



GARISSA UNIVERSITY

UNIVERSITY EXAMINATION **2017/2018** ACADEMIC YEAR **ONE** **FIRST** SEMESTER EXAMINATION

SCHOOL OF EDUCATION ARTS AND SOCIAL SCIENCE

FOR THE DOCTOR OF PHILOSOPHY IN EDUCATIONAL
MANAGEMENT

COURSE CODE: EMP 902

COURSE TITLE: ICT IN EDUCATION

EXAMINATION DURATION: 3 HOURS

DATE: 27/04/18

TIME: 08.00-11.00 AM

INSTRUCTION TO CANDIDATES

- The examination has FIVE (5) questions
- Question ONE (1) is COMPULSORY
- Choose any other THREE (3) questions from the remaining FOUR (4) questions
- Use sketch diagrams to illustrate your answer whenever necessary
- Do not carry mobile phones or any other written materials in examination room
- Do not write on this paper

This paper consists of TWO (2) printed pages

please turn over



QUESTION ONE (COMPULSORY)

- (a) Briefly discuss the implications of the use of laptops by pupils in the first year of primary education. **[10 marks]**
- (b) How can county government utilize policy to enhance integration of ICT in primary schools? **[10 marks]**
- (c) Briefly explain how the following can be used for curriculum management in educational institutions.
- i. Computer networking **[3 marks]**
 - ii. Storage devices **[3 marks]**
 - iii. Electronic library **[4 marks]**

QUESTION TWO

- (a) Explain the socio-economic and pedagogical rational for ICT integration in schools. **[8 marks]**
- (b) Explain four challenges in integrating ICT into the Kenya Education System. **[7 marks]**

QUESTION THREE

- (a) Outline the usefulness of using records management computer to manage organizational information. **[5 marks]**
- (b) Discuss the role of Management Information Systems (MIS) as managerial duties **[10 marks]**

QUESTION FOUR

- (a) Explain the uses of ICTs in the decision – making processes of education officials. **[5 marks]**
- (b) Discuss the influence of education policy in Kenya on the use of ICT to manage education institution. **[10 marks]**

QUESTION FIVE

- (a) Explain what you understand by knowledge economy. **[5 marks]**
- (b) Describe how Kenya as a regional and a financial hub of the East and Central Africa region, has competitive advantage as an ICT investment destination. **[10 marks]**

