DBMS

Name: Joe Elysium M. Mamolo 2-F

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| Poor data administration can lead to which of the following? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | A single definition of the same data entity | | [**B.**](javascript:%20void%200;) | Familiarity with existing data | | [**C.**](javascript:%20void%200;) | Missing data elements | | [**D.**](javascript:%20void%200;) | All of the above. | |

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| 2. | A traditional data administrator performs which of the following roles? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Tune database performance | | [**B.**](javascript:%20void%200;) | Establish backup and recovery procedures | | [**C.**](javascript:%20void%200;) | Resolve data ownership issues | | [**D.**](javascript:%20void%200;) | Protect the security of the database. | |

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| 3. | If both data and database administration exist in an organization, the database administrator is responsible for which of the following? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Data modeling | | [**B.**](javascript:%20void%200;) | Database design | | [**C.**](javascript:%20void%200;) | Metadata | | [**D.**](javascript:%20void%200;) | All of the above. | |

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| 4. | Which of the following is part of an administrative policy to secure a database? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Authentication policies | | [**B.**](javascript:%20void%200;) | Limiting particular areas within a building to only authorized people | | [**C.**](javascript:%20void%200;) | Ensure appropriate responses rates are in external maintenance agreements | | [**D.**](javascript:%20void%200;) | All of the above. | |

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| 5. | Backward recovery is which of the following? |
| |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Where the before-images are applied to the database | | [**B.**](javascript:%20void%200;) | Where the after-images are applied to the database | | [**C.**](javascript:%20void%200;) | Where the after-images and before-images are applied to the database | | [**D.**](javascript:%20void%200;) | Switching to an existing copy of the database |  |  |  | | --- | --- | | 6. | The transaction log includes which of the following? | | |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | The before-image of a record | | [**B.**](javascript:%20void%200;) | The after-image of a record | | [**C.**](javascript:%20void%200;) | The before and after-image of a record | | [**D.**](javascript:%20void%200;) | The essential data of the record | |  |  |  | | --- | --- | | 7. | Which of the following could cause data to be unavailable? | | |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Data becoming lost or inaccurate | | [**B.**](javascript:%20void%200;) | The database server | | [**C.**](javascript:%20void%200;) | Planned database maintenance activities | | [**D.**](javascript:%20void%200;) | All of the above. | |  |  |  | | --- | --- | | 8. | A shared lock allows which of the following types of transactions to occur? | | |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Delete | | [**B.**](javascript:%20void%200;) | Insert | | [**C.**](javascript:%20void%200;) | Read | | [**D.**](javascript:%20void%200;) | Update | |  |  |  | | --- | --- | | 9. | Locking may cause which of the following problems? | | |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Erroneous updates | | [**B.**](javascript:%20void%200;) | Deadlock | | [**C.**](javascript:%20void%200;) | Versioning | | [**D.**](javascript:%20void%200;) | All of the above. | |  |  |  | | --- | --- | | 10. | Performance analysis and tuning is which of the following? | | |  |  | | --- | --- | | [**A.**](javascript:%20void%200;) | Undertaken one time at the time of a DBMS installation | | [**B.**](javascript:%20void%200;) | Undertaken one time at the time of the implementation of a new application | | [**C.**](javascript:%20void%200;) | Undertaken as an ongoing part of the backup of a database | | [**D.**](javascript:%20void%200;) | Undertaken as an ongoing part of managing a database | | |

Answer:

1.) C

2.) C

3.) B

4.) D

5.) A

6.) B

7.) D

8.) C

9.) D

10.) D