

USCS304 DBMS SEM3 Questions for sample Question Bank

1) A transaction is a group of operations that acts a ____.

- a) single unit
- b) single module
- c) single container
- d) single box

2) ____ helps to maintain consistency in distributed environment.

- a) 2PC
- b) 2PL
- c) Timestamp
- d) Thomas Write Rule

3) Why DBMS needs a concurrency control?

- a) to implement Atomicity
- b) to implement Consistency
- c) to implement Isolation
- d) to implement Durability

4) What is an Aries algorithm?

- a) recovery algorithm

- b) locking protocol
- c) scheduling algorithm
- d) processing algorithm

5) Which checkpoint is need to created to avoid subsequent restarts?

- a) begin checkpoint
- b) fuzzy checkpoint
- c) end checkpoint
- d) dummy checkpoint

6) By using which clause, the mode is OUT, so you cannot specify a parameter mode for output bind arguments?

- a. USING Clause
- b. RETURNING INTO Clause
- c. Both A & B
- d. None of the above

7) What is the maximum number of triggers that can apply to a single table?

- a. 14
- b. 10

c. 12

d. 16

8) In which mode parameter lets you pass values to the subprogram being called? It cannot be assigned a value.

a. Using the IN mode

b. Using the OUT mode

c. Both A & B

d. None of the above

9) Indexing can be of the following _ types

a. 1

b. 2

c. 3

d. 4

10) _____ Index helps in breaking down the index into several smaller indices in order to make the outermost level so small that it can be saved in a single disk block, which can easily be accommodated anywhere in the main memory.

a. Dense

b. Sparse

c. Multilevel

d. B+