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COMMUNITY HEALTH LEVEL 5

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HE/OS/CH/CC/03/5

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Apply Human Anatomy and Physiology

July/August 2025

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

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WRITTEN ASSESSMENT

Time: 3 HOURS

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INSTRUCTIONS TO CANDIDATE

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1. This paper consists of **TWO** sections: **A** and **B**.
2. Attempt **ALL** questions in section A.
3. Attempt **any THREE** questions in section B.
4. Marks for each question are indicated in the brackets.
5. Candidates are provided with a separate answer booklet
6. Do not write on the question paper

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This paper consists of THREE (3) printed pages

Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.

SECTION A (40 MARKS)

Attempt ALL the questions in this section.

1. The ear is an organ involved in hearing and balance and has divisions. Name its THREE divisions. (3 Marks)

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2. Underline FOUR reasons why it is important to study anatomy and physiology. (4 Marks)

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3. State FOUR functions of pharynx. (4 Marks)

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4. List FOUR types of soluble vitamins that are stored in the body and require dietary fat to be absorbed. (4 Marks)

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5. The tongue is a strong muscle that is anchored to the floor of the mouth. Record its THREE functions. (3 Marks)

6. Identify THREE disorders of the urinary system (3 Marks)

7. The skin is the largest organ in the human body. State its FOUR functions. (4 Marks)

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8. State FOUR diseases that can be prevented through immunization. (4 Marks)

9. Underline FOUR classification of human bones (4 Marks)

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10. Name THREE layers surrounding the brain and the spinal cord. (3 Marks)

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11. Record FOUR types of synovial joints of the human skeleton system. (4 Marks)

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SECTION B (60 MARKS)

Attempt any THREE Questions in This Section

12. The respiratory system provides a route through which oxygen from the environment gets into the body and carbon dioxide is excreted.

a) Label the parts marked A, B, C, D, E and F in the figure below (6 Marks)

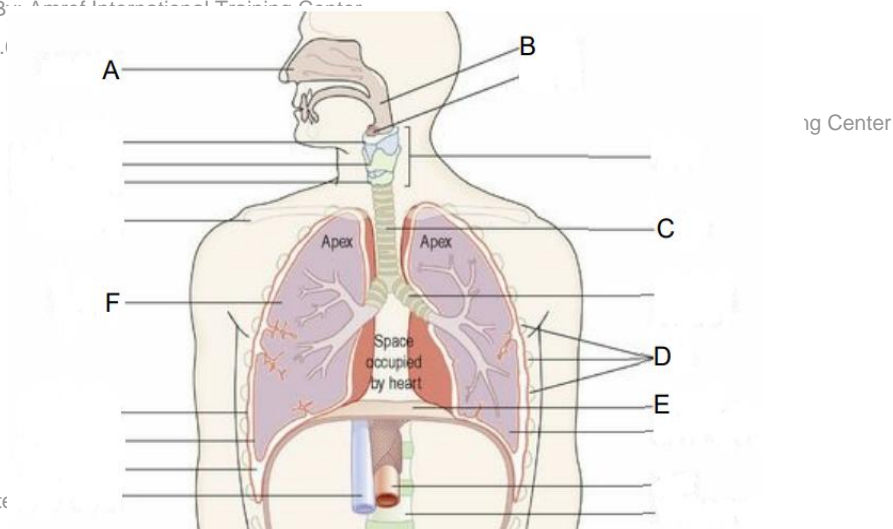


Figure 1: Ross and Wilson 11th Edition Page 461

b) Examine SEVEN disorders of the respiratory system. (14 Marks)

13. The stomach secretes about 2 Litres of gastric juice daily by specialized secretory glands in the mucosa

a. Explain FIVE functions of gastric juice (10 Marks)

b. Describe FIVE activities that take place in the digestive system. (10 Marks)

14. The female reproductive system is divided into internal and external organs

a. Describe FIVE organs of the external genitalia. (10 Marks)

b. Explain FIVE organs of the internal genitalia. (10 Marks)

15. The cardiovascular system is composed of a network of vessels working together to ensure that blood circulation is maintained at all times.

a. Review FOUR pulse points (8 Marks)

b. Describe SIX factors affecting the heart rate (12 Marks)