

02 - Creating and Managing Tables, Constraints - Quiz

Quiz

i. A table should have only one primary key
ii. Primary keys can be composite
iii. A table should have only one candidate key

<input type="radio"/>	ii
<input checked="" type="radio"/>	Only i
Feedback: A table can have only one primary key; however it can be composite. A table can have many candidate keys from which one is chosen as a primary key.	
<input checked="" type="radio"/>	Only i & ii
<input type="radio"/>	Only iii

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2. Which of these database constraints cannot be composite?

<input type="radio"/>	PRIMARY KEY
Feedback: Not null constraint can be applied to only one column; whereas other constraints can be composite.	
<input checked="" type="radio"/>	NOT NULL
<input type="radio"/>	CHECK
<input type="radio"/>	FOREIGN KEY

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3. Which statements are true regarding constraints?

- i. A foreign key cannot contain NULL values
- ii. A column with the UNIQUE constraint can contain NULL values
- iii. A constraint is enforced only for the INSERT operation on a table
- iv. A constraint can be disabled even if the constraint column contains data
- v. All constraints can be defined at the column level as well as the table level

<input checked="" type="radio"/>	ii, iv
<input type="radio"/>	i, iii
<input checked="" type="radio"/>	i, ii, v
Feedback:	

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	The BETWEEN clause cannot be used for the CHECK constraint
✓	SYSDATE cannot be used with the CHECK constraint Feedback: SYSDATE cannot be used because it is not deterministic value, it keeps changing.
	ORD_NO and ITEM_NO cannot be used as a composite primary key because ORD_NO is also the FOREIGN KEY
	The CHECK constraint cannot be placed on columns having the DATE data type

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5. NOT NULL Constraints can be defined at table level

<input checked="" type="radio"/>	TRUE
Feedback: Not null constraint can only be defined at column level	
<input type="radio"/>	FALSE

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6. CHECK constraints can use builtin functions

<input checked="" type="radio"/>	TRUE
Feedback: check constraints cannot use built in functions	
<input type="radio"/>	FALSE

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7. Primary key constraint is equivalent to

- | | |
|---|--|
| | only unique |
| | only not null |
|  | unique and not null constraints together |
| | Feedback:
A Primary key satisfies both unique and not null constraints |
| | None |

Feedback:

A **Primary** key satisfies **both** unique and not null constraints

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8. A table can have _____ primary key

- | | |
|--|--|
| | 1 |
| | 2 |
| | None |
|  | <p>Either 1 or none</p> <p>Feedback:
A table can have only one or none primary keys</p> |

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9. If there are two candidate keys, one of the candidate keys are selected to be a foreign key, the other candidate is called as _____

<input type="radio"/>	Foreign key
<input type="radio"/>	Non key
<input checked="" type="radio"/>	Alternate key
<input type="radio"/>	Duplicate key

Feedback:
If there are two candidate keys, one of the candidate keys are selected to be a foreign key, the other candidate is called as Alternate key