



# **MAASAI MARA UNIVERSITY**

**REGULAR UNIVERSITY EXAMINATIONS**

**2023/2024 ACADEMIC YEAR**

**THIRD YEAR FIRST SEMESTER**

**SCHOOL OF EDUCATION**

**COURSE CODE: ECI 3108-1**

**COURSE TITLE: INTEGRATION OF ICT IN  
EDUCATION**

**DATE:**

**TIME:**

---

**INSTRUCTIONS TO CANDIDATES**

*This paper consists of **TWO** printed pages. Please turn over*

Answer Question **ONE** and any other **TWO** questions

### **QUESTION ONE (Compulsory)**

- a) Identify 5 types of Open and Distance Learning (ODL). **(10 Marks)**
- b) Discuss 5 barriers to effective utilization of Open Education Resources. **(10 Marks)**

### **QUESTION TWO**

- a) Giving examples, explain 5 ways in which use of spreadsheets can be integrated in education. **(10 marks)**
- b) A teacher was looking for open education resources (OER) to upload in a Learning Management System for her students. What five considerations would help the teacher to select suitable OERs for the intend purpose. **(5Marks)**

### **QUESTION THREE**

- a) Explain the meaning of authoring tools in the context of online learning and give four examples of authoring tools. **(10 marks)**
- b) Explain the term flipped classrooms and demonstrate how you can implement a flipped classroom strategy. **(5 marks)**

### **QUESTION FOUR**

- a) Sketch the icons that represent the following creative common licenses.
- i. No Rights Reserved
  - ii. Attribution-Share Alike
  - iii. Attribution-Noncommercial. **(5 Marks)**
- b) Identify and explain 5 life skills that are considered to be important for helping learners to deal with technology in the 21<sup>st</sup> Century. **(10 Marks)**

### **QUESTION FIVE**

- a) Explain 5 characteristics of the 21<sup>st</sup> Century learners that would make them readily adopt Open and Distance Learning. **(10 Marks)**
- b) Identify any five characteristic of a student who is facing online abuse. **(5 Mark)**