

LAGOS CITY POLYTECHNIC, IKEJA
SCHOOL OF ENGINEERING AND APPLIED SCIENCE
DEPARTMENT OF COMPUTER SCIENCE
2015/2016 SEMESTER EXAMINATION

COURSE TITLE: DATABASE DESIGN II	NO OF QUESTION : 5
COURSE CODE: COM 322	TIME ALLOWED: 2 HRS
FOR WHOM: HND YR II CS	INSTRUCTIONS:
ANSWER ANY FOUR	

QUESTIONS

1.
 - (a) Define OODBMS
 - (b) State the advantages of OODBMS
 - (c) Briefly explain the set of properties that guarantee reliability in the processing of Database transaction.

2.
 - (a) What is Concurrency Control?
 - (b) List 3 potential problems which should be addressed by successful Concurrency Control.
 - (c) Explain the two main types of Locks.

3.
 - (a) Explain the term Deadlocks.
 - (b) What is Database recovery?
 - (c) State the failures that could make the DBMS require recovery.

4.
 - (a) What is Data Warehouse?
 - (b) State the characteristics of a data warehouse asset forth by William Inmon.
 - (c) State the uses of Data mining.

5. Discuss Database security and integrity violation.