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**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)**

1. Briefly discuss the implications of the use of laptops by pupils in the first year of primary education. **[10 marks]**
2. How can county government utilize policy to enhance integration of ICT in primary schools? **[10 marks]**
3. Briefly explain how the following can be used for curriculum management in educational institutions.
4. Computer networking  **[3 marks]**
5. Storage devices **[3 marks]**
6. Electronic library **[4 marks]**

**QUESTION TWO**

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

**QUESTION THREE**

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

**QUESTION FOUR**

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

**QUESTION FIVE**

1. Explain what you understand by knowledge economy. **[5 marks]**
2. 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]**