1.Your customer wants to generate an advanced Datastore object out of an Open ODS view based on an SAP HANA table with the Generate Dataflow function. Which data load technique is used?

a. Info package without a persistent staging area PSA

b. info package with a persistent staging area PSA

c. SAP Landscape Transformation (SLT)

d. DTP with direct access.

ANS: d

2. A person wants to see where the first data row begins, and how many headers there are? Select the best option to see the data

a. Meta data

b. DB data

c. Core Data

d. Display data

ANS: d

3.Which of the following is a valid combination of objects to contain inside a

Multi-Provider?

a. Data Store, infocube, SPO

b. Data Source, InfoCube, SPO

c. Data Source, InfoCube, Aggregate

d. BI Content, infoCube, Aggregate

e. DataStore, info Object Catalog , SPO

f. DataStore, infoCube, Query View

ANS: A (additional right options : InfoCube, ODS objects, InfoObjects and InfoSets)

4. What are the main forms of data use in Operational Reporting within Classic Data

Warehousing?

a. Strategic for aggregated data

b. Operational for granular data

c. Upload data for customers

d. Systematic data

ANS: A,B

5. When a person needs to combine data from BW provider for Cost transactional data and for SAP HANA view for revenue transactional data to create a report. Which is the approach you recommend?

a. Attach the SAP HANA system to the BW Project and create a composite provider for

both

b. Attach the SAP HANA system to the BW Project and create am ADSO for both

c. Attach the SAP HANA system to the BW Project and create an Open DSO

d. Attach the SAP HANA system to the BW Project and create a Multiprovider to combine data from BW provider for Cost and as well for SAP HANA view for revenue to create a report on this**.**

ANS: A (option 3 is mentioned different for that also answer is A)

6. A person wants to create a HANA data table to store Product Attribute data. What is the advantages of column tables?

a. Elimination of materialized aggregates

b. higher data compression rates.

c. Elimination of parallel execution

d. Elimination of additional Indexes

ANS: a,b,d

7. Your customer runs SAP business WareHouse(SAP BW) 7.4 on SAP HANA and would like to build a BEX Query on top of an existing native SAP HANA calculation view. The query should make use of master data hierarchy that is already available in SAP BW. What is the recommended approach in the scenario?

a. Create SAP BusinessObjects BI universe and apply the hierarchy for SAP BW in the field of the SAP HANA calculation view.

b. Create Virtual Provider and associate all fields of the SAP HANA view with the SAP BW infoObject.

c. Create a Composite provider in Eclipse and associate the relevant fields of the SAP HANA Calculation views with the corresponding SAP BW infoObject.

d. Create a TransientProvider and associate only relevant fields of the SAP HANA calculation views with the corresponding SAP BW infoObject.

ANS: c

8. A person wants to restrict a query date to be displayed by Key Figueres on Price greater than 80,000 and Revenue less than 80,000 at the Same time. What is the best approach to restrict the query?

a. Create a Filter on Price greater than 80,000 and Revenue less than 80000

b. Create a Calculated Key figure with Price greater than 80,000 and Revenue less than 80000

c. Create a Restricted Key Figure with Price greater than 80000 and Revenue less than 80,000

d. Create a condition with Price greater than 80,000 and Revenue less than 80,000

e. Create a formula locally with Price greater than 80,000 and Revenue less than 80,000.

ANS: d

9.While preparing a solution design for model which objects can you use to go from a persistent to a logical data warehouse based on new layered scalable architecture LSA++ for SAP Business Warehouse 7.4?

a. Virtual Provider

b. New Eclipse-based Composite provider

c. Virtual Key figure

d. Open ODS view

ANS: b,d

10.What is the sequence order to release the objects from one BW system to the other BW system while creating composite provider on BW objects?

a) Info Area-> Info Object Catalog for Characteristics and Key Figures

b) Application Component -> Data Source -> Info Package

c) ADSO for Cube and ADSO for STD DSO

d) Transformation and Data Transfer Process

e) Composite Providers

opt1: a->b->c->d->e

opt2: a->c->b->d->e

opt3: a->c->e->b->d

opt4: e->a->b->c->d

ANS: opt1,opt2

—---

1. Client wanted to load transactional data for revenue and while creating data source under fields tab what are the properties which can be set?

a. Lowercase

b. Uppercase

c. Key Fields

d. Conversion routines

e. Input format

f. Filters

Ans: A,C,D,E

2. While creating open DSO view on cost transactional data source and if the data has to persisted in SAP BW on HANA, which option to be used of persisting data?

a. Composite provider

b. Multiprovider

c. Infoset

d. Generate Data Flow

E. DSO   or   **E.ADSO** (Both are right)

f. Info Object

Ans : E

3. A customer wants to create a key performance indicator in a report to display revenue in a separate column for a product = P00004 with fiscal year = 2002 variable. His key inputs to the variable on product is (P00001 to P00005) and fiscal year (2001 to 2003). Which approach is the best suitable?

a**. Create a filter on Product = P00004 and fiscal year = 2002 in filter tab to display.**

 b. Create a calculated key figure with Product = P00004 and fiscal year =2002 for to

display

c. Create a restricted key figure on revenue with restriction on Product = P00004 and year =2002 to display revenue in a column for report

d. **Create a restricted key figure on Revenue with restriction on Product variable and year variable to display revenue in a column for report**

e. Create a calculated key figure with product variable = P00004 and fiscal year variable = 2002 for Revenue to display
f. option 1 and 4

4. A customer wants to consume BW data in HANA, which are the providers that can be imported to HANA studio for consumption in HANA?

a. Characteristics infoObject

b. DSO

c. InfoCube

d. Multiprovider

e. Advance DSO

f. Infoset

5. Customer need to load huge volume of data into a provider and through open hub. he needs to send the data to another system without reporting on it. Which template and provider is the best suitable for this scenario?

a. Standard DSO

b. Write Optimised DSO

c. Direct Update data store

d. InfoCube

e. Data warehouse layer- data marts

6. Based on BW 7.5, Which of the following should be considered when modelling master data and transactional data?

a. **IF master data does not need to be replicated, an Open ODS view for text and attributes could be used.**

b. **IF transaction data should be stored, an advance dso should be used.**

c. To load transaction data efficiently. an open ODS View of type fact should be used

d. **Without .additional data load, combine data from existing providers using composite provider**

e. IF master data is to be persisted, then characteristic should be used.

f. Option 4 and 5.

