

# VIRTUAL UNIVERSITY OF PAKISTAN

A Good Education is a Foundation For a Better Future  
CORRECT ANSWER SOLVED BY HADI  
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## (Final Term Past Paper)

(Made by Waqar & Solved By Hadi)

WARNING: Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.



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Best of luck!



Question # 10 of 10 ( Start time: 10:53:03 PM, 27 July 2021 )

Total Marks: 1

In contrast to statistics, data mining is \_\_\_\_\_ driven.

Select the correct option

<input type="radio"/>	Database
<input checked="" type="radio"/>	Knowledge
<input type="radio"/>	Human
<input type="radio"/>	Assumption

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Question # 8 of 10 ( Start time: 10:53:31 PM, 05 August 2021 )

Total Marks: 1

As per Bill Inmon, a data warehouse, in contrast with classical applications is:

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Select the correct option

- |                                  |                    |
|----------------------------------|--------------------|
| <input type="radio"/>            | Resource driven    |
| <input type="radio"/>            | Requirement driven |
| <input type="radio"/>            | Time sensitive     |
| <input checked="" type="radio"/> | Data driven        |

Question # 5 of 10 ( Start time: 10:47:52 PM, 27 July 2021 )

Total Marks: 1

In nested-loop join case, if there are 'M' rows in outer table and 'N' rows in inner table, time complexity is

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Select the correct option

<input type="radio"/>	$O(\log MN)$
<input checked="" type="radio"/>	$O(MN)$
<input type="radio"/>	$O(M + N)$
<input type="radio"/>	$O(M \log N)$

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## Question # 4 of 10 ( Start time: 10:46:54 PM, 27 July 2021 )

Total Marks: 1

If every key in the data file is represented in the index file then it is called

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Select the correct option

<input type="radio"/>	Sparse Index
<input type="radio"/>	Inverted Index
<input checked="" type="radio"/>	Dense Index
<input type="radio"/>	A Multi level Sparse Index

Question # 1 of 10 ( Start time: 10:43:37 PM, 27 July 2021 )

Total Marks:

Classification consists of examining the properties of a newly presented observation and assigning it to a predefined \_\_\_\_\_.

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Select the correct option

<input type="radio"/>	Object
<input checked="" type="radio"/>	Class
<input type="radio"/>	Container
<input type="radio"/>	Subject

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## Question # 1 of 10 ( Start time: 10:46:50 PM, 05 August 2021 )

Total Marks: 1

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:

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## Select the correct option

- |                                  |                                  |
|----------------------------------|----------------------------------|
| <input checked="" type="radio"/> | Business requirements collection |
| <input type="radio"/>            | None of the given options        |
| <input type="radio"/>            | Post collection                  |
| <input type="radio"/>            | Requirement preplanning          |

Question # 3 of 10 ( Start time: 10:49:40 PM, 05 August 2021 )

Total Marks: 1

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

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Select the correct option

<input checked="" type="radio"/>	Böhnlein and Ulbrich-vom
<input type="radio"/>	Bill Inmon
<input type="radio"/>	Westeman
<input type="radio"/>	Ralph Kimball

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Question # 6 of 10 ( Start time: 10:49:05 PM, 27 July 2021 )

Total Marks: 1

\_\_\_\_\_ index uses even less space than \_\_\_\_\_ index, but the block has to be searched, even for unsuccessful searches.

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Select the correct option

<input checked="" type="radio"/>	Sparse, dense
<input type="radio"/>	Sparse, inverted
<input type="radio"/>	Dense, sparse
<input type="radio"/>	Dense, inverted

Question # 10 of 10 ( Start time: 10:55:14 PM, 05 August 2021 )

Total Marks: 1

Spiral model is \_\_\_\_\_

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Select the correct option

<input type="radio"/>	An iterative model
<input type="radio"/>	Risk oriented model
<input checked="" type="radio"/>	All of the given options
<input type="radio"/>	Sequence of waterfall model

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Question # 9 of 10 ( Start time: 10:54:33 PM, 05 August 2021 )

Total Marks: 1

Which of the following is the most ignored step during data warehouse development

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Select the correct option

- |                                  |                              |
|----------------------------------|------------------------------|
| <input type="radio"/>            | The requirement verification |
| <input type="radio"/>            | Schema validation            |
| <input checked="" type="radio"/> | Success criteria development |
| <input type="radio"/>            | The vision definition        |

Question # 7 of 10 ( Start time: 10:52:45 PM, 05 August 2021 )

Total Marks: 1

Waterfall is a/an \_\_\_\_\_ model

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Select the correct option

<input type="radio"/>	Iterative
<input type="radio"/>	Rapid development
<input type="radio"/>	Object Oriented
<input checked="" type="radio"/>	Simple linear sequential

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## Question # 5 of 10 ( Start time: 10:51:37 PM, 05 August 2021 )

Total Marks: /

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

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## Select the correct option

<input checked="" type="radio"/>	Requirements wrap-up presentation
<input type="radio"/>	System analysis
<input type="radio"/>	Scope definition
<input type="radio"/>	Requirement configuration

Question # 2 of 10 ( Start time: 10:48:24 PM, 05 August 2021 )

Total Marks: 1

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

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Select the correct option

<input type="radio"/>	Production -> Development -> QA
<input type="radio"/>	Development-> QA -> Production
<input type="radio"/>	Production -> QA -> Development
<input checked="" type="radio"/>	Development -> Production -> QA

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## Question # 9 of 10 ( Start time: 10:52:18 PM, 27 July 2021 )

Total Marks: 1

A \_\_\_\_\_ index, if fits in the memory, costs only one disk I/O access to locate a record given a key.

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Select the correct option

<input type="radio"/>	Sparse
<input type="radio"/>	B-Tree
<input checked="" type="radio"/>	Dense
<input type="radio"/>	Hash

Question # 2 of 10 ( Start time: 10:44:35 PM, 27 July 2021 )

Total Marks: 1

In \_\_\_\_\_ learning you don't know the number of clusters and no idea about their attributes.

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Select the correct option

<input type="radio"/>	Supervised learning
<input type="radio"/>	Multi Dimension modeling
<input checked="" type="radio"/>	Unsupervised learning
<input type="radio"/>	None of the given options

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Question # 8 of 10 ( Start time: 10:50:51 PM, 27 July 2021 )

Total Marks: 1

\_\_\_\_\_ do not (typically) keep the index values in sorted order

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Select the correct option

<input checked="" type="radio"/>	Hash based index	check please
<input type="radio"/>	B-Tree index	
<input type="radio"/>	Dense index	
<input type="radio"/>	Sparse index	

---

# HADI VU PAST PAPER

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- 2) QUIZZES
- 3) GDB
- 4) GRAND QUIZZES

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include Assignments,  
Quizzes, GDBs, Grand Quizzes  
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