds_param_view entity (p_date: $session.system_date)...
B.   ...SELECT * FROM demo_cds_param_view_entity (p_date: 20238181')...

C. ...SELECT * FROM deno_cds_param_view_entity (p_date = @ (cl_abap_context_info->get_system_date ()))...

D. ...SELECT * FROM deno_cds_param_view_entity (p_date - '20230101')...

Answer A / A,B

Question 72

You have the following CDS definition:

```
define view entity Z_ENTITY as select from Z_SOURCE1 as _Source1
association to Z_SOURCE2 as _Source2

???

{
key carrier_id as Carrier,
key connection_id as Connection,
    cityfrom as DepartureCity,
    cityto as ArrivalCity ,

_Source2
}
```

Which of the following ON conditions must you insert in place of "???"?

A. ON Z_Source1.camer_id=7_Source2 carrier_id
B. ON Sprojection. Carrier Source2.carrier
C. ON Sprojection.carrier_id=Z_Source2.carrier_id
D. ON Sprojection Camer=Source2 carrier_id

Answer C / B

Question 73

You have two internal tables itab1 and itab2.What is true for using the expression itab1 = corresponding #(itab2)? Note: There are 2 correct answers to this question.

A. Fields with the same name and the same type will be copied from itab2 to itab 1.
B. itab1 and itab2 must have at least one field name in common.
C. itab1 and itab2 must have the same data type.
D. Fields with the same name but with different types may be copied from itab2 to itab1.

Answer A B
/ AD

Question 74

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

A. SELECT FROM TABLE dbtab1

   FIELDS

   f1,

   substring(upper('mr joe doe'), 4, 3) AS f2_sub_up,

   f3,...

B. SELECT FROM TABLE dbtab1

   FIELDS

   f1,

   upper(left('mr joe doe', 6)) AS f2_up_left,

   f3,

C. SELECT FROM TABLE dbtab1

   FIELDS

   f1,

   substring(lower(upper('mr joe doe')), 4, 3) AS f2_sub_lo_up,

   f3,

D. SELECT FROM TABLE dbtab1

   FIELDS

   f1,

   left(lower(substring('mr joe doe', 4, 3)), 3) AS f2_left_lo_sub,

   f3,

Answer A / A

Question 75

For the assignment,

gv_target = gv_source.

which of the following data declarations will always work without truncation or rounding? Note: There are 2 correct answers to this question.

A. DATA gv_source TYPE p LENGTH 8 DECIMALS 3.

   to

   DATA gv_target TYPE p LENGTH 16 DECIMALS 2.

B. DATA gv_source TYPE d.

   to

   DATA gv_target TYPE string.

C. DATA gv_source TYPE c.

   to

   DATA gv_target TYPE string.

D. DATA gv_source TYPE string.

   to

   DATA gv_target TYPE c.

Answer B C / BC

Question 76

Given the following Core Data Service View Entity Data Definition,

```
1 @AccessControl.authorizationCheck: #NOT REQUIRED
2 DEFINE VIEW ENTITY demo_flight_info_union AS
3       SELECT FROM Scustom
4       {
5       KEY    id,
6       KEY    'Customer'    AS partner,
7              name,
8              city,
9              country
10      }
11      UNION
12          SELECT FROM stravelag
13          {
14              KEY     agencynum     As id,
15                      'Agency '     AS partner,
16                      name,
18                      city,
19                      country,
20          }
```

when you attempt to activate the definition, what will be the response?

    A. Activation error because the field names of the union do not match

    B. Activation successful

    C. Activation error because the field types of the union do not match

    D. Activation error because the key fields of the union do not match

Answer D / D

Question 77

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 $projection.material = _Material.material
9 {
10
11 key so_item_key,
12     parent_key,
13     posnr,
14
15 _SalesOrder,
16 _ScheduleLine,
17 _Material.material as mat
18 }
```

Using ABAP SQL, which select statement selects the mat field on line #17?

A. SELECT mat FROM demo_sales_so_i...
B. SELECT mat FROM demo_sales_cds_material_ve...
C. SELECT mat FROM de/mo_sales_cds_so_i_ve...
D. SELECT mat FROM Material...

Answer C / b

Question 78

Which of the following is a generic internal table type?

    A. SORTED TABLE
    B. HASHED TABLE
    C. INDEX TABLE
    D. STANDARD TABLE

Answer D / D

Question 79

/DMO/I_Connection is a CDS view.

What variable type is connection full based on the following code?

DATA connection full TYPE /DMD/I_Connection.

    A. Simple variable
    B. Internal table
    C. Structure

Answer C / C

Question 80

In the following ABAP SQL code, what are valid case distinctions? Note: There are 2 correct answers to this question.

A. SELECT FROM dbtab1
   FIELDS F1,
   CASE
       WHEN F2 = '1' THEN 'Value 1
       WHEN f2'2' THEN 'Value 2' ELSE "Value for the rest'
   END AS f case
   INTO TABLE @et t1.

B. SELECT FROM dbtab1
    FIELDS F1,
    CASE
        WHEN F2 = '1'   THEN "Value 1'
        WHEN f2 < f3 AND f2 = '2' THEN "Value 2'
            WHEN OTHERS 'Value for the rest'
            ENDCASE AS f_case
            INTO TABLE @gt t1.

C. SELECT FROM dbtab1
    FIELDS f1,
    CASE f2
    WHEN '1' THEN 'Value 1'
    WHEN '2' THEN 'Value 2'
    ELSE "Value for the rest'
    END AS f_case
    INTO TABLE @gt_t1.

D. SELECT FROM dbtab1
    FIELDS F1,
    CASE f2,
        WHEN '1' THEN 'Value 1',
        WHEN '2' THEN 'Value 2',
        WHEN OTHERS "Value for the rest",
    ENDCASE AS f_case
    INTO TABLE @gt t1.

Answer B C