(Knowledge for Development)

KIBABII UNIVERSITY
(KIBU)
UNIVERSITY EXAMINATIONS
2021/2022 ACADEMIC YEAR

END OF SEMESTER EXAMINATIONS
YEAR ONE SEMESTER ONE EXAMINATIONS

FOR THE DEGREE OF MASTERS OF BUSINESS ADMINISTRATION
(MBA)

COURSE CODE: MBA 805

COURSE TITLE: MANAGEMENT INFORMATION SYSTEMS

DATE: 30/09/2022   **TIME: 2.00 P.M. - 5.00 P.M.**

INSTRUCTIONS TO CANDIDATES
ANSWER QUESTION ONE AND ANY OTHER TWO QUESTIONS

QUESTION ONE (20 MARKS) [COMPULSORY]

a. Evaluate the role of information systems in today's competitive business environment. **[2 Marks]**

b. Describe any three types of functional systems and explain how they support managers and workers at the operational level. **[10 Marks]**

c. Discuss how Porter's competitive forces model helps companies develop competitive strategies using information systems. **[8 Marks]**

QUESTION TWO (20 MARKS)

a. Discuss any three organisational strategies that are supported by Strategic information systems. **[6 Marks]**

b. Describe any four uses of Strategic Information Systems in an organisation. **[10 Marks]**

c. Outsourcing can be defined as the process of turning partially or fully an organisation's IT services to external entities. Discuss the key drivers to outsourcing. **[4 Marks]**

QUESTION THREE (20 MARKS)

a. The systems development life cycle (SDLC) is a model that outlines the stages in the development of a system. It acts as a guideline for system development. Use a well labelled diagram to describe the key stages of SDLC. **[6 Marks]**

b. Describe the major challenges facing IS project management. **[4 Marks]**

c. Information security model is made up of the three main components. Discuss these components in relation to IS security. **[6 Marks]**

d. Explain why managers should pay attention to business processes. **[4 Marks]**

QUESTION FOUR (20 MARKS)

a. Explain four areas of feasibility study in SDLC. **[8 Marks]**

b. Explain security issues associated with computer networks. **[4 Marks]**

c. The business process must be constantly evaluated to meet the demand and expectations of the evolving society. It designs the workflows and analyses the business processes within an organization. Discuss the benefits a business organisation can achieve with Business Process Re-Engineering. **[8 Marks]**

QUESTION FIVE (20 MARKS)

a. Explain how enterprise applications promote business process integration and improve organizational performance. **[6 Marks]**

b. Evaluate the challenges of managing IT infrastructure and management solutions. **[6 Marks]**

c. Systems approach gives insights into each component's workings and helps see its contribution to the overall system. Describe the factors in systems approach. **[8 Marks]**