



**NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**FACULTY OF COMMUNICATION AND INFORMATION SCIENCE**  
**DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE**

**MASTER OF SCIENCE DEGREE IN LIBRARY AND INFORMATION SCIENCE**  
**INFORMATION AND COMMUNICATION THEORY**

**ILI 5104**

**SECOND SEMESTER EXAMINATION PAPER**

**April 2016**

This examination paper consists of 2 pages

**Time Allowed:** 3 hours  
**Total Marks:** 100  
**Special Requirements:** None  
**Examiner's Name:** Ms. D.B. Mupambwa

**INSTRUCTIONS**

1. Answer any four (4) questions
2. Give equal time to all questions you choose
3. Each question carries 25 marks
4. Importance is attached to accuracy, clarity of expression and legible handwriting

**MARK ALLOCATION**

<b>QUESTION</b>	<b>MARKS</b>
1.	<b>25</b>
2.	<b>25</b>
3.	<b>25</b>
4.	<b>25</b>
5.	<b>25</b>
6.	<b>25</b>

- 1.1 Critique the assertion that knowledge is a 'justified true belief. [10 marks]
- 1.2 Discuss the various forms of knowing as contained in agreement and experimental realities. [15 marks]
2. Analyse the criteria for evaluating information and communication theories. [25marks]
3. Critically assess the strengths and weaknesses of technology based information media in relation to representation, storage and transmission of information. [25 marks]
4. Show how the usage of symbols facilitates communication on a global level. [25 marks]
5. Provide the rationale for studying information behaviour in various information organisations. [25 marks]
6. Being knowledgeable is a prerequisite in communication science. Discuss the factors that affect the state of knowing. [25 marks]