



(University of Choice)

**MASINDE MULIRO UNIVERSITY OF  
SCIENCE AND TECHNOLOGY**

**(MMUST)**

**MAIN CAMPUS**

**UNIVERSITY MAIN EXAMINATIONS**

**2022/2023 ACADEMIC YEAR**

**FIRST YEAR, SECOND SEMESTER EXAMINATIONS**

**FOR THE DEGREE**

**OF**

**BACHELOR OF SCIENCE IN OPTOMETRY AND VISION SCIENCES**

**COURSE CODE: BOV 110**

**COURSE TITLE: LEARNING STRATEGIES FOR OPTOMETRY**

**DATE: Friday, 21<sup>st</sup> April, 2023**

**TIME: 8:00 - 10.00AM**

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**INSTRUCTIONS TO CANDIDATES**

**Answer all Questions**

A separate booklet will be provided to write the answers.

**TIME: 2 Hours**

MMUST observes ZERO tolerance to examination cheating

## SECTION A: MULTIPLE CHOICE QUESTIONS (20 marks)

1. Which of the following is **not** an advantage of the discussion method of teaching?
  - A. Allows students to share ideas.
  - B. Inquiry – oriented.
  - C. Provides learner opportunity to acquire language
  - D. Increase learner participation.
  
2. Which of the following behavior is part of active listening?
  - A. Maintaining eye contact
  - B. Nodding and making eye contact
  - C. Asking for clarification
  - D. All the above
  
3. The goal of teaching is?
  - A. Give information
  - B. To involve pupils in activities
  - C. Desirable change in behavior
  - D. To impart knowledge
  
4. All of the following are true of informal learning **except**
  - A. It is planned learning that occurs without a formal classroom or teacher
  - B. It is unplanned learning that occurs without a formal classroom or teacher
  - C. It is a way of learning complex skills in the workplace
  - D. It is only helpful for learning simple skills in the workplace
  
5. A widely accepted method of note making is the
  - A. Johnson method
  - B. Cornell method
  - C. Carnegie method
  - D. Re-evaluating method
  
6. Teaching strategies refer to
  - A. Overall way in which the process of instruction is organized and executed
  - B. Teacher centered approach.
  - C. Student centered approach.
  - D. All of the above.
  
7. Simulation as a method of clinical teaching may
  - A. Be designed for formative evaluation.
  - B. Be valuable for evaluating critical thinking.
  - C. Be used for analysis of critical event.
  - D. All the above
  
8. An objective is referred to as specific because;

- A. It is classified.
  - B. It addresses a very specific area of content to be covered.
  - C. It is covered after a whole instructional entity.
  - D. All of the above.
9. What is the main goal of a formative assessment by use of a MCQ
- A. To assess how student are interpreting the concepts presented
  - B. To identify the weakest students for help
  - C. To measure the fraction of the class who understand the lesson
  - D. To inform the most effective way of continuing the lesson
10. Teaching involves a tirade of elements that is?
- A. The teacher and pupil
  - B. Subject matter
  - C. Both A and B
  - D. None of the above
11. A learning styles is:
- A. The type of material an individual prefers to learn
  - B. A strategy used by an individual to integrate new knowledge with that which has been already been acquired
  - C. A filter mechanism that inhibits the learning of certain material
  - D. None of the above
12. A student who complete the minimum tasks, memories what is needed for an exam and nothing more uses which type of learning approach?
- A. Surface approach
  - B. Deep approach
  - C. Multi-level approach
  - D. All the above
13. Identify the reason reasons why a student may fail to listen actively to a lecture.
- A. Use of traditional methods of teaching
  - B. Failure to ask the students questions
  - C. Destructions from the neighboring environment
  - D. All the above
14. Which type of learning strategy involves students and/or teacher taking on the behavior of a hypothetical or real personality in order to gain insight into the reactions and feelings of people in a situation?
- A. Discussion
  - B. Role play
  - C. Lectures
  - D. Skill practice
15. The following are non-verbal signs of active listening from a student **except**

- A. Lack of eye contact with the speaker
  - B. Sleeping or dozing off
  - C. Yawning
  - D. Nodding their head.
16. Learning is influenced by the following **Except**
- A. Motivation
  - B. Prior knowledge and experience,
  - C. Teachers involvement
  - D. Educational context and assessment
17. Which one of the following is an active learning activity?
- A. Brainstorming
  - B. Reading and writing
  - C. Visual
  - D. Speaking
18. Identify the teaching method where a **teacher** directs students to learn through memorization and recitation techniques thus not developing critical thinking problem solving and decision making skills.
- A. Traditional method
  - B. Teacher centered method
  - C. Lecture
  - D. Student centered method
19. A student with deep approach to learning
- A. Aims to understand meaning of subject.
  - B. Has an intrinsic motivation
  - C. Prefers individual learning
  - D. All the above
20. Lectures as a method of teaching has the following disadvantages except
- A. Content centered
  - B. Oneway communication
  - C. Active audience
  - D. Minimizes feedback from students

## **SECTION B: SHORT ANSWER QUESTIONS (30 MARKS)**

1. Indicate whether statement below is true or false (10 marks)
  - i. The main aim of teaching is to impart knowledge while the main aim of learning is to acquire knowledge skills and behavior.
  - ii. Students learn more and retain their learning longer if they acquire it in a passive rather than an active manner.
  - iii. Everyone learns differently and teachers cannot cater for all individual differences in students.
  - iv. A drill is an orderly, repetitive learning activity intended to help develop or fix a specific skill or aspect of knowledge.
  - v. Learning strategies is an individual way of organizing and using a particular set of skills in order to learn a concept.
  - vi. Demonstration involves students and/or teacher taking on the behavior of a hypothetical or real personality in order to gain insight into the reactions and feelings of people in a situation.
  - vii. Examples of group centered methods include Lecture, team teaching and demonstration.
  - viii. Simulation provides innovative educational experiences that help optometrists assess and develop clinical competency.
  - ix. Learning pyramid, suggests that most students remember about 90% of what they read from textbooks, but retain nearly 10% of what they learn through teaching others.
  - x. Learning is more important than teaching
2. There is no one best method of teaching and also students are different and they learn in different ways. It's the responsibility of the teacher to vary the instructional methods so as to benefit all students. Explain briefly any 5 factors that a teacher considers when selecting a teaching method. (5 marks)
3. a) Differentiate between the listening and hearing in a classroom setting (4marks)  
b) Highlight 6 barriers to active listening (6 marks)
4. Using a well labelled diagram, illustrate the learning pyramid (5 marks)

## **SECTION C: LONG ANSWER QUESTIONS (20 MARKS)**

1. Notetaking is the practice of writing down key points of information through active listening and seeking answers to questions to enhance active learning. Name any 4 methods of notetaking, giving a brief discussion highlighting any 5 of its characteristics. (20 marks)

***THE END  
GOOD LUCK***

