FINAL: QUESTION 5

Suppose your have a collection *fubar* with the following indexes created:

```
[
    {
            "v" : 1,
            "key" : {
                    "_id" : 1
            },
            "ns" : "test.fubar",
            "name" : "_id_"
    },
    {
            "v" : 1,
            "key" : {
                    "a" : 1,
                    "b" : 1
            },
            "ns" : "test.fubar",
            "name" : "a_1_b_1"
    },
    {
            "v" : 1,
            "key" : {
                    "a" : 1,
                    "c" : 1
            },
            "ns" : "test.fubar",
            "name" : "a_1_c_1"
    },
    {
            "v" : 1,
            "key" : {
                    "c" : 1
            },
            "ns" : "test.fubar",
            "name" : "c_1"
    },
    {
            "v" : 1,
            "key" : {
                    "a" : 1,
                    "b" : 1,
                    "c" : -1
            },
```

```
            "ns" : "test.fubar",
            "name" : "a_1_b_1_c_-1"
      }
]
```

Now suppose you want to run the following query against the collection.

```
db.fubar.find({'a':{'$lt':10000}, 'b':{'$gt': 5000}}, {'a':1, 'c':1}).sort({'c
':-1})
```

Which of the following indexes could be used by MongoDB to assist in answering the
query? Check all that apply.

- [ ] _id_
- [ ] a_1_b_1
- [ ] a_1_c_1
- [ ] c_1
- [ ] a_1_b_1_c_-1

SUBMIT

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