



Course Overview



View Discussion

Final Exam

Question 5

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Let's take a moment to examine each of the choices:

- **Compound indexes can service queries that filter on any subset of the index keys.**

No, not all subsets of a index's keys can service a query. The prefix of an index's keys can service a query.

- **Compound indexes can service queries that filter on a prefix of the index keys.**

Yes, this is true!

- **If no indexes can be used then a collection scan will be necessary.**

Yes, this is true and should be avoided!

- **Query plans are removed from the plan cache on index creation, destruction, or server restart.**

Yes, this is true!

- **By default, the `explain()` command will execute your query.**

No, by default `explain()` will **not** execute your query. This is useful to test queries that need to run on a server under heavy load. Passing "`executionStats`" or "`allPlansExecution`" will execute the query and collect execution statistics.

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