



JARAMOGI OGINGA ODINGA UNIVERSITY OF SCIENCE AND TECHNOLOGY
SCHOOL OF INFORMATICS AND INNOVATIVE SYSTEMS
UNIVERSITY EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN
INFORMATION COMMUNICATION TECHNOLOGY
YEAR 4, SEMESTER 1
2024/2025 ACADEMIC YEAR
MAIN CAMPUS

COURSE CODE: ITB 1407

COURSE TITLE: ICT Policy and Strategic Planning

VENUE: LAB 15

STREAM: ICT

DATE: 7/1/25

EXAM SESSION: 9-11.00 AM

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) Mobile phones are NOT allowed in the examination room.**

QUESTION ONE (30 MARKS)

- a) What is ICT strategy plan? (2 Marks)
- b) Discuss any five examples of IT strategies (10 Marks)
- c) Explain what you understand with the following terms
 - i) Policy (2 Marks)
 - ii) Strategy (2 Marks)
 - iii) Programme (2 Marks)
 - iv) Project (2 Marks)
- d) Briefly discuss the need for ICT and internet policies and explain why as citizens, we should care about them. (8 Marks)
- e) Explain how can you as JOOUST student embrace Emerging Technologies (2 Marks)

QUESTION TWO (20 MARKS)

- a) Discuss the Four Pillars of Corporate Strategy (8 Marks)
- b) Explain any four of ICT security procedures that you know (8 Marks)
- c) What is ICT governance policy? (4 Marks)

QUESTION THREE (20 MARKS)

- a) Strategy evaluation requires a strong and confident leadership with a clear sense of what need to be done. Explain the strategy execution process. (10 Marks)
- b) Draw the ICT Strategy Pyramid and briefly explain each level of pyramid hierarchy (10 Marks)

QUESTION FOUR (20 MARKS)

- a) What are the three pillars of ICT? Discuss. (6 Marks)
- b) Globally, IT has become ubiquitous and is almost a key driver in every sector. There are however, contrasting policy issues as regards to the different countries (developed and developing). Identify SIX *Contrasting ICT Policy Issues* for the developed and developing countries. (6 Marks)
- c) Explain some of the benefits of aligning IT with business strategy (8 Marks)

QUESTION FIVE (20 MARKS)

- a) Discuss the ICT governance policy components (10 Marks)
- b) Explain The four main types of public policy that you are aware of. (8 Marks)
- c) Explain what you understand by word “strategic ICT management” (2 Marks)