MAASAI MARA UNIVERSITY

REGULAR UNIVERSITY EXAMINATIONS
2018/2019 ACADEMIC YEAR

SECOND YEAR SEMESTER ONE EXAMINATION FOR THE DEGREE OF BACHELOR OF INFORMATION SCIENCES

COURSE CODE: INS 1104

COURSE TITLE: INTRODUCTION TO INFORMATION SCIENCES

DATE: 7ᵀᴴ, DECEMBER, 2018   **TIME: 0830 – 1030 HRS**

INSTRUCTIONS TO CANDIDATES   **(38 candidates)**

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

This paper consists of 2 printed pages. Please turn over.

Question 1 Define the following terms:

Question 1a) Archives   **(4 marks)**

Question 1b) Library   **(4 marks)**

 Question 1c) Name disciplines centered around information   **(4 marks)**

Question 1d) State the Five Laws of the Web   **(4 marks)**
Question 1e) Restate with focus on information, the Five Laws   **(4 marks)**

Question 1f)   The concept of information is central to information science field. Drawing from multiple viewpoints and approaches as presented throughout your program IIS, define information . Your response should demonstrate consideration of multiple viewpoints, reflecting, at minimum, the definitions put forth by at least **three** or more information science researchers.   **(10 marks)**

Question 2a   As a student in this program(IIS), you have learned fundamental theories, models and conceptual frameworks developed in information sciences or related fields. Discuss its significance in shaping the professional standards in the information fields   **(8 marks)**

Question 2b.   Access to information through a hand-held, mobile device presents new ways through which users find, use and share digital resources. Describe   **TWO** ways in which you have experienced this shift in your work, school and/or home life, whether through direct personal experience or observation.   **(6 marks)**

Question 2c. Address if and how information is distinguished from data, knowledge, and wisdom, and provide definitions of these **three** terms using viewpoints put forth by one or more researchers in information science or related fields.   (**6 marks)**

Question 3 a**)** The 21st century world is arguably overloaded with information sources and authors suggest that information professionals may be among the last sources consulted. One way to stay relevant is to "add value" to new or existing information products.

Choose an information environment (public/academic/ school library / Documentation or other information center), and briefly describe specific information professional role for yourself (librarian, archivist, indexer, business intelligence officer, document analyst, etc.) as well as the characteristics of information users in that environment. (**10 marks)**

Question 3 b) Explain the simplified model of information transfer derived from Shanon Weaver theory **(10 marks)**

OR

Question 3 c) Discuss **three** ways (including specific products, if applicable) that you as an information professional can add value for your users. How does technology help or hinder your ability to add value? **(10 marks)**

Question 4a) Describe a particular type of information environment based on your own professional interests. This may be a public library, an academic library, a special library, a school library, an archive, a data center, or other type of organizational setting where information management is a vital activity. (**8 marks)**

Question 4b) Access to information and data by mobile devices owners is shifting the way users find and use digital resources. Discuss any **two** key challenges faced by librarians or other information professionals in meeting this shift. (**8 marks)**

Question 4c) List three broad groups under which information properties are studied and state **five** of these properties. **(4 marks)**

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