



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS
DEPARTMENT OF INFORMATION SYSTEMS AND TECHNOLOGY
UNIVERSITY EXAMINATION FOR THE DEGREE OF
BACHELOR OF ARTS IN SPATIAL PLANNING
3rd YEAR 1st SEMESTER 2024/2025 ACADEMIC YEAR
MAIN CAMPUS

COURSE CODE: ITB 9206

COURSE TITLE: Management Information Systems

EXAM VENUE:

STREAM:

DATE: DECEMBER 2024

EXAM SESSION:

TIME: 2.00 HOURS

INSTRUCTIONS

- 1. Answer QUESTION ONE (Compulsory) and ANY other TWO questions**
- 2. Candidates are advised not to write on the question paper**
- 3. Candidates must hand in their answer booklets to the invigilator while in the examination room**
- 4. No mobile devices (e.g. laptops, phones. e.t.c.) are allowed into the Examination Room**

QUESTION ONE**(30 MARKS)**

- a) Information systems are too important to be left to computer specialists. Do you agree? Why or why not? (10 Marks)
- b) Identify the steps that are performed in the process of selecting and checking out a book from JOOUST university library and the information that flows among these activities. Diagram the process. Are there any ways this process could be changed to improve the performance of your library? Diagram the improved process. (20 Marks)

QUESTION TWO**(20 MARKS)**

- a) What are some of the issues to consider in determining whether the Internet would provide your business with a competitive advantage? (5 Marks)
- b) Discuss five Moral Dimensions of the Information Age. (5 Marks)
- c) Should producers of software-based services, such as ATMs, be liable for economic injuries suffered when their systems fail? (10 Marks)

QUESTION THREE**(20 MARKS)**

- a) What are the advantages and disadvantages of cloud computing? (10 Marks)
- b) What are the consequences of an organization not having an information policy? (10 Marks)

QUESTION FOUR**(20 MARKS)**

- a) It has been said that within the next few years, smartphones will become the single most important digital device we own. Discuss the implications of this statement. (10 Marks)
- b) Security isn't simply a technology issue, it's a business issue. Discuss. (10 Marks)

QUESTION FIVE**(20 MARKS)**

- a) If a company wants to implement an enterprise application, it had better do its homework. Discuss the implications of this statement. (10 Marks)
- b) Your lecturer came across the following signpost:



Considering the signpost, you are required to clearly explain Airbnb’s business model, including how it functions as a platform connecting hosts and guests, how it generates revenue, and the role of technology in its operations. Also, discuss how management information systems (MIS) are integral to Airbnb's success by enhancing operational efficiency, data management, customer experience, and decision-making. (10 Marks)

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