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DBMS	()1117-1:	Attempt	review

Started on	· · · ·
	Finished
	Wednesday, 6 August 2025, 3:54 PM
Time taken	7 mins 57 secs
Marks	13.00/20.00
Grade	65.00 out of 100.00
Question 1	
Complete	
Mark 0.00 out of 1.00	
A table without a pri	mary key can still have which of the following?
a. Candidate k	ey
b. Clustered in	dex
c. Composite k	rey
d. Referential in	
Question 2	
Complete	
Mark 0.00 out of 1.00	
In relational algebra,	which operation is not considered a basic operation?
a. Union	
O b. Join	
c. Selection	
d. Difference	
Question 3	
Complete	
Mark 1.00 out of 1.00	
What does the ACID	property 'Consistency' ensure?
O 2 Trace	are executed in isolation
	er can access the data
c. The data is r	normalized
d. Database me	oves from one valid state to another

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Question 4	
Complete	
Mark 0.00 out of 1.00	
What will be the result of a division operation in relational algebra?	
a. Join of attributes	
○ b. Tuples in one relation matching all tuples in another	
c. Cartesian product	
d. Intersection of tuples	
Question 5 Complete	
Mark 1.00 out of 1.00	
Which command is used to remove all rows from a table without logging individual row deletions?	
a. TRUNCATE	
O b. DELETE	
○ c. REMOVE	
○ d. DROP	
Question 6	
Complete Mark 1.00 out of 1.00	
Mark 1.00 out of 1.00	
Which constraint ensures that a column must have a value?	
a. NOT NULL	
O b. UNIQUE	
C. PRIMARY KEY	
O d. FOREIGN KEY	
Question 7 Complete	
Mark 1.00 out of 1.00	
Mark 1.00 out of 1.00	
Mark 1.00 out of 1.00 Which file contains actual records in a heap-organized table?	
Mark 1.00 out of 1.00 Which file contains actual records in a heap-organized table? a. Data file	
Which file contains actual records in a heap-organized table? a. Data file b. Index file	

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Question 8 Complete	
Mark 0.00 out of 1.00	
Which index type stores a sorted list of values and pointers to rows?	
○ a. Spatial Index	
b. Hash Index	
c. Clustered Index	
○ d. Full-text Index	
Question 9	
Complete Mark 1.00 out of 1.00	
Which isolation level allows non-repeatable reads but prevents dirty reads?	
a. Repeatable Read	
○ b. Serializable	
c. Read Committed	
○ d. Read Uncommitted	
Question 10	
Complete	
Mark 1.00 out of 1.00	
Which JOIN returns all rows from the left table and matched rows from the right?	
a. LEFT JOIN	
○ b. CROSS JOIN	
○ c. RIGHT JOIN	
c. RIGHT JOIN d. INNER JOIN	
○ d. INNER JOIN	
d. INNER JOIN Question 11	
Question 11 Complete Mark 1.00 out of 1.00	
Question 11 Complete Mark 1.00 out of 1.00 Which keyword is used to prevent duplicate rows in SQL SELECT results?	
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Question 11 Complete Mark 1.00 out of 1.00 Which keyword is used to prevent duplicate rows in SQL SELECT results? a. ONLY b. DISTINCT	
Question 11 Complete Mark 1.00 out of 1.00 Which keyword is used to prevent duplicate rows in SQL SELECT results? a. ONLY b. DISTINCT c. FILTER	
Question 11 Complete Mark 1.00 out of 1.00 Which keyword is used to prevent duplicate rows in SQL SELECT results? a. ONLY b. DISTINCT	

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Question 1	
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Complete	
Mark 1.00 d	out of 1.00
Which	of the following can cause a phantom read?
a.	Insert by another transaction during a range scan
○ b.	Non-repeatable read
○ c.	Dirty read
○ d.	Row-level locking
Question 1	13
Complete	
Mark 1.00 d	out of 1.00
Which.	of the following ensures atomicity in a DBMS transaction?
VVIIICIT	of the following ensures atomicity in a Davis transaction:
a.	Commit and Rollback
O b.	Foreign Key
○ c.	Check Constraint
O d.	Primary Key
Question 1	14
Complete	
Complete	
Complete Mark 1.00 c	
Complete Mark 1.00 o	out of 1.00 of the following is not allowed in a view?
Complete Mark 1.00 c	of the following is not allowed in a view? Aggregations
Complete Mark 1.00 o Which o a. b.	of the following is not allowed in a view? Aggregations WHERE clause
Which (a) b.	of the following is not allowed in a view? Aggregations WHERE clause INSERT with default values
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Which a a. b. c. d.	of the following is not allowed in a view? Aggregations WHERE clause INSERT with default values SELECT from multiple tables
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Question 16 Complete
Mark 1.00 out of 1.00
Which of the following normal forms eliminates transitive dependency?
a. 3NF
○ b. 2NF
○ c. 1NF
○ d. BCNF
Question 17
Complete
Mark 1.00 out of 1.00
Which of the following operations may violate referential integrity?
a. INSERT
■ b. UPDATE
○ c. RENAME
○ d. SELECT
Question 18
Complete
Mark 0.00 out of 1.00
Which of the following schedules is always serializable?
a. Conflict serializable
○ b. Non-recoverable schedule
C. Cascading rollback schedule
d. View serializable but not conflict serializable
Question 19
Complete
Complete Mark 0.00 out of 1.00
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Mark 0.00 out of 1.00
Mark 0.00 out of 1.00 Which SQL clause is evaluated first in a SELECT query?
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Question	20
Complete	
Mark 1.00	out of 1.00
Which	SQL keyword is used to extract only those records that satisfy a specified condition?
	- -
○ a.	FROM
○ b.	HAVING
c.	WHERE
	SELECT