

DBMS Quiz 1 (co1,co2,co3)

Total points 6/6 ?

Mcq questions, each carry one mark. no negative marking.

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50

✓ 1. DBMS is collection of _____ *

1/1

- ☐ value
- ☒ data
- ☐ database
- ☐ none of the above



Feedback

Extract valuable insights from the data



✓ 2. which Architecture is most widely used to design DBMS *

1/1

- ☒ 3 tier architecture
- ☐ 1 tier architecture
- ☐ 2 tier architecture
- ☐ none



Feedback

Data Mining

✓ 3. Consider the following relational schema. Students(rollno: integer, sname: string) Courses(courseno: integer, cname: string) Registration(rollno: integer, courseno: integer, percent: real) Given the basic ER and relational models, which of the following is INCORRECT? *

1/1

- ☒ In a row of a relational table, an attribute can have more than one value
- ☐ An attribute of an entity can have more than one value
- ☐ An attribute of an entity can be composite
- ☐ In a row of a relational table, an attribute can have exactly one value or a NULL value



Feedback

True



- ✓ 4. Let E1 and E2 be two entities in an E/R diagram with simple single-valued attributes. R1 and R2 are two relationships between E1 and E2, where R1 is one-to-many and R2 is many-to-many. R1 and R2 do not have any attributes of their own. What is the minimum number of tables required to represent this situation in the relational model? *

1/1

- ☐ 1
- ☐ 2
- ☒ 3
- ☐ 4

**Feedback**

Focusing on business goals and how to use big data analytics technologies to meet them

- ✓ 5. What is the min and max number of tables required to convert an ER diagram with 2 entities and 1 relationship between them with partial participation constraints of both entities? *

1/1

- ☒ Min 2 and max 3
- ☐ min 1 max 4
- ☐ min 6 and max5
- ☐ min1 and max 2

**Feedback**

True



✓ 6. In unary relational operations, symbols such as equal to, less than and greater than are classified as * 1/1

- ☐ tuple operators
- ☒ comparison operators
- ☐ column operators
- ☐ row operators



Feedback

The interrelatedness of data and the amount of development work that will be needed to link various data sources

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