



**MASINDE MULIRO UNIVERSITY OF SCIENCE
AND TECHNOLOGY**

UNIVERSITY EXAMINATIONS

2021/2022 ACADEMIC YEAR

SECOND YEAR, SECOND TRIMESTER EXAMINATIONS

FOR THE DEGREE

OF

**BACHELOR OF SCIENCE IN HEALTH PROFESSIONS
EDUCATION**

COURSE CODE: HPE 213

COURSE TITLE: TEACHING - LEARNING MATERIALS

DATE: WEDNESDAY 20TH APRIL 2022

TIME: 2:00-5:00 PM

INSTRUCTIONS TO CANDIDATES

Answer all Questions

Sec A: Multiple Choice Questions (MCQ) 20 Marks

Sec B: Short Answer Questions (SAQ) (40 marks)

Sec C: Long Answer Questions (LAQ) (40 marks)

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

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

SECTION A: MULTIPLE CHOICE QUESTIONS (20marks)

1. Instructional media acts as
 - A. A means of delivery
 - B. Medium for teaching
 - C. Teacher to both students and staff
 - D. The available data for use in health research
2. Multimedia is also a combination of
 - A. Computers and instructional video
 - B. Designed media and learning materials
 - C. Teaching package materials
 - D. Computers and designed materials
3. Readable text means
 - A. Reading from a text
 - B. A mental picture that explains your understanding
 - C. Ability to understand the meaning of text quickly and easily
 - D. Text readability
4. The following are key attributes of instructional video:
 - A. Sound, colour, animations, masking
 - B. Pictures, sound , colour, light
 - C. Colour, sound, pictures and interactions
 - D. Sound, interactions, picture, animations
5. The concepts associated with teaching materials include
 - A. Teaching aid, instructional materials
 - B. Textbooks, principles of teaching
 - C. Applying the principles of teaching
 - D. Assessment materials, textbooks
6. The unique attributes of instructional text include
 - A. Print, cohesion, procedures
 - B. Printed text variables, cohesion, procedures
 - C. Print, skills, illustrations
 - D. Cohesion, punctuation marks, lexis
7. While designing teaching materials, emphasis should be on
 - A. Stress important ideas, and teach students
 - B. Present the lessons
 - C. Encourage discussions among students
 - D. Facilitation of learning process
8. Individual media is effective in facilitating learning outcomes due to
 - A. Uses
 - B. Preparation
 - C. Time
 - D. Its unique attributes
9. The attributes of printed text include
 - A. Illustrations
 - B. Animations
 - C. Sounds
 - D. Pointers
10. Academic writing involve

- A. The process of exploring one's thoughts and recording the developed idea
 - B. The act of writing on a paper
 - C. The written words for reading
 - D. Explaining meaning in text
11. Cohesion in text material means
- A. Connection and flow of ideas
 - B. Difficult words in a text
 - C. Choice of words in a readable text
 - D. Use of text sparingly
12. To facilitate learning you need
- A. Teachers
 - B. Students
 - C. Instructional materials
 - D. Classroom
13. Editing
- A. Is the process of reading
 - B. Is the process of checking the original or proof before text is printed
 - C. Means an overview of text
 - D. Reading to proof points outlined
14. The unique characteristics of instructional video
- A. Colour and sound
 - B. Sound and punctuation marks
 - C. Sound and editors
 - D. Animation and punctuation marks
15. Unique attributes such as sound and motion or zooming may facilitate
- A. Training of learners
 - B. Knowledge acquisition
 - C. Cover a wide variety of teaching applications
 - D. Skills acquisition
16. The effectiveness of instruction materials depends on
- A. Efficacy
 - B. Strength and cost of the media
 - C. Instructional design framework
 - D. Use in teaching
17. The teachers role in media use is to
- A. Facilitate and evaluate readers understanding
 - B. Design and Facilitate learning
 - C. Evaluate readability of text
 - D. Ensure learners use the media
18. Exploiting attributes of media means
- A. Utilizing its unique attributes
 - B. Maximum use of media
 - C. Use of instructional media
 - D. Sharing media
19. Audio learning materials consist of
- A. Radio, TV, data projector
 - B. Radio TV, Books

- C. TV , radio , Multimedia
- D. Multimedia, TV, study guide

20. The use of instructional video in teaching and training is achieved by exploiting

- A. Organized text
- B. Semantic and syntactic text
- C. Learning resources
- D. Image manipulation process

SECTION B: SHORT ANSWER QUESTIONS (40 MARKS)

1. Explain the following terms
 - a. Instructional materials (3 marks)
 - b. Instructional video (3 marks)
 - c. Media attributes (3 marks)
 - d. PowerPoint presentation (3 marks)
 - e. Liquid Crystal Device (3 marks)
2. Explain any five (5) attributes of printed text used to facilitate students learning (5 marks)
3. The unique attributes of powerpoint presentation is determined by the instructional designer. List any five (5) attributes of powerpoint presentation (5marks)
4. Explain any two (2) attributes of instructional video (5 marks)
5. Compare the attributes of multimedia with the attributes of instructional video (5 marks)
6. Explain the factors that facilitate the use of multimedia in teaching and learning (5marks)

SECTION C: LONG ANSWER QUESTIONS (40marks)

1. The current approach in teaching and learning is towards blended mode (face to face and e-learning). Explain the teaching and learning resources required for blended mode (20 marks)
2. Analyze the following statement and explain the implications in teaching and learning. “ *The use of media technology in the classroom has long been considered a way of improving the process of communication and the accompanying process of learning, and developments in media technology are opening up new possibilities for such use*” (20 marks)