

## CS604 Quizzes MCQ's for Final Term Papers

### CS614 – Data Warehousing

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**Question No: 1 ( Marks: 1 ) - Please choose one**

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In \_\_\_\_\_ algorithm, at anytime, the subset of edges A forms a single tree.

Kruskal's

**Prim's**

Both

None

**Question No: 1 ( Marks: 1 ) - Please choose one**

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Which of the following is/are included in the list of Top-7 key steps for smooth DWH implementation?

Consider handing-off project management

Assign significant resources for ETL

Be a diplomat NOT a technologist

**All of the given options**

**Question No: 2 ( Marks: 1 ) - Please choose one**

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Which of the following is NOT one of the top-10 mistakes that should be avoided during DWH development?

Not interacting directly with end user

**Not being an accommodating person**

Isolating IT support people from business users

Training the users with dummy data and considering it success

**Question No: 3 ( Marks: 1 ) - Please choose one**

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A typical cycle of implementing the change in DWH comprises of the sequence:

Production -> QA -> Development

**Development-> QA -> Production**

Development -> Production -> QA

Production -> Development -> QA

**Question No: 4 ( Marks: 1 ) - Please choose one**

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Which of the following is NOT one of the activities of “Maintenance and Growth” phase in Kimball’s DWH development approach?

Education

Technical Education

Program Support

**Interface Deployment**

**Question No: 5 ( Marks: 1 ) - Please choose one**

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Implementation of a data warehouse requires \_\_\_\_\_ activities

Highly integrated

Loosely integrated

Tightly decoupled

**None of the given**

**Question No: 6 ( Marks: 1 ) - Please choose one**

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The phase-3 i.e. “Rollout and Maintenance” phase in “12-steps data warehouse implementation approach” of Shaku Atre comprises of \_\_\_\_\_ activity.

On Line Analytical Processing

Construct Metadata Repository

**Deployment & System Management**

None of the given options

Not interacting directly with end user

**Question No: 7 ( Marks: 1 ) - Please choose one**

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Which of the following is NOT one of the possible pitfalls in DWH Life Cycle & Development?

- Not having multiple servers
- Low priority for OLAP Cube Construction
- Improper documentation
- None of the given options**

**Question No: 8 ( Marks: 1 ) - Please choose one**

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In lifecycle data track, we begin with translating the requirements into dimensional model, which then transforms into \_\_\_\_\_

- Physical structure**
- Logical structure
- Conceptual structure
- System structure

**Question No: 9 ( Marks: 1 ) - Please choose one**

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Which of the following activity executes parallel with all other activities in Kimball's DWH development approach?

- Requirement elicitation
- Project Planning**
- Project management
- Deployment

**Question No: 10 ( Marks: 1 ) - Please choose one**

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Which of the following is NOT one of the examples of dynamic attributes?

Daily Sale

**Date of Birth**

Air pressure

None of the given options

**Question No: 11 ( Marks: 1 ) - Please choose one**

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In context of analytical applications track, the application development activity can begin after:

Database design is complete

A subset of historical data has been loaded

The data access tools and metadata are installed

**All of the given options**

**Question No: 12 ( Marks: 1 ) - Please choose one**

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The first step of the “12-steps data warehouse implementation approach” of Shaku Atre is:

**Finding user needs**

Planning system resources

Finding system scope

Data acquisition and cleansing

**Question No: 13 ( Marks: 1 ) - Please choose one**

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Vertically wide data means:

Dataset has large no. of attributes

**Dataset has large no. of records**

Dataset has attribute skews

Dataset has partitioning skews

**Question No: 13 ( Marks: 1 ) - Please choose one**

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In context of requirement definition phase in Kimball's DWH development approach, activities like debriefing, documentation, and prioritization are considered to be the part of:

- Requirement preplanning
- Business requirements collection
- Post collection**
- None of the given options

**Question No: 14 ( Marks: 1 ) - Please choose one**

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Horizontally wide data means:

- Dataset has large no. of attributes**
- Dataset has large no. of records
- Dataset has attribute skews
- Dataset has partitioning skews

**Question No: 15 ( Marks: 1 ) - Please choose one**

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Users do not care, how advance the front end of your DWH is, what they care is that:

- Tables should be properly denormalized
- Proper partitioning technique should be used
- At least star or snow flake schema should be implemented
- They should get information in timely manner and the way they want**

**Question No: 16 ( Marks: 1 ) - Please choose one**

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In analytical application development phase, we follow standards for:

- Naming conventions
- Standard for calculations
- Standards for libraries
- All of the given options**

**Question No: 16 ( Marks: 1 ) - Please choose one**

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Which of the following is NOT one of the possible pitfalls in DWH Life Cycle & Development?