7. Which of the following are best practice options for storing data in a BW system running on SAP HANA?

a. **Store the bulk of the data on the disk for retrieval when required**

b. Store the most relevant data in a compressed column store.

c. Split the most relevant data by date and store between an uncompressed column and tables stored on disk

d. store all data in compressed column store to maximize performance.

e. Move less important data into an external storage system

f. Option 1 and 3.

Ans: a,b,e

8. A customer is trying to load transactional data for revenue into PSA table of data source, what are the key fields in the PSA table by default?

a. Product

b. **Customer**

c. Price

d. Revenue

e. PartNo

Ans: b

9. A customer want to set an automatic alert messages for the process chains which he is creating. Which are the options available for him to select Recipient types while setting the alerts?

a. System ID

b. FAX Number

c. Business Partner

d. External Address

e. Shared Distribution List

f. Client Number

Ans: b,c,d,e

10. In which order should the following steps of developing an SAP BW data model be performed?

1.Developing logical data model

2.defing key figure matrix

3. Requirement analysis

4.Deleloping a physical data model

ANS: 3>2>1>4

—---

1. A developer is trying to build a query with structure in the query, which of the following statements regarding key figure structures are correct?

a. To create a key figure structure, Right click on the key figure to open the context menu and choose create structure.

b. Formula can only be defined with in the key figure structure

c. You can only use one key figure structure in a query

d. Each component of a key figure structure must contain a characteristic object.

Ans: CD (For single option-select Option C)

2. A person wants to create a query with filters. Which of the following statements regarding filters are true for him to consider while designing a query?

a. Filter values in the filter - Fixed values section affects the whole query and can be overwritten via navigation in the executed report.

b. A reusable filter can contain fixed values and default values.

c. Filter values in the filter - default values section affects the whole query and can be overwritten via navigation in the executed report.

d. Filter values in the filter - fixed values sections affects the whole query and can be narrowed via navigation in the executed report.

Ans: b,c,d

3. A person wants to use calculated key figure for a query, which of the following statements regarding info provider level calculated key figures are correct?

a. You can include formula variables.

b. You can include basic key figures, RKF, CKF that have been defined at the query level.

c. You must drag the ckf to the section where it should be used in your query

d. You can include basic key figures, rkf, ckf that have been defined at the infoprovider level

e. When you make changes to an infoprovider level ckf, it affects all the queries in which it is reused.

Ans: a,b,c,d,e

4. A person is applying formula in query. Which one of these values does a Boolean deliver in a BW query formula when it is true?

a. 0

b. 1

c. True

d. False

5. A customer wants to create a value variable for report for the characteristic 0CALQUARTER that shows the current quarter and would like to display the same quarter of the previous year in the report. Which is the offset value he should select to fulfil this requirement?

a. -12

b. +12

c. -4

d. +4

e. -1

6. A designer would like to know how BW on HANA differs from SAP BW running on the other DATA Bases in which of the following ways?

a. Query performance is increased

b. Load performance decreases

c. Number of data persistency layer increases

d. Flexible combination of BW data models with SAP HANA native datamodel

 e. Activation time for DSO data decreases

7. Customer would like to know how the text variable can be processed while creating a query . Select the correct options which can be used

a. Manual entry

b. replacement path

c. Authorization

d. Customer exit   **(If option like **SAP EXit** select that also)**

8. A person wants to make display attribute available as a navigational attribute in the query. What are the steps he needs to perform?

a. Activate the nav attributes in the characteristics properties in the BW query designer.

b. Drag and drop the display attribute to the free section in the query designer c.

Activate the nav attribute in the SAP BW data flow transformation

d. Change the attribute type from display to navigation in the infoObject maintenance

e. Activate the nav attribute in the respective infoProvider

ANS: d,e

9. While creating a query in query designer which one of the following are percentage functions that are available as a operator in BW Query Designer?

a. Percentage share of result

b. Percentage share of overall result

c. Percentage share of the report result

d.Percentage share of infoProvider result

ANS:a,b,c

10. You use the Key figure Revenue amount in the columns section of the BW query and restrict it to the months of January, February, and March 2003. How many columns will be displayed in the report?

a. One column with Revenue amount for January, February and March 2003

b. Two column one for revenue and one for calendar month January, February, and March 2003

c. Three columns, one for Revenue Amount- January 2003, one for Revenue Amount - February-2003 and one for Revenue amount - March-2003

ANS: a

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Recent ASA:

1.InfoPackage based PSA load is materialized using which of the following in SAP BW/4HANA?

A.infopackage based PSA load only

b.DTP from ODQ into field based ADSO

C.using ODATA Query

d.New object type advanced

e.DTP fromODQ into a infoObject based ADSO

ANS: A

b. Operatio

2) What are the supported Scenarios for Composite providers. Select the correct statements?

