



MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS

2023/2024 ACADEMIC YEAR

THIRD YEAR FIRST SEMESTER

SCHOOL OF EDUCATION

COURSE CODE: ECI 3120-1

**COURSE TITLE: SPECIAL METHODS IN
COMPUTER STUDIES**

DATE:

TIME:

INSTRUCTIONS TO CANDIDATES

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

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

QUESTION ONE (Compulsory)

- a) Discuss 5 implications of the dynamic view to teaching of computer studies in secondary schools in Kenya. **(10 Marks)**

Explain how a computer studies teacher can help learners to master any 5 science process skills. **(10 Marks)**

QUESTION TWO

- a) Giving an example in each case, explain the meaning of the following terms as applied in teaching and learning of computer studies:
- i. Learner Centered Education
 - ii. Inclusive Education
 - iii. Developmentally appropriate Curriculum
 - iv. Responsive curriculum
 - v. Research Based Education

(10 Marks)

- b) Explain 5 ways in which learning of computer studies has contributed to the achievement of education goals in Kenya.

(5 Marks)

QUESTION THREE

A teacher is planning to teach **Components of a Computer** in her next lesson.

- a) Based on the Maasai Mara University lesson plan format, develop a 40 minutes lesson plan to teach the topic. **(10Marks)**
- b) Explain 5 ways that the teacher would use to introduce a computer studies lesson to her learners. **(5marks)**

QUESTION FOUR

a) Discuss any five challenges associated with use of computers in education.

(5 Marks)

b) Discuss way 5 reasons why teaching of computer studies in schools is necessary in the 21st Century.

(10 Marks)

QUESTION FIVE

a) Explain 5 reason why it is important for computer studies teachers to prepare scheme of work in planning for instruction.

(10 Mark)

b) Identify 5 disadvantages that are associated with use of Internet by students.

(5 Mark)