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**GARISSA UNIVERSITY**

**UNIVERSITY EXAMINATION 2020/2021 ACADEMIC YEAR ONE**

**SECOND SEMESTER EXAMINATION**

**SCHOOL OF PURE AND APPLIED SCIENCES**

**FOR THE DEGREE OF BACHELOR OF INFORMATION SCIENCE**

**COURSE CODE: INS 111**

**COURSE TITLE: INTRODUCTION TO INFORMATION SCIENCES**

**EXAMINATION DURATION: 2 HOURS**

**DATE: 16/08/2021 TIME: 12.00-2.00 PM**

**INSTRUCTION TO CANDIDATES**

* **The examination has FIVE (5) questions**
* **Question ONE (1) is COMPULSORY**
* **Choose any other TWO (2) 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. Discuss any five contributions of Information Science in the Society (20 Marks)
2. Using a diagram explain the information pyramid (6 Marks)
3. State any four characteristics of information (4 marks)

**QUESTION TWO**

1. Using a diagram explain the major categories of communication models (8 marks)
2. Explain any six barriers to effective communication process. (12 marks)

**QUESTION THREE**

1. Explain any three class of vehicles for information carriage (8 Marks)
2. With the help of a table, explain the main processes of Information Transfer Cycle. (12 Marks)

**QUESTION FOUR**

1. Analyze the historical development of information science as a discipline (8 Marks)
2. Discuss any six subjects that exhibit interdisciplinary relations with Information Science (12 Marks)

**QUESTION FIVE**

Identify and explain the different types of professional organization in the following discipline

1. Librarianship (5 Marks)
2. Publishing and Media studies (5 Marks)
3. Information technology (5 Marks)
4. Records and archives management (5 Marks)