- Not having multiple servers
- Low priority for OLAP Cube Construction
- Improper documentation

**None of the given options**

**Question No: 17 ( Marks: 1 ) - Please choose one**

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A typical cycle of implementing the change in DWH comprises of the sequence:

- Production -> QA -> Development
- Development-> QA -> Production**
- Development -> Production -> QA
- Production -> Development -> QA

**Question No: 18 ( Marks: 1 ) - Please choose one**

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Goal driven approach of data warehouse development was result of \_\_\_\_\_ work

- Bill Inmon
- Ralph Kimball
- Böhnlein and Ulbrich-vom**
- Westerman

**Question No: 19 ( Marks: 1 ) - Please choose one**

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Implementation of a data warehouse requires \_\_\_\_\_ activities

- Highly integrated
- Loosely integrated
- Tightly decoupled
- None of the given**

**Question No: 19 ( Marks: 1 ) - Please choose one**

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In context of requirement definition phase in Kimball's DWH development approach, activities like debriefing, documentation, and prioritization are considered to be the part of:

- Requirement preplanning
- Business requirements collection
- Post collection**
- None of the given options

**Question No: 20 ( Marks: 1 ) - Please choose one**

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Which of the following activity executes parallel with all other activities in Kimball's DWH development approach?

- Requirement elicitation
- Project Planning**
- Project management
- Deployment

**Question No: 21 ( Marks: 1 ) - Please choose one**

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Which of the following activity/activities is/are part of project planning phase in Kimball's DWH development approach?

- Obtain resources
- Establish the preliminary scope and justification
- Assess organization's readiness for a data warehouse initiative
- All of the given options**

**Question No: 22 ( Marks: 1 ) - Please choose one**

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In context of requirement definition phase of Kimball's DWH development approach, \_\_\_\_\_ is positioned as a findings review and prioritization meeting.

- System analysis
- Scope definition
- Requirement configuration
- Requirements wrap-up presentation**

**Question No: 23 ( Marks: 1 ) - Please choose one**

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A typical cycle of implementing the change in DWH comprises of the sequence:

Production -> QA -> Development

**Development-> QA -> Production**

Development -> Production -> QA

Production -> Development -> QA

**Question No: 24 ( Marks: 1 ) - Please choose one**

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The phase-3 i.e. “Rollout and Maintenance” phase in “12-steps data warehouse implementation approach” of Shaku Atre comprises of \_\_\_\_\_ activity.

On Line Analytical Processing

Construct Metadata Repository

**Deployment & System Management**

None of the given options

**Question No: 25 ( Marks: 1 ) - Please choose one**

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Which of the following is NOT one of the possible pitfalls in DWH Life Cycle & Development?

Not having multiple servers

Low priority for OLAP Cube Construction

Improper documentation

**None of the given options**

**Question No: 26 ( Marks: 1 ) - Please choose one**

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In Four Cell Quadrant Technique, The quadrant's vertical axis refers to:

**The quadrant's vertical axis refers to the potential impact or value to the business**

The quadrant's vertical axis refers to the feasibility of each of the findings

Both of the above options

None of the given



**Question No: 27 ( Marks: 1 ) - Please choose one**

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Which of the following is NOT one of the three parallel tracks in Kimball's approach?

- Lifecycle technology track
- Lifecycle Data track
- Lifecycle Analytical Applications track
- Lifecycle Maintenance track**

**Question No: 28 ( Marks: 1 ) - Please choose one**

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In context of requirement definition phase in Kimball's DWH development approach, activities like debriefing, documentation, and prioritization are considered to be the part of:

- Requirement preplanning
- Business requirements collection**
- Post collection
- None of the given options

**Question No: 29 ( Marks: 1 ) - Please choose one**

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The first step of the "12-steps data warehouse implementation approach" of Shaku Atre is:

- Finding user needs**
- Planning system resources
- Finding system scope
- Data acquisition and cleansing

**Question No: 30 ( Marks: 1 ) - Please choose one**

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Which of the following is/are included in the list of Top-7 key steps for smooth DWH implementation?

