



ELIZADE UNIVERSITY

ILARA-MOKIN

FACULTY: BASIC AND APPLIED SCIENCES
DEPARTMENT: MATHEMATICS AND COMPUTER SCIENCE
2nd SEMESTER EXAMINATION
2015 / 2016 ACADEMIC SESSION

COURSE CODE: CSC 414

COURSE TITLE: Management Information System (MIS)

COURSE LEADER: Dr. Kehinde Agbele

DURATION: 2 ½ Hours

HOD's SIGNATURE

A handwritten signature in black ink, appearing to be "A. Agbele", written over the printed text "HOD's SIGNATURE".

INSTRUCTION:

The paper will contain SIX Questions. You should answer FOUR Questions.
For each Question 15 marks are available. There are 60 marks in total for the exam paper; each question will be marked out of 15. The exam paper is worth 60% of the overall mark for MANAGEMENT INFORMATION SYSTEMS.

Students are warned that possession of any unauthorized materials in an examination is a serious offence

1. (a) Discuss the definitions of the following in the context of management information systems. (i) Information system (ii) Management (iii) Business (iv) Managers (v) Knowledge
6 Marks
- (b) Discuss the roles played by these stakeholders in an information system development.
(i) Programmers (ii) Chief information officer (iii) Information system managers, and
(iv) System analyst
4 Marks
- (c) What is the role of Information systems function in a business?
5 Marks
2. (a) Explain how competing on a global scale and promoting quality can enhance competitive advantage?
5 Marks
- (b) How do information systems help businesses use synergies, core competencies, and network-based strategies to achieve competitive advantage.
5 Marks
- (c) How do the value chain and value web models help businesses identify opportunities for strategic information system applications?
5 Marks
3. (a) Describe how information systems can help people working individually and in groups make decisions more effectively.
5 Marks
- (b) What are the business benefits of using intelligent techniques in decision making and knowledge management?
5 Marks
- (c) What types of systems are used for enterprise-wide knowledge management, and how do they provide value for businesses?
5 Marks
4. (a) Explain the core problem-solving steps for developing new information systems.
6 Marks
- (b) Describe the alternative methods for building information systems.
5 Marks
- (c) Explain the principal methodologies for modelling and designing systems.
4 Marks
5. (a) How should information systems project be managed?
6 Marks
- (b) How should information systems project be selected and evaluated?
4 Marks
- (c) What are the different types of decisions and how does the decision making process work?
5 Marks
6. (a) Explain the role of information policy and data administration in the management of organizational data resources?
5 Marks
- (b) Why is data quality assurance so important for a business?
5 Marks
- (c) What are the principles of a database management system?
5 Marks