UNIVERSITY OF AGRICULTURE ABEOKUTA
COLLEGE OF NATURAL SCIENCES
DEPARTMENT OF COMPUTER SCIENCE
FIRST SEMESTER EXAMINATION (2009/2010 SESSION)
COURSE TITLE: COMPUTER CENTRE MANAGEMENT
COURSE CODE: CSC 317   UNIT: 2   TIME ALLOWED: 2 HOURS

INSTRUCTIONS: Answer FOUR questions, two questions from each section.

SECTION A

1. (a) Explain in details the two types of Computer Centre.

   (b) Mention any five naming convention of Computer Centre and their responsibility

2. Discuss in details the five types of Management Information System

3. (a)   Write five responsibilities for each of the following personnel's in Computer Centre

   (i)   System Analyst

   (ii)   Programmer

   (b)   Outline any five factors to be considered when installing Computer System

SECTION B

4. Meeting the performance requirements on a real-time system production required accurate decisions, modeling techniques and performance metrics. As a designer, what are

   (a) the techniques used to model system performance?

   (b) the monitoring techniques for obtaining performance information?

   (c) the limitations experienced when observing the system?

5. An effective system requires a steady backup processing alternatives and good plan. For the security and cost effectiveness of the laboratory under care, briefly discuss the followings:

   (a) Contingency planning

   (b) Five actions that are necessary to develop a successful backup processing strategy

   (c) Backup alternative considered the best for the laboratory and why?

6. Equipment selection process complements the basic system design of a production based Computing Centre. As a processing committee member, present a simple report on

   (a) Two basic methods of selecting equipment

   (b) Steps involved in equipment selection

   (c) Implications of bad equipment selection process