

# VIRTUAL UNIVERSITY OF PAKISTAN

A Good Education is a Foundation For a Better Future

CORRECT ANSWER SOLVED BY HADI  
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TEAM HADI(VU)

## MID TERM PAST PAPER

We Deal All Kind of VU Project  
(PHP, .NET, ANDROID, PYTHON)

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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 # 1 of 10 ( Start time: 10:26:36 PM, 27 December 2022 )

Total Marks: 1

The conceptual database design is drawn through\_\_\_\_\_.

Select the correct option

<input type="radio"/>	Data model
<input type="radio"/>	Database design
<input checked="" type="radio"/>	E-R model
<input type="radio"/>	Entity set

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Question # 10 of 10 ( Start time: 10:35:23 PM, 27 December 2022 )

Total Marks: 1

Database relation is also represented in a two dimensional structure called\_\_\_\_\_.

Select the correct option

<input type="radio"/>	Column
<input type="radio"/>	Entity
<input checked="" type="radio"/>	Table
<input type="radio"/>	Row

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Question # 5 of 10 ( Start time: 11:25:22 PM, 29 December 2022 )

Total Marks: 1

In the relational model, the number of attributes and number of tuples in a relation are termed as \_\_\_\_\_ and \_\_\_\_\_ respectively.

Select the correct option

<input checked="" type="radio"/>	degree, cardinality
<input type="radio"/>	cardinality, domain
<input type="radio"/>	cardinality, degree
<input type="radio"/>	domain, degree

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Question # 4 of 10 ( Start time: 10:29:27 PM, 27 December 2022 )

Total Marks: 1

The attribute that is calculated from other attribute is called\_\_\_\_\_.

Select the correct option

- |                                  |                        |
|----------------------------------|------------------------|
| <input type="radio"/>            | Multi-valued attribute |
| <input type="radio"/>            | Simple attribute       |
| <input type="radio"/>            | Composite attribute    |
| <input checked="" type="radio"/> | Derived attribute      |

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Question # 5 of 10 ( Start time: 10:30:07 PM, 27 December 2022 )

Total Marks: 1

The relationship between department to employees is \_\_\_\_\_.

Select the correct option

<input type="radio"/>	Many to many
<input type="radio"/>	One to one
<input type="radio"/>	Many to one
<input checked="" type="radio"/>	One to many

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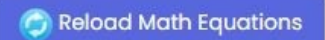
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Question # 9 of 10 ( Start time: 10:34:32 PM, 27 December 2022 )

Total Marks: 1

If we simply say join, it means the \_\_\_\_\_.

Select the correct option

 Reload Math Equations

- |                                  |              |
|----------------------------------|--------------|
| <input type="radio"/>            | Outer join   |
| <input checked="" type="radio"/> | Natural join |
| <input type="radio"/>            | Equi-join    |
| <input type="radio"/>            | Theta Join   |

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Question # 4 of 10 ( Start time: 11:24:16 PM, 29 December 2022 )

Total Marks: 1

A \_\_\_\_\_ entity has a primary key that is partially or totally derived from the parent entity in the relationship.

Select the correct option

- |                                  |              |
|----------------------------------|--------------|
| <input type="radio"/>            | Relationship |
| <input type="radio"/>            | strong       |
| <input type="radio"/>            | Business     |
| <input checked="" type="radio"/> | Weak         |

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Question # 3 of 10 ( Start time: 11:23:36 PM, 29 December 2022 )

Total Marks: 1

For which binary operation, relations are not required to be union compatible?

Select the correct option

- |                                  |                   |
|----------------------------------|-------------------|
| <input checked="" type="radio"/> | Cartesian product |
| <input type="radio"/>            | Union             |
| <input type="radio"/>            | Difference        |
| <input type="radio"/>            | Intersection      |

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Question # 8 of 10 ( Start time: 11:28:18 PM, 29 December 2022 )

Total Marks: 1

The foreign key attribute, which is present as a primary key in another relation is called as \_\_\_\_\_ of the foreign key attribute.

Select the correct option

<input checked="" type="radio"/>	Home relation
<input type="radio"/>	Binary relation
<input type="radio"/>	Recursive relation
<input type="radio"/>	Composite relation

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Question # 8 of 10 ( Start time: 10:33:23 PM, 27 December 2022 )

Total Marks: 1

In natural join the common attribute in the output table appears \_\_\_\_\_.

Select the correct option

<input checked="" type="radio"/>	Once
<input type="radio"/>	Four times
<input type="radio"/>	Twice
<input type="radio"/>	Three times

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