1) Left outer joins cannot be created between inner plans . They can only be created at the end of assignment

2) A union can only be created at the first of an assignment chain

3) Supported assignments - technical characteristics 1ROWCOUNT is displayed - one of the participating providers, it is added automatically as a characteristics

4) Non- cumulative key figures and other key figure with special semantics elimination of internal business volume must have a1.1 assignment in the composite provider

01. Which types of objects can you view using the SAP HANA Live Browser? Note: There are 3 correct answers to this question

a) Open ODS views

b) Query views

c) Calculation views

d) Core Data Services views

e) Private views

Answer: b, c, e

02. What happens when the "Trigger Delta Merge" process variant is executed for a given data target in a process chain?

a) The delta between the new data and the already loaded data is calculated in the data target.

b) Data is transferred from the delta store to the main store of the data target.

c) The before and after images of the delta queue are merged and sent to the data target.

d) Only data from the delta queue is extracted and merged into the data target.

Answer: b

03. You generate a DataStore object (advanced) out of an Open ODS view based on an SAP HANA table with the Generate DataFlow function. Which data load technique is used?

a) InfoPackage without a persistent staging area (PSA)

b) InfoPackage with a persistent staging area (PSA)

c) Data transfer process (DTP) with Real Time Data Acquisition (RDA)

d) Data transfer process (DTP) with direct access

Answer: d

04. Which objects are recommended to go from a persistent data warehouse to a logical data warehouse based on the new layered scalable architecture (LSA++) for SAP Business Warehouse 7.5? Note: There are 2 correct answers to this question

a) BW InfoSet

b) Open ODS view

c) MultiProvider

d) CompositeProvider

Answer: b, d

05. What should you do after an InfoCube is converted to be SAP HANA optimized?

a) Reactivate all Transformations that include the InfoCube.

b) Delete all aggregates that belong to this InfoCube.

c) Reload data into the InfoCube.

d) Review customer-specific programs that access the InfoCube tables.

Answer: d

06. Your customer runs SAP Business Warehouse (SAP BW) 7.5 on SAP HANA and would like to build an SAP BW Query on top of an existing native SAP HANA calculation view. The query should make use of a master data hierarchy that is already available in SAP BW. What is the recommended approach for this scenario?

a) Create a CompositeProvider and associate the relevant field of the SAP HANA calculation view with the corresponding SAP BW InfoObject.

b) Create an Analytical Index and associate only the relevant field of the SAP HANA calculation view with the corresponding SAP BW InfoObject

c) Create an external SAP HANA view for the InfoObject and combine this with the existing SAP HANA calculation view.

d) Create a VirtualProvider and associate all fields of the SAP HANA view with SAP BW InfoObjects.

Answer: a

07. Where are Extended Tables stored?

a) They are temporarily located in the cache in the SAP HANA inmemory RAM.

b) They are physically located in a special SAP HANA schema in a memory data columnar storage.

c) They are temporarily located in a compressed disk-based data columnar storage.

d) They are physically located in a compressed disk-based data columnar storage.

Answer: d

08. Why does SAP recommend using SAP Landscape Transformation (SLT) real-time replication to SAP Business Warehouse powered by SAP HANA?

Note: There are 2 correct answers to this question.

a) To replicate SAP data from an SAP Business Suite system instead of using complex extractors

b) To replicate SAP Event Stream Processor data

c) To replicate data from SAP S/4HANA by using CDS views

d) To add delta capabilities where no standard extractor is available

Answer: c, d

09. What is the function of an SAP HANA Live private view?

a) To encapsulate SQL transformations on one or several database tables.

b) To expose the business data in SAP Business Suite systems.

c) To provide the value list for a specific business entity.

d) To provide a direct interface to an analytical application.

Answer: a

10. Which objects can you use as a direct Data Source within an SAP HANA analysis process (HAP)? Note: There are 2 correct answers to this question.

a) SAP BW InfoSource

b) SAP HANA Table

c) SAP HANA Calculation View

d) SAP BW CompositeProvider

Answer: b, d

1. Which type of objects can you view using the SAP HANA Live Browser?

Note: There are 3 correct answers to this question.

a) Calculation views

b) Query views

c) SAP HANA analytic privileges

d) Extended views

e) Private views

Answer: a, b, e

2. What is the result when the Trigger Delta Merge process chain step is executed for a given data target? Please choose the correct answer.

a) The delta between the new data and the already loaded data is calculated in the data target.

b) Data is transferred from the delta store to the main store of the data target.

c) The before and after images of the delta queue are merged and sent to the data target.

d) Only data from the delta queue is extracted and merged into the data target.

Answer: b

3. You generate an advanced DataStore object out of an Open ODS view based on an SAP HANA table with the Generate DataFlow function. Which data load technique is used? Please choose the correct answer.

a) InfoPackage without a persistent staging area (PSA)

b) InfoPackage with a persistent staging area (PSA)

c) SAP Landscape Transformation (SLT)

d) Data transfer process (DTP) with direct access

Answer: d

4. Which objects can you use to go from a persistent to a logical data warehouse based on new layered scalable architecture (LSA++) for SAP Business Warehouse 7.4?

Note: There are 2 correct answers to this question.

a) Open ODS view

b) Virtual key figures

c) New Eclipse-based CompositeProvider

d) VirtualProvider

Answer: a, c

5. What should you do after an InfoCube is converted to be in-memory optimized?

Please choose the correct answer.

a) Review customer-specific programs that access tables belonging to the InfoCube.

b) Delete obsolete process types from process chains containing the InfoCube.

c) Activate all MultiProviders that include the InfoCube.

d) Reload data into the InfoCube.b)

<mark>Answer: a</mark>

6. Your customer runs SAP Business Warehouse (SAP BW) 7.4 on SAP HANA and would like to build a BEx Query on top of an existing native SAP HANA calculation view. The query should make use of a master data hierarchy that is already available in SAP BW. What is the recommended approach for this scenario? Please choose the correct answer.

a) Create a SAP BusinessObjects BI Universe and copy the hierarchy from SAP BW to the field of the SAP HANA calculation view.

b) Create a VirtualProvider and associate all fields of the SAP HANA view with SAP BW InfoObjects.

c) Create a CompositeProvider in Eclipse and associate the relevant field of the SAP HANA calculation view with the corresponding SAP BW InfoObject.

d) Create a TransientProvider and associate only the relevant field of the SAP HANA calculation view with the corresponding SAP BW InfoObject.

