

Sample question paper of ADVANCED DATABASE TECHNIQUES

Q1. Why in two phase commit protocol does a participating site first write the decision in its log file before communicating it with the coordinator site?

- A. to decide the fate of the transaction if a failure happens
- B. to send all the decisions at once to the coordinator site to reduce the cost.
- C. both (a) and (b)
- D. neither (a) nor (b)

Q2. Which of the following helps in implementing inter-operation parallelism?

- A. Interdependent parallelism
- B. Intra-query parallelism
- C. Inter-query parallelism
- D. Pipelined parallelism

Q3. The real use of the Two-phase commit protocol is _____

- A. Deadlock will not occur
- B. Concurrency control can be avoided
- C. Atomicity, i.e, all-or-nothing commits at all sites
- D. None of the above

Q4. Read one, write all available protocol is used to increase _____ in a distributed database system.

- A. Availability
- B. Robustness
- C. Both Availability and Robustness
- D. Neither Availability nor Robustness

Q5. _____ is the heart of the warehouse.

- A. Data mining database servers.
- B. Data warehouse database servers.
- C. Data mart database servers.
- D. Relational database servers.

Q6. _____ defines the structure of the data held in operational databases and used by operational applications.

- A. User-level metadata.
- B. Data warehouse metadata.

- C. Operational metadata.
- D. Data mining metadata.

Q7. A ____ is a set of activities which are networked in an order and aimed towards achieving the goals of a project.

- A. Project
- B. Process
- C. Project management
- D. Project cycle

Q8. The project life cycle consists of

- A. Understanding the scope of the project
- B. Objectives of the project
- C. Formulation and planning various activities
- D. All of the above

Q9. The biggest drawback of the level indicator in the classic star schema is that it limits

- A. flexibility
- B. quantify
- C. qualify
- D. ability

Q10. Which statement is used to revoke an authorization,

- A. Revoke
- B. Modify
- C. Alter
- D. All of these

