



AMREF INTERNATIONAL UNIVERSITY
SCHOOL OF MEDICAL SCIENCE
DEPARTMENT OF REHABILITATION MEDICINE
BACHELOR OF SCIENCE IN PHYSIOTHERAPY
END OF May-August 2026 TRIMESTER EXAMINATIONS

UNIT CODE: PHT 121 **UNIT NAME: Sign language (main exam)**
DATE: 6TH AUGUST 2026
TIME: TWO HOURS
START: 11:00AM **STOP : 1:00PM**

INSTRUCTIONS (physical exams)

1. **Do not write on this question paper**

(Marks and questions distribution as per program curriculum.)

INSTRUCTIONS (Online examinations)

1. This exam is marked out of 70 marks
2. This Examination comprises 3 Sections
3. This online exam shall take 2 Hours
4. Late submission of the answers will not be accepted
5. Ensure your web-camera is on at all times during the examination period
6. No movement is allowed during the examination
7. Idling of your machine for 5 min or more will lead to lock out from the exam
8. The Learning Management System (LMS) has inbuilt integrity checks to detect cheating
9. Any aspect of cheating detected during and or after the exam administration will lead to nullification of your exam

10. In case you have any questions call the invigilator for this exam on Tel. 0705833434 and or the Head of Department on Tel 0720491032
11. For adverse incidences please write an email to: amiu.examinations@amref.ac.ke

SECTION A.MULTIPLE CHOICE QUESTION. ANSWER ALL THE QUESTION(40mks)

1. Which among the following is a manual skill?
 - A. Fingerspelling
 - B. Mimicry
 - C. Receptive
 - D. Pantomime
2. Which among the three is not a principle of singing?
 - A. Position of a signer
 - B. Ability to appreciate a sign
 - C. Body language
 - D. Signing space
3. Which of the following is not an element of a sign?
 - A. Movement
 - B. Ability to sign
 - C. Place of articulation
 - D. Hand shape
4. Who invented the two-handed manual alphabet?
 - A. George Dargano
 - B. Charles Abbe
 - C. Professor Michael Ndurumo
 - D. Vasco Dagamar
5. Who was the first man to advocate for sign language in Kenya?
 - A. Charles Abbe
 - B. professor Michael Ndurumo
 - C. Thomas Hopkins
 - D. Gallaudet

6. Which year was the first Kenyan deaf school to be started in Kenya?
- A. Tree side school for the deaf
 - B. Kenya school for the deaf
 - C. Machakos school forth deaf
 - D. Kiambu institute for the deaf
7. Who among the following was not involved in the development of sign language?
- A. Pablo de bonnet
 - B. Proff Michael Ndurumo
 - C. Chinua Achebe
 - D. Thomas Hopkins
8. Which of the following is not true about finger spelling?
- A. It is an art of shaping fingers to form letters of the alphabet
 - B. Only fingerspell at an acceptable speed
 - C. It is the use of two languages for the purpose of communication
 - D. Can be used in place of signing a word
9. The following are components of body language except one?
- A. Gestures
 - B. Cued speech
 - C. Eye contact
 - D. Hand movement
10. Two of the following are manual skills used in signing except one?
- A. Receptive skills
 - B. Pre-manual skills
 - C. Expressive skills
11. The following skills are essential for children with Hearing Impairment except one?
- A. Movement from left to right
 - B. Scribbling in the air
 - C. Talking above the noise when addressing them
 - D. Arranging objects from left to right
12. Which of the following is not a hand shape?
- A. Open palm

- B. Clenched fist
 - C. Upper face
 - D. Claw shape
13. The following are non-manual features. Which one is not?
- A. Facial expressions
 - B. Lip movement
 - C. Eyebrow movement
 - D. Orientation
14. Which one of the following is not an element of a sign?
- A. Pre-manual features
 - B. Handshape
 - C. Movement
 - D. Orientation
15. Which of the following statements describes the term 'orientation'?
- A. It is the direction of the palm in relation to the body of the signer
 - B. It is the movement of the hand from one location to the other
 - C. It is the location of the handshape in relation to the body of the signer
16. The following words are formed with a clenched fist except one?
- A. Possible
 - B. Cup
 - C. Year
 - D. Drive
17. Which of the following words is not formed on the face of the signer?
- A. Father
 - B. Woman
 - C. Mother
 - D. Niece
18. Which of the following words is formed with letter 'U' on the face of the signer?
- A. Uncle
 - B. United
 - C. Unity
 - D. Use
19. Which of the following statements below is TRUE about Non-manual features?
- A. They accompany signs

- B. Without non-manual features, signs alone may convey the intended meaning
20. Which of the following words DOES NOT portray etiquette when signing?
- A. Please
 - B. Sorry
 - C. Thank you
 - D. No
21. Which one of the following is not true about signing space?
- A. It is the space in front of the body
 - B. It should be such that it forms a square shape
 - C. It should be less than 3 meters from the receiver
22. Which of the following is not a hint for fluent signing?
- A. Your elbow should be down towards the waist
 - B. The palm of your hand should face away from you
 - C. Your hand should not block your lips
 - D. Find a comfortable place and easy position
23. State which among the following images representation of letters is correct?



- 1.
- A. S
 - B. T
 - C. I
 - D. L



2.

- A. D
- B. H
- C. J
- D. Y



3.

- A. S
- B. F
- C. Q
- D. S



4.

- A. W
- B. S
- C. O
- D. H



5.

- A. F
- B. K
- C. L
- D. S



6.

- A. S
- B. U
- C. P
- D. M



7.

- A. P

- B. D
- C. Q
- D. S



8.

- A. R
- B. D
- C. G
- D. W



9.

- A. Q
- B. C
- C. R
- D. P



10.

- A. E
- B. T

- C. P
- D. X

8. Which two among the formation of the following signs in relation to elements of a sign are wrong?
(8mks)

(i) YOU

- A. Place of articulation- neutral space
- B. Hand shape- extended index finger
- C. orientation- palm facing upwards
- D. Movement- backwards

(ii) SORRY

- A. Place articulation-trunk (chest)
- B. Hand shape- S shaped
- C. Orientation- palm facing signer
- D. Movement- sideways

(iii) RAIN

- A. Place of articulation- face
- B. Hand shape- Clenched fist
- C. Orientation- Palm facing down
- D. Movement- Up and down movement

(iv) TALK

- A. Place of articulation- chest
- B. Hand shape- extended index finger
- C. Orientation- Palms facing each other

D. Movement- wavy movement

SECTION B. SHORT STRUCTURED QUESTION. ANSWER ALL THE QUESTION (10 Marks)

1. Define the following terms. (10mks)

- a) Finger spelling -
- b) Receptive Manual skills -
- c) Manualism -
- d) Mimicry -
- e) Oralism -

SECTION C. LONG STRUCTURED QUESTION. ANSWER ALL THE QUESTION (20 marks)

1. Explain three principles of signing (6mks)
2. Describe six modes (components) of total communication. (10mks)
3. When teaching written language, children have to acquire pre-literacy skills, this is the same for deaf children that they also need pre-requisite skills before they acquire sign language skills. State the four pre-requisite skills they need before learning sign language. (4mks)