<mark>Answer: c</mark>

7. Where are Extended Tables stored? Please choose the correct answer.

a) They are cached in the SAP HANA in-memory RAM.

b) They are physically located in a special SAP HANA schema in a memory data columnar storage.

c) They are temporarily located in a compressed disk-based data columnar storage.

d) They are physically located in a compressed disk-based data columnar storage.

<mark>Answer: d</mark>

1.**Which of the following objects can you create when you use the SAP Business Warehouse modeling**

tools in the SAP HANA studio? Note: There are 3 correct answers to this question.

A. Key figures

B. Process chains

C. Global filters

D. Restricted key figures

E. Local CompositeProviders

Answer: A, C, D

2.**You need to delete data for a company code from an advanced DataStore object. Where do you do this?**

A. Environment menu ? Selective Deletion

B. Environment menu ? Remove Inbound Table

C. Select the request ? Delete

D. Environment menu ? Delete Content

Answer: A

3.**In an SAP Business Warehouse query, you have two structures with intersecting formulas. What is**

the default behavior when you run the query?

A. Both formulas are ignored and the cell shows an error.

B. The formula contained in the structure that was saved first is used.

C. The formula contained in the structure that was saved last is used.

D. The formula contained in the structure in the rows is used.

Answer: C

4.The result of a calculation in SAP Business Warehouse is incorrect, but the formula is correct.

What

options do you have to correct the calculation? Note: There are 3 correct answers to this question.

A. Change the formula collision property to Use Result of Concurrent Formula.

B. Create a new structure to receive a new time stamp.

C. Create the formula again to receive a new time stamp.

D. Change the formula collision property to Use Result of This Formula.

E. Set an exception aggregation to change the calculation behavior.

<mark>Answer: A, D, E</mark>

5.**You need to create an SAP Business Warehouse data flow that combines data from two sources in an advanced DataStore object (DSO). There are different formats and values for the same entity in the**

respective sources. Which approach does SAP recommend?

A. Create an Open ODS as a non-persistent intermediate layer to perform a join from the sources.

The source-dependent parts need to be implemented in the same transformation.

B. Create a CompositeProvider as a non-persistent intermediate layer to perform a join from the

sources. The source-dependent parts need to be implemented in the same transformation.

C. Create an InfoSet as a non-persistent intermediate layer. The source-dependent parts of the

transformation need to be implemented before the InfoSet.

D. Create an InfoSource as a non-persistent intermediate layer. The source-dependent parts of the

transformation need to be implemented before the InfoSource.

<mark>Answer: C</mark>

6.**What can you define in the BEx Query Designer cell editor? Note: There are 2 correct answers to this question**.

A. Help cells that serve as containers for help selections or help formulas.

B. Formulas and selection conditions for cells to solve formula collision.

C. Additional filter restrictions that apply to a complete column or row of the result set.

D. Variables with the replacement path option to pass values to reference cells.

Answer: B, C

7.**You need to generate SAP HANA views based on SAP Business Warehouse (SAP BW) InfoProviders.**

Which activities do you perform to consume the data? Note: There are 2 correct answers to this question.

A. Create an SAP HANA user with the identical name as the SAP BW user.

B. Create an SAP HANA role based on the SAP BW role.

C. Migrate the SAP BW user roles in the SAP HANA user.

D. Assign the SAP HANA user in the SAP BW user administration.

Answer: B, D

8.**The source of a transformation contains three date characteristics: Order date. Delivery date. Invoice date. The target of the transformation contains only one general date characteristic. This target characteristic must be populated from the different date characteristics in the source. How do you achieve this?**

A. Use the rule type time conversion.

B. Implement three rule groups in the transformation.

C. Create two additional transformations.

D. Use the rule type time distribution.

9.**Which of the following objects can you associate when you create an Open ODS view?**

A. InfoObject

B. CompositeProvider

C. SAP HANA calculation view

D. Advanced DataStore object

10.**Which advanced DataStore object modeling templates are available in SAP Business Warehouse?**

Note: There are 2 correct answers to this question.

A. CompositeProvider

B. Open ODS view

C. Data acquisition layer

D. Corporate memory with compression

1.Which of the two elements are not a model within the calculation view? There are 2 correct answers to this question. Response:

