



Etablissement Inter – Etats d'Enseignement Supérieur
CENTRE D'EXCELLENCE TECHNOLOGIQUE PAUL BIYA
BP: 13719 Yaoundé (Cameroun) Tel. (237) 22 72 99 57

Option: Software Engineering
Subject: Distributed Databases
Duration: 1 h

Level: 3
Period: .../06/2021
Teacher: NDOUMI NYNKE François

Passing Exam

EXERCISE: Multiple Choice Question (20 marks)

NB : Every question have only one right/true proposition(choice) (Right answer= 1mark, Bad answer= -0,5mark, No answer= 0mark)

1. Which of the following would improve the availability of resources especially for reading in a distributed database system?
 - A. Fragmentation of database
 - B. Replication of database.
 - C. Defragmentation of database
 - D. Tuning of database
2. Some of the columns of a relation are at different sites is which of the following?
 - A. Data replication
 - B. Horizontal partitioning
 - C. Vertical partitioning.
 - D. Horizontal and vertical partitioning
3. An autonomous homogeneous environment in which of the following?
 - A. The same dbms is at which node and each dbms works independently.
 - B. The same dbms is at each node and a central dbms coordinate database access
 - C. A different is at each node and each dbms works independently
 - D. A different dbms is at each and a central dbms coordinates database access
4. A distributed database is which of the following?
 - A. A single logical database that is spread to multiple locations and is interconnected by a network.
 - B. loose collection of file that is spread to multiple locations and is interconnected by a network
 - C. A single logical database that is limited to one location.
 - D. A loose collection of file that is limited to one location.
5. Reliability and availability of a “Centralized Data Allocation” method is _____ when compared to a “Completely Replicated Data Allocation”.
 - A. Highest
 - B. Average