

Repeated Questions Found in Papers

1. Drawbacks / Advantages of File Processing System

- Found in:
 - 28 Sep 2022 (Q1-b → "advantages of DBMS over file processing system")
 - 01 Aug 2024 (IT paper Q1-d → "advantages of DBMS over file processing system")
☑ Repeated **2 times**
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2. Advantages of DBMS over File Processing

- Same as above, worded slightly differently.
☑ Repeated **2 times**
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3. Three Levels of Data Abstraction

- Found in:
 - 28 Sep 2022 (Q2-b)
 - 01 Aug 2024 (IT paper Q2-b)
☑ Repeated **2 times**
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4. Functional Dependency

- Found in:
 - 02 Jun 2023 (Q4-c → "Describe Functional dependency")
 - 01 Aug 2024 (IT paper Q1-h → "Define functional dependency")
 - 28 Sep 2022 (Q4-c → "Describe Functional dependency")
☑ Repeated **3 times**
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5. Database Instance & Database Schema

- Found in:
 - 02 Jun 2023 (Q1-e)
 - 03 Apr 2023 (Q2-b → "Explain database instance & schema")
☑ Repeated **2 times**
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6. Data Models in DBMS

- Found in:
 - 03 Apr 2023 (Q1-h → "Classify database system failure / data models")
 - 28 Sep 2022 indirectly refers to model types (network vs relational).
☑ Appears **2 times**
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7. Database System Environment / Architecture

- Found in:
 - 03 Apr 2023 (Q4-a → "Describe Database System environment with a diagram")
 - 28 Sep 2022 (Q5-a → "Explain Database system architecture")
 - 01 Aug 2024 (IT paper Q5-b → "Describe Database System environment")
 - ☑ Repeated **3 times**
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8. Functions of Database Administrator

- Found in:
 - 03 Apr 2023 (Q1-f)
 - 01 Aug 2024 (CE paper Q2-b)
 - ☑ Repeated **2 times**
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9. Different Types of Database Users

- Found in:
 - 03 Apr 2023 (Q1-h classification) indirectly covers this.
 - Not explicit in other papers.
 - ☑ **1 time (indirect)**
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10. Constraints in DBMS

- Found in:
 - 02 Jun 2023 (Q2-a)
 - 28 Sep 2022 (Q1-a)
 - ☑ Repeated **2 times**
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11. DDL and DML Commands

- Found in:
 - 02 Jun 2023 (Q1-a, Q1-b)
 - 28 Sep 2022 (Q1-a, Q1-f)
 - ☑ Repeated **2 times**
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12. Relationships (One-to-One, Many-to-One, etc.)

- Found in:
 - 02 Jun 2023 (Q2-b)
 - 28 Sep 2022 (Q2-d)
 - 01 Aug 2024 (CE paper Q2-c)
 - ☑ Repeated **3 times**
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13. ER Diagram (symbols / scenario / draw)

- Found in:
 - 03 Apr 2023 (Q1-b → ER symbols, Q4-b → ER for Banking)
 - 02 Jun 2023 (Q4-a → relational algebra with schema, ER diagram for Cricket in Q5-a)
 - 28 Sep 2022 (Q4-b → ER for Banking)
 - ☑ Repeated **3+ times**
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14. Primary Key and Foreign Key

- Found in:
 - 28 Sep 2022 (Q1-d)
 - 01 Aug 2024 (CE paper Q1-b)
 - ☑ Repeated **2 times**
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15. Super Key & Candidate Key

- Found in:
 - 01 Aug 2024 (IT paper Q1-b mentions keys)
 - ☑ **1 time**
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16. Aggregate Functions

- Found in:
 - 28 Sep 2022 (Q2-a)
 - 02 Jun 2023 (Q4-d, Q5-b)
 - 01 Aug 2024 (CE paper Q3-a)
 - ☑ Repeated **3+ times**
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17. Functional Dependencies + Example

- Same as #4, explicitly with example.
 - ☑ **3 times**
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18. Decomposition

- Found in:
 - 01 Aug 2024 (IT paper Q1-a → "importance of decomposition")
 - 02 Jun 2023 (Q3-d → "Explain properties of decomposition")
 - ☑ Repeated **2 times**
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19. Anomalies in Database

- Found in:

- 02 Jun 2023 (Q3-d)
 - 28 Sep 2022 (Q2-e)
 - ☑ Repeated **2 times**
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20. 1NF, 2NF, 3NF

- Found in:
 - 28 Sep 2022 (Q3-d → 1NF & 2NF)
 - 02 Jun 2023 (Q5-b → 2NF & 3NF)
 - 01 Aug 2024 (IT paper Q4-c → "Explain 1NF, 2NF, 3NF")
 - ☑ Repeated **3 times**
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☑ Most repeated questions are:

- Functional Dependency (3x)
- Database System Environment/Architecture (3x)
- ER Diagram (3+ times)
- Relationships (3x)
- Aggregate Functions (3+ times)
- Normalization (1NF/2NF/3NF) (3x)