A. Private attributes

B. Simple measures

C. Data to Code

D. Time Object

2.Which objects can you use as a source within an SAP HANA Analysis Process (HAP)? (Choose Two)
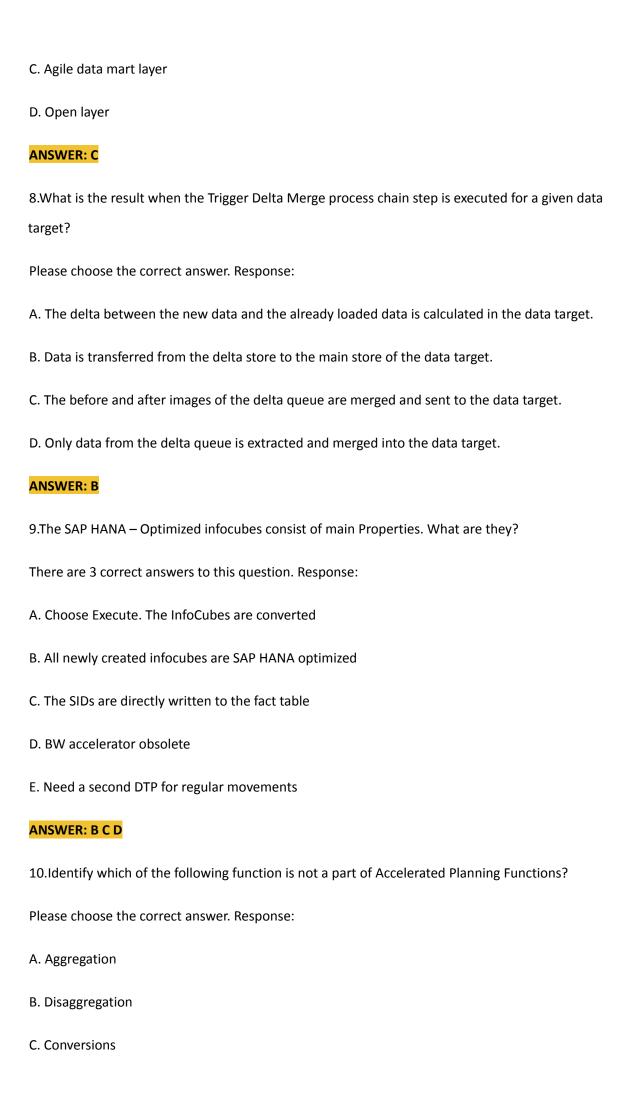
A. SAP BW/4HANA InfoSource

B. SAP HANA Table

C. SAP BW/4HANA CompositeProvider

D. SAP HANA Calculation View

ANSWER: B C

3.What are the main forms of data use in Operational Reporting within Classic Data Warehousing?

There are 2 correct answers to this question. Response:

A. Strategic for aggregated data

B. Operational for granular data

C. Systematic data

D. Upload data for customers

ANSWER: A B

4.Your customer runs SAP Business Warehouse (SAP BW) 7.4 on SAP HANA and would like to build a BEx Query on top of

an existing native SAP HANA calculation view.

The query should make use of a master data hierarchy that is already available in SAP BW/4HANA.

What is the recommended approach for this scenario? Please choose the correct answer. Response:

A. Create a SAP BusinessObjects BI Universe and copy the hierarchy from SAP BW to the field of the SAP HANA

calculation view.

B. Create a VirtualProvider and associate all fields of the SAP HANA view with BW/4HANA InfoObjects.

C. Create a CompositeProvider in Eclipse and associate the relevant field of the SAP HANA calculation

view with the corresponding SAP BW/4HANA InfoObject.

D. Create a TransientProvider and associate only the relevant field of the SAP HANA calculation view

with the corresponding

BW/4HANA InfoObject.

5.Which of the following is not a function of Delta Merge Operation?

Please choose the correct answer. Response:

A. The delta merge operation is executed on table level.

B. Itspurposeistomovechangescollectedinwriteoptimizeddeltastorageinto the compressed and read optimized main storage

C. The delta merge operation is decoupled from the execution of the transaction that performs the changes

D. Memory consumption of delta storage exceeds specified limit

6.What all are the elements of LSA?

There are 3 correct answers to this question. Response:

A. Reading from a DSO is faster

B. No reporting on Propagator

C. Result of transformations stored in additional persistent Layer, i.e. Architected Data Mart

D. Virtualization Layer only on top of Architected Data Mart and only UNION (MultiProvider)

E. Calculations and aggregations are faster

7.Who owns the data from regional system?

Please choose the correct answer. Response:

A. BW workspace layer

B. BDS layer

C. Agile data mart layer

D. Open layer

8.What is the result when the Trigger Delta Merge process chain step is executed for a given data target?

Please choose the correct answer. Response:

A. The delta between the new data and the already loaded data is calculated in the data target.

B. Data is transferred from the delta store to the main store of the data target.

C. The before and after images of the delta queue are merged and sent to the data target.

D. Only data from the delta queue is extracted and merged into the data target.

9.The SAP HANA – Optimized infocubes consist of main Properties. What are they?

There are 3 correct answers to this question. Response:

A. Choose Execute. The InfoCubes are converted

B. All newly created infocubes are SAP HANA optimized

C. The SIDs are directly written to the fact table

D. BW accelerator obsolete

E. Need a second DTP for regular movements

10.Identify which of the following function is not a part of Accelerated Planning Functions?

Please choose the correct answer. Response:

A. Aggregation

B. Disaggregation

C. Conversions

D. Faster modelling

—---

1. Which of the following key figure data type has unit attached to it? [Choose 2 correct options]

  A. Date
  B. Number
  C. Quantity
  D. Time
  E. Amount

2. Can we design screens by giving

  Option 1: Data Dictionary reference
  Option 2: Work Area reference in program
  Both Option 1 and Option 2 (I AM NOT SURE FOR THIS ANSWER)

3. When creating a transparent table in the ABAP dictionary, which step automatically creates the table in the underlying database?

  A. Checking the table syntax
  B. Saving the table
  C. Activating the table
  D. Adding technical settings to the table

4. Maximum number of key fields possible in a DSO are

  20 16 13 32 50

  5. Which of the following options will give relationship between SAP transactions and database transactions?

  A. Each SAP corresponds to one database
  B. Update requests of one SAP transaction are distributed amongst several database transactions
  C. Database transaction is an internal system representation of database transaction D. One database group change request of several SAP

6. Data type INT8 is a valid data type. T/F - False

7. What is the TCode for creation of screens in dialog programs? SE53 SE41 SE51 SE52

8. Which one is true regarding an instance method and static method?

  A. Instance method can be called using an instance & static method can be called using a class B. Static method can be called using an instance method & static method can be called using a class C. Instance method is nothing but a class method & static method is a constructor
  D. None of the above

9. Error handling has which of the following options?

  A. Deactivated
  B. No update, no reporting
  C. Valid records update, no reporting (request red)

   E. All of the above

10. When Business Warehouse Accelerator (BWA) is used, queries fetch data from

   A. BW
   B. BWA
   C. Cache
   D. None of the above
   —--------------

   (ss)

