



NATIONAL OPEN UNIVERSITY OF NIGERIA
PLOT 91, CADASTRAL ZONE, NNAMDI AZIKWE EXPRESSWAY, JABI-ABUJA
FACULTY OF EDUCATION

2025_1 EXAMINATION...

COURSE CODE: EDA842

COURSE TITLE: APPLICATION OF MANAGEMENT INFORMATION SYSTEMS (MIS) IN EDUCATION

CREDIT UNIT: 3

TIME ALLOWED: 3 HOURS

INSTRUCTIONS: ANSWER QUESTION 1 & ANY OTHER THREE (3) questions

1. Mr. Adewale has just been appointed as the principal of a secondary school where he is expected to coordinate human and material resources to achieve the school's vision. a. Describe five functions of information that will assist him in fulfilling his responsibilities. (15 marks)

b. Explain four forms of information that Mr Adewale will require to function effectively in his new role. (10 marks)

2. A computer is a system that relies on different software to enable the interaction between hardware and software components. a. Distinguish between system software and application software concerning computer operations. (5 marks)

b. Discuss five key factors that must be considered when designing a Management Information System (MIS) for effective organizational operations. (10 marks)

3. Access to quality information for effective decision-making is a major requirement for a successful school administration. You have just been appointed as a principal of a school in your community. Analyze five attributes of good information that will assist you in the decision-making process. (15 marks)

4a. Differentiate between Management Information System and Database Management System in the context of a computer operating system. (5 marks)

b. In the Microsoft Excel environment, explain the following terms:

i. Workbook

ii. Worksheet

iii. Cell

iv. Range (10 marks)

5. The Management Information System (MIS) plays a vital role in helping managers make accurate decisions. Bearing this in mind, analyze five critical steps to success when using MIS to facilitate decision-making in a school system. (15 marks)