- Consider handing-off project management
- Assign significant resources for ETL
- Be a diplomat NOT a technologist

**All of the given options**

**Consider handing-off project management**

- Assign significant resources for ETL
- Be a diplomat NOT a technologist
- All of the given options

**Question No: 31 ( Marks: 1 ) - Please choose one**

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In context of analytical applications track, the application development activity can begin after:

Database design is complete

A subset of historical data has been loaded

The data access tools and metadata are installed

**All of the given options**

**Question No: 32 ( Marks: 1 ) - Please choose one**

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Users do not care, how advance the front end of your DWH is, what they care is that:

Tables should be properly denormalized

Proper partitioning technique should be used

At least star or snow flake schema should be implemented

**They should get information in timely manner and the way they want**

Tables should be properly denormalized

**Proper partitioning technique should be used**

At least star or snow flake schema should be implemented

**They should get information in timely manner and the way they want**

**Question No: 33 ( Marks: 1 ) - Please choose one**

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Normally the term “DWH face to the business user” refers to:

Lifecycle technology track

Lifecycle Data track

Lifecycle Analytical Applications track

Lifecycle Maintenance track

Lifecycle technology track

Lifecycle Data track

**Lifecycle Analytical Applications track**

**Lifecycle Maintenance track**

**Question No: 34 ( Marks: 1 ) - Please choose one**

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Three parallel tracks in kimbal's DWH development approach converge at \_\_\_\_\_ Phase.

- Project planning
- Business requirement definition
- Deployment
- Maintenance and growth

- Project planning
- Business requirement definition
- Deployment
- Maintenance and growth

**Question No: 35 ( Marks: 1 ) - Please choose one**

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Which of the following is NOT one of the activities of "Maintenance and Growth" phase in Kimball's DWH development approach?

- Education
- Technical Education
- Program Support
- Interface Deployment

**Question No: 36 ( Marks: 1 ) - Please choose one**

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Which of the following is NOT one of the possible pitfalls in DWH Life Cycle & Development?

- Not having multiple servers
- Low priority for OLAP Cube Construction
- Improper documentation
- None of the given options

**Question No: 37 ( Marks: 1 ) - Please choose one**

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In Four Cell Quadrant Technique, The quadrant's vertical axis refers to:

- Scope
- Feasibility
- Resources available
- The potential impact or value to the business**

**Question No: 38 ( Marks: 1 ) - Please choose one**

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Which of the following is NOT one of the activities of “Maintenance and Growth” phase in Kimball’s DWH development approach?

- Education
- Technical Education
- Program Support
- Interface Deployment**

**Question No: 39 ( Marks: 1 ) - Please choose one**

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Horizontally wide data means:

- Dataset has large no. of attributes**
- Dataset has large no. of records
- Dataset has attribute skews
- Dataset has partitioning skews

**Question No: 40 ( Marks: 1 ) - Please choose one**

---

Which of the following is NOT one of the top-10 mistakes that should be avoided during DWH development?

- Not interacting directly with end user
- Not being an accommodating person**
- Isolating IT support people from business users
- Training the users with dummy data and considering it success

**Question No: 41 ( Marks: 1 ) - Please choose one**

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Which of the following is NOT one of the examples of dynamic attributes?

Daily Sale

**Date of Birth**

Air pressure

None of the given options

**Question No: 42 ( Marks: 1 ) - Please choose one**

---

In context of requirement definition phase of Kimball's DWH development approach, \_\_\_\_\_ is positioned as a findings review and prioritization meeting.

System analysis

Scope definition

Requirement configuration

**Requirements wrap-up presentation**

**Question No: 43 ( Marks: 1 ) - Please choose one**

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Which of the following activity/activities is/are part of project planning phase in Kimball's DWH development approach?

Obtain resources

Establish the preliminary scope and justification

Assess organization's readiness for a data warehouse initiative

**All of the given options**

**Question No: 44 ( Marks: 1 ) - Please choose one**

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Which of the following activity executes parallel with all other activities in Kimball's DWH development approach?

Requirement elicitation

**Project Planning**

Project management

Deployment

**Question No: 45 ( Marks: 1 ) - Please choose one**

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Improper documentation results the problem(s) like:

Maintenance issue

New developers unable to configure already existing code

Lot of time required for enhancing the code

**All of the given options**

**Question No: 46 ( Marks: 1 ) - Please choose one**

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Goal driven approach of data warehouse development was result of \_\_\_\_\_ work

Bill Inmon

Ralph Kimball

**Böhnlein and Ulbrich-vom**

Westerman

**Question No: 47 ( Marks: 1 ) - Please choose one**

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“What means.....

The phrase refers to:

**Meta data**

External data

Transformed data

Internal representations