11. The complete technical definition of a table field is determined by the field's _____

   A. Domain
   B. Field name
   C. Data element
   D. Data type

12. How many types of constructors are there? 4 5 2 3

13. After employing a DTP for loading an object, changes to the DTP settings are allowed only if the previous load is a _____

   A. Recovery load
   B. Delta load
   C. Init load
   D. Full repair
   E. Full load

14. In the scenario of data flow consisting of data loaded from a DSO into an infocube, Delta records loaded to the infocube are from the following DSP table

   A. HHSSMM
   B. MMHHSS
   C. HHMMSS
   D. SSMMHH

15. Is it possible to have multiple application servers in an R/3 system? yes

16. What is not an exception aggregate type in a key figure definition?

   A. Summation
   B. Maximum
   C. Minimum
   D. Variance
   E. Median

17. Usage of key figure values without the unit of measure in calculated key figure is possible with the following function

   A. NOUNIT
   B. UNITLESS
   C. NODIM
   D. None of the above

18. Business Warehouse Accelerator creates indexes on the following objects

   A. Cubes
   B. DSO

C. Master Data

D. None

19. What combination is true about both public and private attributes?

    1. Public attributes will have direct access outside the class
    2. Private attributes have no direct access outside the class
    3. Public attributes have no direct access outside the class
    4. Private attributes will have direct access outside the class

    A. 1, 3
    B. 1, 2
    C. 1, 4
    D. 3, 4

20. For any characteristic in Query Designer 'Characteristic Value' folder contains

    A. Most current data
    B. Any data
    C. Old data
    D. None

21. Which dictionary structure contains system fields?

    A. SY
    B. System will automatically check
    C. SYSTEM
    D. SYTAB
    E. SYST

22. MultiProviders navigational attributes are not defined automatically based on available data target navigational attributes? T/F

23. Select the correct lock mode – The locked data can be read or processed by one user only.

    A. Exclusive but not cumulative lock
    B. Shared lock
    C. Exclusive lock
    D. Single lock
    E. None

24. Queries cannot be deleted from the system permanently. T/F - False

25. BW Statistics reports are used for

    A. Reporting system information (to my knowledge i think A is correct)
    B. Reporting HR information
    C. Reporting finance information
    D. All

26. Which system field contains the contents of a selected line?

    A. SY-CUCOL
    B. SY-LILLI
    C. SY-LISEL
    D. SY-CUROW

27. Web application designer is hosted on

    A. Query engine
    B. J2EE engine
    C. ABAP Engine
    D. None

28. What are the main functions of a data dictionary

29. OLAPcache is ued for executing query. T/F - False

30. What are the kinds of input checks on screen?

A. Option 1: Automatioc input checks
B. Option 2: Input checks in flow logic
C. Option 3: Input checks in dialog modules
D. Option 1 and 2
E. Option 1, 2, 3

31. Filters on display attributes is not possible. T/F – True

—---

1) SAP HANA optimized infocubes is flat structures with no E tables
ans) true

2) while using LSA++ archutecture, the infocubes can be removed, allowing quries to the built directly on the dso this is recomdneded in which of the followin scenariors?
ans) A) 1:1 mapping were present between the cube and standard DSO
B) complex mappings were present between the cube and stardard DSO
C) the cubbe is fed data from multiple sources apart from the DSO

3) in HANA column store is enhanced for the performance of _____ operations ans)
read

4)HANA DB offers a reduction of _____ layers of the LSA architecture
ans) physical layer

5)what is the translating concept for ABAP code in HANA concept
ans) SQL script

6) from which version of SAP BI onwards supports for HANA DB
ans) SAP BI 7.3 SP5

7)in HANA log and data files are written to _____ disks to ensure good save point performance ans)
SSD

8) in HANA massively level processing excution of blades share nothing curching large data sets ans)
false

9) what is the translating concept of multi-provider in HANA concept
ans) calculation view

10)in HANA SAP_____ agent for central monitoring and_____ for deploying SPS and patches arev used ans)

11) the operation is not available during CKF creation
ans) conditional operation

12) how infocubes are used in BI
ans) attribures,texts,hierarchies,PSA tables

13)which of the following is true regarding Data store objects
ans) A)key figures cannot be inculded in the keyfields,only characterstics can be included

B)characterstics cannot be inculded in the datafields,only keyfigures can be included C)DSo stores data on the document level

14) Bussiness want to change the F1 help for the field for all reports at what level you will change so that it reflect for all place
ans) data element

15) a database table without MANDT field is called?
ans) client independent

16) in open hub destination how may files generated?
ans) 2

17) which statement can be used to read a single record from the internal table
ans) read table it-tab into wa-tab index <i>

18) which is not valid source system in SAP BW?
ans) XHTML

19) which of the following is not a characteristic of OLAP system
ans) they are simple to use

20) what is translating concept for ABAP code in HANA concept
ans) SQL script

21) what of the following conditions must be fullfilled when using a GROUPBY clause in a select statement?
ans) A)all fields in the select clause that are not part of an aggregate function mustbe B)the table in the form clause must be a transprent table

22) identify the processing type not possible for different type of BEX variables
ans)processing type BADI

23) _____ is a corparte framework to manage the entire data and metadata life cycle,including : exctraction, mode
ling,staging,authorizations and transports
ans)layered scalable architecture

24)selection screen is the screen where are specifies the input values for which the program should run. the selection screen is normally generated from the below options(choose two)

ans) parameters,types,data,select-options,constants

25) which statement is true about BI accelarator
ans)maximum rollup

—---

26) the following tab is not available in data warehousing workbench
ans) data archiving

