

## NATIONAL OPEN UNIVERSITY OF NIGERIA

Plot 91, Cadastral Zone, Nnamdi Azikiwe Express Way, Jabi - Abuja FACULTY OF MANAGEMENT SCIENCES
2020 1 EXAMINATION

**COURSE CODE: BUS 401** 

COURSE TITLE: MANAGEMENT INFORMATION SYSTEM

**CREDIT UNIT: 3** 

**INSTRUCTION: 1. Indicate your Matriculation Number clearly** 

- 2. Attempt question one (1) and any other three (3) questions; four questions in all
- 3. Question one (1) is compulsory and carries 25 marks, while the other questions carry 15 marks each.
- 4. Present all your points in a coherent and orderly Manner

TIME ALLOWED: 3 HRS

- **1a)** The computer processes data by performing five main operations. Discuss these five operations. (**10marks**)
- **1b** Enumerate and describe the different generations of computing devices. (**10marks**)
- c) Briefly explain the two main categories of Software (5marks)
- **2a)** Identify and describe 4 input devices you expect to find in a university examination processing IT centre (**8marks**)
- **2b**) Explain the three parameters you may consider in measuring the performance of a storage device (**7marks**)
- 3a) Discuss four common ways of file organization and access you know (12marks)
- **3b)** What are the two major Problems associated with the Traditional File System (3marks)
- 4a) Write short notes on the four major database models (12marks)
- **4b**) Briefly describe a Supercomputer (**3marks**)
- **5a)** With the aid of a diagram, explain the operations of a simple open loop control system

(10marks)

- **5b)** Give a brief history of Electronic Commerce (**5marks**)
- **6a**) Critically evaluate the performance of Indian Plans for Economic Development in the light of the basic objectives of the plans (**10marks**)
- **6b)** What is a Transaction Processing System? (**5marks**)