1. Match the following terms to the appropriate definition

   Replication transparency   a. Guarantees that all or none of the updates occur in a
                                              transaction across a distributed database

   Unit of work   b. the appearance that a given transaction is the only
                                              transaction running against a distributed database

   Global transaction   c. Treating copies of data as if there were only one copy

   Concurrency transparency   d. References data at more than one location

   Replication   e. Sequences of instructions required to process a transaction

   Failure transparency   f. A good database distribution strategy for read only data

2. For the following Schedule give the conflicting schedules

   Sa : r1(X),w1(X),r2(X),r1(Y),w1(Y),r1(Z),r2(Z),w1(Z),w2(Z),c2,c1

3. Which of the following transactions will not put a entry in the log.

          Read(X);

          write(X,7);

          X=(X*2)-(X%3);

          Abort;

4. How rollback is different from undo;

5. In a distributed system If user is not bothered about that on which platform he is working then it is called ---.

6. In the log we write only the New value for the ---------- operation

7. The person who updates the record in the last only his value is retained, this problem is called ----------------.

8. One copy of each replicated object is designated as the --------- primary copy. The remainder is all ------- copies.

9. The false statement is

   a) The tables combine to form a Tablespace

   b) The records combine to form tables

   c) The table spaces combine to form a database

   d) the database combine to form an instance

   e) one of above four is false

10. ---------- are used to write alerts.

11. What is a planned shutdown?

12. In case of vertical fragmentation it should be a ---------- decomposition.