27) which data staging technique is not supprted in SAP BW
ans)DXC

28) Jenny is a SAP BI constructed she wants to normalize large dimensions tables when data modeling. which of the following data warehousing schema should be used by Jenny?
ans)snowflake schema

29) which of the following statements are true about OLAP systems.
ans) a) view of data in olap system is detailed and aggregated
b)read database operations are possible on olap system
c)data structures used in olap systems are multidimensional structers
d)archiving of data from oltp system is possible

30) which of the following layer will not store data persistently in SAP BW?
ans)infopackage layer

31)select the correct order of steps to be performed to open an existing qurey using the qurey designer search function
A)ensure that search in description is selected
B)upon opening the qurey selected qurey screen either the description in the empty field
c)choose find
D)in the qurey desginer toolbar, choose qurey open
ans) d-b-a-c

32) this not a valid set of application process in BW process chains
ans) data service administrator

33) match the following options given under GROUP-A with oppropriate options given under GROUP-B GROUP-A
a)characterstic infoobject
b)DSo
c)infocube
d)multiprovider

\GROUP-B

1)sales amounts in germany and the USA
2)sales amounts and quantities per month
3)customer,material
4)sales order on item level
ans) a-3,b-2,c-1,d-4

34) to which ABAP dictionary definition can you attach a search helps
ans) database view, data element, domain

35) in LSA++ advantages quaries built directly on DSOs(SID enabled) perform similar to built on infocubes ans) true

36) which of the following rule types are possible in the BW transformations
ans) A)direct assignment,constant,formula,intial and routine
B)direct assignment,constant,formula,intial and time conversion

37) identify the functions of transformations
ans) A)transformation funmctions allows you to consolidate,cleanse and integrate data B)a transformation coverts fields of source into the format of the target
    C)semantic synchronisation of data is possible from heterogenous source is possible through transformations

38) which of the following statements is false about data warehousing workbench? ans) RSA1 is the traction code to access data warehousing workbench scheduling and monitoring of data and process can be done

39) in HANA architecture component index server recives and accepts_____ commands
ans)HTML and SQL script

40) match the following options under GROUP-A with these under GROUP-B
GROUP-A
a)condition
b)exception
c)tasks
d)messages
GROUP-B
1)displaying the actions that are valid for the qurey object
2)information related to qurey states
3)sales revenues above or below a specifies thershold value
4)aredeviation from normal key figure values
ans) a-3,b-4,c-1,d-2
41)in HANA row store is enhanced for the performance of_____ operations
    1. ans) read and write

1)client wanted to load transactional data for revenue and while creating data source under fields tab what are the properties which can be set ?

- Lowercase , key fields , conversion routines , input format

2) A customer want to set an automatic alert message for the process chains which he is creating . which are the options available for him to select Recipient types while setting the alerts?

- System ID ,FAX number, Business Partner , external address , shared distribution list

3) A customer is trying to load transactional data for revenue in PSA table of data source, what are the key fields in the PSA table by default ?

- CUSTOMER

4) which of the following are best practice options for storing data in bw system running on sap hana ?

-store bulk of the data on the disk for retrieval when required

- store all data in compressed column store to maximize performance

5) Based on BW 7.5 which of the following should be considered when modelling master data and transactional data?

- if master data does not need to be replicated, an open ODS view for text and attribute.

-If transaction data should be stored, an advance dso should be used .

 -Without additional data load combine data from existing providers using composite provider

6) customer need to load huge volume of data into provider and through openhub he need to send the data to another system with out reporting on it . which templet and provider is best suitable for this scenario ?

-Write optimized data store object

7) A customer wants to consume BW data in HANA , which are the provider can be imported to HANA studio for consumption in HANA ?

-Characteristics info objects, DSO, info cube

8) A customer wants to create a key performance indicator in a report to display revenue in a separate column for a product = P00004 with fiscal year =2002 variable . His key input to the variable on product is (P00001 TO P00005) and fiscal year (2001 TO 2003)Which approach is best suitable for this ?

-Create a filter on Product = P00004 and fiscal year = 2002 in filter tab to display revenue.

-Create a restricted key figure on revenue with revenue with restriction on product variable and year variable to display revenue in colume for report

9) while creating open dso view on cost transactional data source and if the data has to persisted in SAP bW on HANA . which option to be used of persisting data ?

-DSO

1) which of the following is a valid combination of objects to contain inside a multiprovider -
   Data store, infocube ,SPO

2) your customer wants to generate on advanced datastore object out of an open ODS view based on an SAP HANA table with the generate dataflow function which data load technique is used

   - Data transfer process (DTP) with direct access

3) A person wants to restrict a query data to be displayed by key figure on price greater than 80,000$ revenue less than 80,000at the same time what is the best approach to restrict the query

   - Create a condition with price greater than 80,000$ revenue less than 80,000.

4) Your customer runs SAP business warehouse (SAP BW) 7.4 on SAP HANA and would like to build a Bex query on top of an existing native SAP HANA calculation view. The query should make use of master data hierarchy that is already available in SAP BW. What is the recommended approach for this scenario?

   - Create a composite provider in eclipse and associate the relevant field of the SAP HANA calculation view the corresponding SAP BW info object.

5) When a person needs to combine data from BW provider for cost transaction data and for SAP HANA view for revenue transactional data to create a report. Which is the approach you recommend ?

   - Attach the SAP HANA system to the BW project and creat a composite provider for both.

6) A person wants to see where the first data row begins and how many header there are ? select the best option to see the data

   - Display data

7) What is the sequence order to release the objects from one BW system to the other BW system while

creating composite provider on BW objects?

