



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

Qualification Code : 102106T4COH
Qualification : Assistant Community Health Officer Level 6
Unit Code : HE/OS/CH/CC/04/6/A
Unit of Competency : Apply Human Anatomy and Physiology

ASSESSOR'S GUIDE WRITTEN ASSESSMENT

Note to assessor: These are suggested answers to act as guideline

SECTION A: (40 MARKS)

Note to assessor: These are suggested answers to act as guideline

- 1) Distinguish between anatomy and physiology (2Marks)

- ✓ Anatomy – the study of inside and outside of the body (Body structure)
- ✓ Physiology – the study of how the human body works (Functions)

(Award 1 mark for the correct answer $\times 2 = 2$ marks)

- 2) Outline TWO reasons why the knowledge of human Anatomy and Physiology important in Primary health (2 Marks)

- ✓ It helps in understanding the health status of patients.
- ✓ It helps in assessing, evaluating, diagnosing and tracking a patient's health
- ✓ It helps in understanding areas of the body that different diseases affect

(Award 1 mark for the correct answer $\times 2 = 2$ marks)

- 3) Highlight three main physiological processes that take place in human cell (3 Marks)

- ✓ Osmosis
- ✓ Active transport
- ✓ Diffusion

(Award 1 mark for the correct point, maximum 3marks)

- 4) Identify four major components of blood (4 Marks)

- ✓ Red blood cells – carry oxygen from the lungs to the rest of the body
- ✓ White blood cells – help fight infections and aid in immune process
- ✓ Platelets (Thrombocytes) – help in blood clotting
- ✓ Plasma – Liquid part of the blood

(Award 2 marks for correct answer $\wedge$ 2 for correct explanation)

- 5) Outline differences between peristalsis, emesis and digestion (3 Marks)

- ✓ Peristalsis – Forward movement of food through the gastrointestinal tract
- ✓ Emesis – An act or instance of vomiting