



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

**UNIVERSITY EXAMINATIONS
2023-2024 ACADEMIC YEAR**

FIRST TRIMESTER EXAMINATION

**FOR THE DEGREE
OF
BACHELOR OF SCIENCE HEALTH PROFESSIONS EDUCATION**

COURSE CODE: HPE 201

COURSE TITLE: TEACHING AND LEARNING STRATEGIES

DATE: Monday 4th December 2023 TIME: 8:00am – 10:00am

INSTRUCTIONS TO CANDIDATES

All questions are compulsory

Section A: Multiple Choice questions (MCQ'S)

(20 Marks).

Section B: Short answer questions (SAQ's).

(40 Marks).

Section C: Long answer questions. (LAQ'S)

(40 Marks).

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

1. During delivery of a lesson, closure is important for the following reasons except one, which one?
 - A. Helps students to demonstrate understanding of major points
 - B. Consolidate and internalize key concepts
 - C. Transfer ideas to new situations
 - D. State objectives clearly
2. The following do not represent facilitation in teaching and learning, which one does?
 - A. The use of didactic teaching strategies
 - B. Giving instructions
 - C. The importance of student participation and autonomy
 - D. The implementation of curriculum
3. Which is the best representation of 5E'S constructivism teaching model?
 - A. Engage, effect, explain, expand, Explore
 - B. Evaluate, Excellent, Evolve, Elaborate, Exercise
 - C. Experience, exercise, Esteem, Expire, Excellent
 - D. Engage, Explore, Explain, Elaborate, Evaluate
4. Which model enables engagement in development of appropriate assessment instruments for respective objectives?
 - A. Dick and Carey model
 - B. ASSURE
 - C. ADDIE
 - D. Kirkpatrick's
5. Students will develop their own concept of a subject or topic. Which method is this?
 - A. Inductive
 - B. Constructive
 - C. Deductive
 - D. Discovery
6. Experiential learning model is the work of
 - A. John Dewey
 - B. B. Bloom
 - C. Kurt Lewin
 - D. David Kolb
7. The best approach to understanding the nature of teaching is
 - A. Establishing a harmonious relationship between teacher, student and subject
 - B. Through behavioral approach and relative technology
 - C. Software approach
 - D. System approach
8. An effective teacher is referred to as
 - A. Facilitator
 - B. Lecturer
 - C. Tutor
 - D. Investigator

9. The main purpose for a learning outcome is
 - A. Cover the course
 - B. Certification
 - C. Achievement of the learning outcome
 - D. Teach effectively
10. Who is the proponent of adaptive programming in programmed learning?
 - A. Bloom
 - B. Gilbert
 - C. Crowder
 - D. Mager
11. Open and distance education, for instance MOOCS, gives a leeway to
 - A. Ensuring excellence to all
 - B. Equality of educational opportunity specially to the vulnerable groups
 - C. Social stratification of the educational department
 - D. Addressing diverse social needs of the citizens
12. Determinants of effective learning do not entail
 - A. Needs of the learner: gaps
 - B. State of readiness to learn
 - C. Preferred learning styles for processing information
 - D. Teacher's preference
13. Phases of a lesson includes.
 - A. Transformation phase
 - B. Summative phase
 - C. Review phase
 - D. Consolidation Phase
14. The following represent effective microteaching, which is odd?
 - A. Introduction Skill
 - B. Skill of Probing Questions
 - C. Skill of Explanation
 - D. Skill of Power management
15. The following are roles of an educator a part from one, which one?
 - A. Documentation
 - B. Provide information
 - C. Identify progress being made by the learner
 - D. Give constructive feedback at every stage
16. A content may be made up of the following except
 - A. Facts
 - B. Procedures
 - C. Principles
 - D. Sub-topics
17. Technology should do the following except
 - A. Motivate the learner
 - B. Replace the facilitator

- C. Guide the student
 - D. Update content
18. The following are examples of activities aimed at development of problem solving and critical thinking skills among students, which one is odd?
- A. Case study
 - B. Real world projects
 - C. Concept mapping
 - D. Reading comprehension
19. Affective domain for revised Bloom's taxonomy does not entail
- A. Valuing
 - B. Organization
 - C. Characterization
 - D. Creating
20. Innovative approaches to learning/teaching exclude
- A. Elective
 - B. Systematic
 - C. Discipline-based
 - D. Integrated strategy

SECTION B: SHORT ANSWER QUESTIONS (40 MARKS)

1. Explain the following terms as you cite examples
 - a. Concept mapping (2 Marks)
 - b. Simulation (2 Marks)
 - c. Instruction (2 Marks)
 - d. Training (2 Marks)
 - e. Coaching (2 Marks)
2. Describe the microteaching stages (5 Marks)
3. Enumerate and briefly describe five characteristics of a clear objective in teaching and learning (5 Marks)
4. Demonstrate activities performed during lesson closure (5 Marks)
5. Critically appraise the various teaching and learning strategies in medical education or other health-related disciplines (10 Marks)

SECTION C: LONG ANSWER QUESTIONS (40 MARKS)

1. Using a diagram and write up apply revised Bloom's taxonomy cognitive domain in coming up with learning/teaching objectives. (20 Marks)
2. Discuss principles of adult learning (20 Marks)