- a-> b->c->d->e

- a-> c-> b-> d->e

- a)infoarea -> info object catalog for characteristics and keyfigure

- b)application component -> data source -> infopackage

- c) ADSO for cube and ADSO for STD DSO

- d) transformation and DTP

- c) composite providers

8) What are the main forms of data use in operational reporting within classic data warehouseing? -

   b) operational for granular data

   - d) systematic data

9) A person want to create a HANA data table to store product attribute data, what is the advantage of column
   table

   - elimination of meterialized aggregates

   - higher data compression rates

   - elimination od additional indexes

10) While preparing a solution design for model what objects can you use to go from a persistent to a logical
    data warehouse based on new layered scalable architecture LSAH for SAP business warehouse 7.4? - b)
    new eclipse-based composite provider

    - d) open ODS view
    11) While creating a query designer which one of the following are percentage functions that are available as
    an operator in BW query designer?

    - Percentage share of result

    - Percentage share of overall result

    - Percentage share of report result

12) A person wants to make display attribute available as a navigational attribute in the query what are the
    steps he needs to perform?

    - Changes the attribute type from display to navigation in the info object maintenance -

    Activate the navigation attribute in the respective infoprovider

13) Customer would like to know the text variable can be processed while creating a query. Select the correct
    options which can be used.

    - Manual entry

    - Replacement path

    - Customer exit

14) A designer would like to know how BW on HANA differs from SAP BW running on other data bases in which
    of the following ways?

    - Query performance is increased

    - Flexible combination of bw data model with SAP HANA native data model

    - Activation time for data store objects data decreases

15) You use the key figure revenue amount in the column section of the BW query and restrict it to the months
    of January, February and march 2003. How many columns will be displayed on the report? - One amount
    with revenue amount for January, February and march 2003

16) A customer wants to creat a value variable for report for the characteristic 0CALQUARTER that shows the
    current quarter and would like to display the same quarter of the previous year in the report. Which is the
    offset value he should select to full fill this requirement.

    - -4

17) A person is applying formula in query, which one of these value dose a Boolean operator deliver in a BW

query formula when it is true?

- 1

18) A person wants to create use calculated key figure for query, which of the following statements regarding info provider level calculated key figures are correct?

-you can include formula variables

- you must drag the calculated key figure to section where it should be used in your query - you ca include basic key figure,restricted key figure, calculated key figure that have been defined at the infoprovider level

- when you make changes to an infoprovider level calculated key figure, it affects all the quries in which it is reused

19) A person wants to create a query with filters, which of the following statements regarding filters are true for him to consider while designing a query?

- a reusable filter can contain fixed values and default values

- filter values in the filter default values section affects the whole query and can be over written via navigation in the executed report

- filter value in the filter fixed values section affects the whole query and can be narrowed via navigation in the executed report

20) A developer is trying to build a query with structure in the query, which of the following statements regarding key figure structures are correct?

- You can only use one key figure structure in a query

1) Customer would like to filter how the _____can be processed while creating a qury. Select the correct option

2) A designer would like to _____ a query on BW on hand differs from SAP BW running on other data base in which of the following ways ?

SCENARIO :- SAILOR WEAR COMPANY

1) Your customer wants to generate an advanced data store object out of an opwn ODS view based on an SAP HANA table with the generate dataflow function. Which data load technique is used?

- Data transfer process(DTP) with direct access

2) A person wants to see where the first data row begins and how many headers there are ?
Select the best option to see the data.

- Display data

3) Which of the following is a valid combination of object to contain inside a multiprvider - dataSource, infoCube , SPO

4) what are the main forms of data use in Operational reporting within classic data warehousing? - Operational for granular data

- Systematic data

5) When a person need to combine date from BW provider for cost transactional data and for SAP HANA view for revenue transactional data to create a report. Which is the approach you recommend? - Attach the SAP HANA system to BW project and create a composite provider for both - Attach the SAP HANA system to BW project and create an open DSO view for both

6) A person wants to create a HANA data table to store product attribute data . what is the advantage of column tables?

- Elimination of materialized aggregates
- Higher data compression rates
- Elimination of additional indexes

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10) What is the sequence order to release the objects from one BW system to the other BW system while creating composite provider on BW objects?
   a) Info Area-> Info Object Catalog for Characteristics and Key Figures.
    b) Application Component Data Source -> Info Package
   c) ADSO for Cube and ADSO for STD DSO.composite provider
   d) Transformation and Data Transfer Process.
   e). Composite Providers

   - A-> b-> c->d->e
   - A->c ->b->d->e

1. Your customer runs sap business warehouse(sap bw)7.4 in sap hana &would like to build a bex query on top of an existing native -------------- what is the recommended approach for this scenario?
Ans. Create a composite provider in eclipse &associate the relevant field of the sap hana calculation view with the corresponding sap bw infoobject

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Ans. Operational for granular data , systematic data

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6. A custpmer wants to create a key performance indicator in a report to display revenue in a separate column for a product = P00004 -------------- and fiscal year(2001 to 2003) which approach is best suited for this?

Ans. Option 1 and 4 (create a filter on profduct -----) (create a restricted key figure on revenue with rest)

7. A customer wants to consumer bw data in hana which are the providers can be imported to hana studio for consumption in hana?

Ans. Characteristic infoobjects, dso,infocube

8. Customer need to load huge volume of data into a provider and through open hub he needs to send the data to another system with out reporting on it. Which template and provoder is best for this?

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• You must drag the calculated…

• You can include basic key figure, Restricted key figure , calculated…

• When you make charges to an info provider

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5. A customer wants to create a value variable for the characteristic **0CALQUATER**…… • -4

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• Percentage share of **overall result**
• Percentage share of **report result**

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• Manual entry
• Replacement path
• Customer exit
• Sap exit

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• Query performance is decrease
• Flexible coonection……..
• Activation time for………

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• Display data

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• Create a Composite provider………..

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• FAX Number
• Business Partner
• External Address
• Shared distribution list

22. A customer is trying to load transaction data for revenue into PSA table of data source, what are the key fields in the PSA table by default ?
• Customer