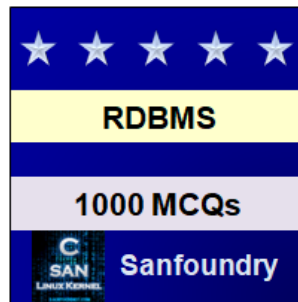




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RDBMS Questions and Answers – Serializability

This set of RDBMS Multiple Choice Questions & Answers (MCQs) focuses on “Serializability”.

1. I and J are _____ if they are operations by different transactions on the same data item, and at least one of them is a write operation.

- a) Conflicting
- b) Overwriting
- c) Isolated
- d) Durable

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2. If a schedule S can be transformed into a schedule S' by a series of swaps of non-conflicting instructions, then S and S' are

- a) Non conflict equivalent
- b) Equal
- c) Conflict equivalent
- d) Isolation equivalent

[View Answer](#)

3. A schedule is _____ if it is conflict equivalent to a serial schedule.

- a) Conflict serializable
- b) Conflicting
- c) Non serializable
- d) None of the mentioned

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4. The set of _____ in a precedence graph consists of all the transactions participating in the schedule

- a) Vertices
- b) Edges
- c) Directions
- d) None of the mentioned

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5. A _____ of the transactions can be obtained by finding a linear order consistent with the partial order of the precedence graph.

- a) Serializability order
- b) Direction graph

- c) Precedence graph
- d) Scheduling scheme

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6. State true or false: If I = read(Q) and J = read(Q) then the order of I and J does not matter.

- a) True
- b) False

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7. State true or false: If I = read(Q) and J = write(Q) then the order of I and J does not matter.

- a) True
- b) False

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8. Which of the following is the most expensive method?

- a) Timestamping
- b) Plain locking
- c) Predicate locking
- d) Snapshot isolation

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Do You Know Your Crazy Microsoft Trivia?

0/10
SCORE

A hacker published attack codes after Microsoft refused to credit him for finding software vulnerabilities

TRUE ☒ FALSE ☐

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