



MUEO

MOI UNIVERSITY

**OFFICE OF THE DEPUTY VICE CHANCELLOR, ACADEMIC AFFAIRS,
RESEARCH & EXTENSION**

UNIVERSITY EXAMINATIONS 2016/2017 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS

**FOR THE DEGREE OF
BACHELOR OF BUSINESS MANAGEMENT**

EXAM CODE:- BBM 220

COURSE TITLE:- MANAGEMENT INFORMATION SYSTEM

DATE:- 8TH DECEMBER, 2016 TIME:- 9.00A.M – 12.00NOON.

INSTRUCTION TO CANDIDATES

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**BBM 220: MANAGEMENT INFORMATION SYSTEM
END OF SEMESTER EXAMINATION**

Answer questions one and any other three

Question One (25 Marks) Compulsory

- a. To understand information systems a manager must understand the broader organization, its dimensions to systems and its power to provide solutions to challenges and problems in the businesses environment” Assess the key organization elements that influence implementation and use of information systems [5 marks]
- b. Discuss the typical characteristics that every information system must possess. [5 marks]
- c. Discuss the requirements of an effective MIS. [5 marks]
- d. Explain the components that make up an information system. [5 marks]
- e. Discuss the factors that determine the structure of an information system. [5 marks]

Question Two (15 Marks)

- a. Management Information Systems should facilitate decision-making at all levels of management. Each level requires information with different characteristics and with differing degree of profitability.

Required:

Examine the characteristics of information used in:

- i. Strategic planning [3 marks]
- ii. Operational control. [2 marks]
- b. Examine the contribution of information systems in decision-making or problem solving process. [5 marks]
- c. Discuss the challenges facing managers regarding use of information systems: [5 marks]

Question Three (15 Marks)

- a. What is database technology? Explain the concept behind database and its importance in an information system. [6 marks]
- b. Examine any FOUR security threats that could regularly affect the information systems in business organizations. [4 marks]

- c. Discuss the concept and rationale behind system development life cycle. [5 marks]

Question Four (15 Marks)

- a. Discuss following types of information systems in business. [2 marks]
- i. Decision support systems
 - ii. Executive information systems
- b. Discuss the scope and the domain of MIS (management information system). [4 marks]
- c. Discuss the traditional computer based technologies that has been utilized. [4 marks]
- d. Explain how computer network design is a key business decision as well as a technology decision. [5 marks]

Question Five (15 Marks)

- a. Discuss the services provided by internet to any typical organization. [7 marks]
- b. Discuss the risks of using ICT as a strategic resource. [8 marks]

Question Six (15 Marks)

- a. An organization wishes to procure an information system for use. Assuming you are the CEO, explain the qualities that you will consider to procure the information system. [8 marks]
- b. Discuss the strategic role of information systems and IT in business organization in the current world. [7 marks]