



**NATIONAL OPEN UNIVERSITY OF NIGERIA**  
**PLOT 91 CADASTRAL ZONE, NNAMDI AZIKIWE EXPRESSWAY, JABI, ABUJA**  
**FACULTY OF SCIENCES**  
**DEPARTMENT OF COMPUTER SCIENCE**  
**OCTOBER, 2019 EXAMINATIONS**

**COURSE CODE: DAM401**

**COURSE TITLE: ORACLE APPLICATIONS**

**CREDIT: 2 UNITS**

**TIME ALLOWED: 2 HOURS**

**INSTRUCTION: ANSWER QUESTION 1 AND ANY OTHER THREE (3) QUESTIONS**

- 1a) List the types of PL/SQL object. *(2½ marks)*
- b) What is Operating System Blocks? *(3 marks)*
- c) As a Database Administrator (DBA), what measures will you take to ensure maximum recoverability for a database? *(4 marks)*
- d) What do you understand by ad-hoc reports? *(2½ marks)*
- e) Identify the various steps that must be followed in creating a database in correct order. *(5 marks)*
- f) In the context of Oracle Database, relate Responsibility and its access? *(5 marks)*
- g) Evaluate the basic characteristics of database? *(3 marks)*

2a) A RDBMS makes use of SQL which is actually a collection of several different languages each designed for a particular purpose. List and write short notes on each of these languages stating at least two statements of each. *(9 marks)*

b) What is an Object Namespace? Identify any eight objects that share the same namespace. *(6 marks)*

3a) Briefly discuss Instance Failure *(5marks)*

b) Analyse the responsibilities of an Oracle Database Administrator. *(6 marks)*

c) Storage in an Oracle database has two distinct “sides”. Name and describe them. *(4marks)*

4a) Determine the key elements that can be discerned in the model of Oracle storage. *(8 marks)*

b) Write extensively on Datafiles. *(5 marks )*

c) What is Block Corruption? *(2 marks)*

5a) Compare Distributed transactions and Read committed transactions. *(3 marks)*

b) Describe Transaction Set Consistent in Oracle Database. *(2 marks)*

c) All schema object names have some certain rules that they must conform to. List these rules. *(5 marks)*

d) Discuss Database Blocks *(5 marks)*