



# TECHNICAL UNIVERSITY OF MOMBASA

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FACULTY OF APPLIED AND HEALTH SCIENCES

DEPARTMENT OF ENVIRONMENT & HEALTH SCIENCES

UNIVERSITY EXAMINATION FOR:

BACHELOR OF SCIENCE IN COMMUNITY HEALTH

BSCH 15S/YEAR 2/ SEMESTER 1

AML 4142: MEDICAL TERMINOLOGIES

END OF SEMESTER EXAMINATION

SERIES: DECEMBER 2016 (Y2S1)

TIME: 2 HOURS

**INSTRUCTIONS TO CANDIDATES:**

- This paper consists of FIVE questions
  - Answer question ONE (Compulsory) and any other THREE questions on the answer booklets provided.
  - Do not write on this question paper.
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**Question 1 (Compulsory)**

a. **State** the word that means the opposite of each of the following. (5 marks)

- Cephalic
- Ventral
- Deep
- Proximal
- Plantar

b. **Define** the following terms (5 marks)

- Hypoglycaemia
- Haematuria
- Dysphagia
- Rhinorrhoea
- Hyperthermia

c. **Name** the anatomical structures described below: (5 marks)

- The joint which is inferior to the humerus but superior to the ulna –

- ii. The most distal joint in the foot
  - iii. A joint that is anterior to the urinary bladder
  - iv. A bone that is lateral to the tibia
  - v. A cavity that is posterior to the thoracic cavity
- d. Briefly **explain** the roles of the following medical specialists
- i. Oncologist
  - ii. Psychologist
  - iii. Endocrinologist
  - iv. Epidemiologist
  - v. Anthropologist
- e. Briefly **describe** the functions of the following medical equipment
- i. Culdoscope
  - ii. Ophthalmoscope
  - iii. Rhinoscope
  - iv. Otoscope
  - v. Bronchoscope
- f. **Explain** the meaning of the following laboratory/radiological tests
- i. Mammogram
  - ii. Venogram
  - iii. Fasting blood sugar test
  - iv. Pre-prandial blood sugar test
  - v. Echocardiography

#### Question 2

- a. **Distinguish** between a sign and a symptom of a disease (4 marks)
- b. **List FIVE** vital signs (5 marks)
- c. **Discuss** the various abnormalities of the vital signs (11 marks)

#### Question 3

- a. **Discuss** the various body cavities and identify the organs located in each of those cavities (14 marks)
- b. **List and explain THREE** medical disorders that can affect the pleural cavity (6 marks)

#### Question 4

- a. **Enumerate SIX** accessory organs of digestion (6 marks)
- b. **Explain SIX** processes that occur in the digestive system (12 marks)

- c. **Give TWO** functions of mesentery (2 marks)

Question 5

- a. **Outline** the various prefixes that the Greek word root “-demos” can take and explain what each of the resulting compound words mean (10 marks)
- b. **Define** the following terms and give an example of each: (10 marks)
- i. Communicable diseases
  - ii. Non-communicable diseases
  - iii. Re-emerging infectious disease
  - iv. Emerging infectious disease
  - v. Neglected tropical disease