



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF
SCIENCE AND TECHNOLOGY
(MMUST)**

MAIN CAMPUS

**UNIVERSITY EXAMINATIONS (MAIN PAPER)
2023/2024 ACADEMIC YEAR**

FIRST YEAR FIRST SEMESTER EXAMINATIONS

**FOR THE DIPLOMA
IN
MEDICAL BIOTECHNOLOGY & MEDICAL LABORATORY
SCIENCES**

COURSE CODE: DMB/DML 116.

**COURSE TITLE: FUNDAMENTALS OF ACADEMIC &
SCIENTIFIC COMMUNICATION**

DATE: 7TH DECEMBER 2023

TIME: 2.00-4.00PM

INSTRUCTIONS TO CANDIDATES

This paper is divided into three sections, **A B** and **C**, carrying respectively: Multiple Choice Questions (**MCQs**), Short Answer Questions (**SAQs**) and Long Answer Questions (**LAQs**). Answer all questions. **DO NOT WRITE ON THE QUESTION PAPER**

TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating

This Paper Consists of 4 Printed Pages. Please Turn Over.

SECTION A: Multiple Choice Questions (20 Marks)

1. Communication involving use of visual representation of data that simplify complex concepts is referred to as _____ -
 - A. Social media
 - B. Television
 - C. Infographics
 - D. Graphic design
2. Which one of the following is not a form of mass communication?
 - A. Print media
 - B. Social media
 - C. Online media
 - D. Broadcast media.
3. Which one of the following fields does not require listening skills?
 - A. Conflict resolution
 - B. Building relationships
 - C. Instant messaging
 - D. Effective communication
4. Reactions such as anger and defensiveness that hinder effective listening are known as _____
 - A. Stereotypes
 - B. Emotional blocks
 - C. Rebuttal
 - D. Assumptions
5. Which among the following is not a barrier to effective lecture preparation ?
 - A. Laziness
 - B. Procrastination
 - C. Motivation
 - D. Overconfidence
6. Active learning is best described by _____
 - A. Assuming an upright posture while listening
 - B. Asking questions, taking notes and participating in class
 - C. Studying in groups rather than individually
 - D. Answering questions in class
7. The note-taking method that involves creating a visual representation of concepts is _____
 - A. Flow method
 - B. Outline method
 - C. Cornell method
 - D. Mind mapping
8. The note taking practice that helps one to capture key points is _____
 - A. Use of abbreviations
 - B. Reviewing and editing
 - C. Being selective
 - D. Staying organized
9. Active listening refers to _____
 - A. Refraining from interrupting the speaker

- B. Trying to understand the speaker's perspective and emotions
 - C. Engaging fully with the speaker via eye contact and body language
 - D. Repeating back what you have heard to confirm your understanding
10. Which quality is essential for fostering creative thinking?
- A. Rigidity and resistance to change
 - B. Embracing new ideas and perspectives
 - C. Confining oneself to traditional methods
 - D. Avoiding imaginative approaches
11. Which one of the following is not of importance in listening skills?
- A. Multitasking
 - B. Solving problems
 - C. Resolving conflicts
 - D. Building relationships
12. Preparation for a lecture does not entail-----
- A. Setting objectives-
 - B. Reviewing the syllabus
 - C. Listening passively
 - D. Preparing questions
13. Which among the following is not a strategy of critical thinking?
- A. Reflection
 - B. Prejudice
 - C. Discipline
 - D. Open-mindedness
14. Which method involves dividing paper into sections for taking notes, summaries, and questions?
- A. Outline Method
 - B. Mind Mapping
 - C. Cornell Method
 - D. Flow Method
15. What is the purpose of setting objectives before attending a lecture?
- A. To confuse the lecturer
 - B. To determine the most comfortable seat
 - C. To guide your focus and attention
 - D. To avoid active listening
16. What is the main benefit of using the Cornell Method of note-taking?
- A. Dividing notes into categories
 - B. Composing a narrative
 - C. Creating flow charts
 - D. Using abbreviations and symbols
17. Which barrier could hinder effective lecture preparation?
- A. Lack of motivation
 - B. Overconfidence in understanding the topic
 - C. Active participation
 - D. Preparing questions beforehand
18. What is the purpose of pre-reading material before a lecture?

- A. Avoiding engagement
 - B. Understanding the subject
 - C. Undermining the objectives
 - D. Dismissing the lecturer's efforts
19. What is a primary aspect of critical thinking?
- A. Rigid analysis and acceptance of information
 - B. Drawing conclusions without evidence
 - C. Evaluating the validity and credibility of information
 - D. Avoiding logical reasoning
20. What is a key step in problem-solving?
- A. Identifying issues but avoiding breaking problems into parts
 - B. Only generating one solution without evaluation
 - C. Evaluating and choosing among multiple solutions
 - D. Implementing a solution without considering effectiveness

SECTION B: Short Answer Questions (40 Marks)

1. Explain the importance of communication in healthcare (8marks)
2. Describe four types of non-verbal communication stating examples (8 marks)
3. Describe four note taking techniques (8 marks)
4. Outline eight approaches involved in creative thinking (8 marks)
5. List down four file organization methods (4 marks)
6. Briefly describe four principles of communication in healthcare (4 marks)

SECTION C: Long Answer Questions (60 Marks)

1. You have been appointed as the research coordinator of a group of scientists carrying out a study on spatial mosquito repellent. Outline the steps you would take to maximize your productivity and achieve your goals (20 marks)
2. Discuss the importance of preparing for lectures and various techniques used to effectively prepare for lectures. (20 marks)
3. Discuss the importance of listening skills, techniques of enhancing listening skills and barriers of effective listening (20 marks)