



## **UNIVERSITY EXAMINATIONS**

**FIRST YEAR EXAMINATION FOR THE AWARD OF THE  
DEGREE OF BACHELOR OF INFORMATION SCIENCE**

**SECOND SEMESTER, 2023/2024**

**(AUGUST-DECEMBER, 2023)**

**INS 101: ORGANIZATION OF KNOWLEDGE: ONTOLOGY**

**STREAM: Y1S1**

**DAY: MONDAY, 3.00–5:00 PM**

**TIME: 2 HOURS**

**DATE: 4/12/2023**

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### **INSTRUCTIONS**

- 1. Do not write anything on this question paper.***
- 2. Answer Question ONE [Compulsory] and any other TWO Question***

### **QUESTION ONE**

- Explain the concept of ontology in relation to knowledge classification of library resource materials (5marks)
- Why is classification of information resources important for libraries and information centres. (10marks)
- Distinguish between division and assortment in classification according to Dr. Ranganathan library laws. (5marks)
- Explain three approaches used by information seekers when searching for information in library and other information centres (10marks)

### **QUESTION TWO: 20MKS**

- Distinguish between the following terms and phrases as used in classification
  - Enumerative and hierarchical classification (2marks)

- ii. The notation is an integral part of any classification schemes. Explain seven qualities of good notation (8marks)
- b) Explain seven reasons for the use of LCC scheme (library of congress classification scheme) by all university libraries in Kenya. (10marks)

**QUESTION THREE: 20MKS**

- a) With appropriate examples explain the process involved in classification of information source materials using library of congress classification schemes (10marks)
- b) Distinguish between pure and mixed notation (10marks)

**QUESTION FOUR: 20MKS**

- a) Discuss the main features of library of congress classification scheme (10marks)
- b) Discuss the library congress classification scheme systems clearly showing its features, strengths and weaknesses (10marks)

**QUESTION FIVE: 20MKS**

- a) Outline the functions and qualities of a good classification scheme (10marks)
- b) Explain the guidelines used in organizing information material in an information Centre (10marks)