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**KIRIRI WOMENS' UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**UNIVERSITY EXAMINATIONS, 2024/2025 ACADEMIC YEAR**  
**FIRST YEAR, FIRST SEMESTER EXAMINATION**  
**FOR THE DEGREE OF BACHELOR OF SCIENCE IN COMPUTER SCIENCE**

**KLC 2107 INFORMATION LITERACY**

**Date: 9<sup>TH</sup> AUGUST, 2024**

**Time: 2:30 PM – 4:30 PM**

**INSTRUCTIONS TO CANDIDATES**

**ANSWER QUESTION ONE (COMPULSORY) AND ANY OTHER TWO QUESTIONS**

**QUESTION ONE: COMPULSORY (30 MARKS)**

(a) (i) Throughout history, the development of information has been intertwined with technological advancements, societal changes, and the evolution of communication methods. Each era has contributed to the accumulation, preservation, and dissemination of knowledge, shaping our understanding of the world and how we interact with information today especially in an academic environment. In view of this development, explain the meaning of information **(2 Marks)**

(ii) Assuming you are in KWUST library and your classmate has requested you to assist her in getting call numbers of some two titles using the OPAC to enable her identify the exact location on the shelves. Explain the process giving **TWO** examples of search engines. **(4 Marks)**

(b) As an information literate student, you are required to carry out research and prepare introductory notes on the following-:

- i. Print sources of information **(2 Marks)**
- ii. Electronic sources of information **(2 Marks)**
- iii. Primary sources of information **(2 Marks)**
- iv. Tertiary source **(2 Marks)**
- v. Documentary source **(2 Marks)**
- vi. Non-Documentary source **(2 Marks)**

(c) Information literacy has been recognized as an essential for navigating the complex information landscape of the modern world. Having gone through information literacy training, you have been given a research question on finding out how information literacy contributes to academic success and lifelong learning. In order to prepare a PowerPoint presentation, you are required to prepare an information literacy strategy. **(6 Marks)**

(d) What are the essential features of an effective library website, and how does these features enhance user experience and access to resources? **(6 Marks)**

**QUESTION TWO: (20 MARKS)**

a) How do information literacy and information technology differ in their roles and impact on accessing and using information effectively in today's digital age? **(6 Marks)**

- b) In order to access and get the most substantive information for your research and or study discipline from the library websites and databases (Internet), you are required to discuss the criteria used to evaluate the reliability and quality of information. **(6 Marks)**
- c) Conrad Gessner, a Swiss Physician and bibliographer, published “Bibliotheca Universalis” in 1545 which is considered one of the first modern bibliographies. The enlightenment and the subsequent rise of academic institutions led to more systematic approaches to bibliography. From this background, you are required to answer the following questions: -
- (i) Exemplify the meaning of bibliography **(2 Marks)**
  - (ii) Discuss the main types of bibliography explaining how they differ in terms of purpose, content and application **(6 Marks)**

### **QUESTION THREE: (20 MARKS)**

- a) i) Explain the meaning of “Sources of Information” **(2 Marks)**
- ii) In order to access primary sources of information, you may be faced with several challenges. Identify and discuss the problems of primary sources of information. **(4 Marks)**
- iii) Explain how the problems identified above can be solved **(4 Marks)**
- b) i) Outline **FIVE** functions of a bibliography **(5 Marks)**
- ii) Evolution of internet technology, has culminated into the development of new applications. Explain giving **FIVE** examples. **(5 Marks)**

### **QUESTION FOUR: (20 MARKS)**

- a) You have been selected to carry out research on Citation. In your report, you are expected to explain the meaning of citation describing at least **FOUR** reasons why it is important in an academic environment **(4 Marks)**
- b) Discuss how copyright law addresses the balance between protecting creators’ rights and promoting public access to information and culture **(4 Marks)**
- c) Digital technology threatens to undermine the distribution systems and increase unauthorized use of copyright works. Explain. **(3 Marks)**
- d) i) Give a detailed explanation of Plagiarism **(2 Marks)**
- ii) Discuss the consequences of students and professionals found guilty of plagiarism **(4 Marks)**
- e) Describe an internet as a source of information **(3 Marks)**

### **QUESTION FIVE: (20 MARKS)**

- a) Explore the meaning of the following:
  - i) E-mail **(2 Marks)**
  - ii) PDF File **(2 Marks)**
  - iii) A Blog **(2 Marks)**
- b) Give an explication of a library classification **(3 Marks)**
- c) Shapiro and Hughes developed seven dimensions of information literacy. Discuss **SIX** of the dimensions **(6 Marks)**
- d) Factual information is brief, straightforward & not indisputable. Outline **FIVE** sources where it can be found within a library **(5 Marks)**