



education

**MPUMALANGA PROVINCE
REPUBLIC OF SOUTH AFRICA**

**GENERAL
EDUCATION AND TRAINING**

GRADE 9

**NATURAL SCIENCES
TERM 1 2025
BASELINE ASSESSMENT**

NAME:

NAME OF SCHOOL:

DATE:

Marks:15

Duration: 20 minutes

This question paper consists of 6 pages

INSTRUCTIONS

1. This question paper consists of **6 pages** including the cover page.
2. Answer **ALL** questions in this question paper.

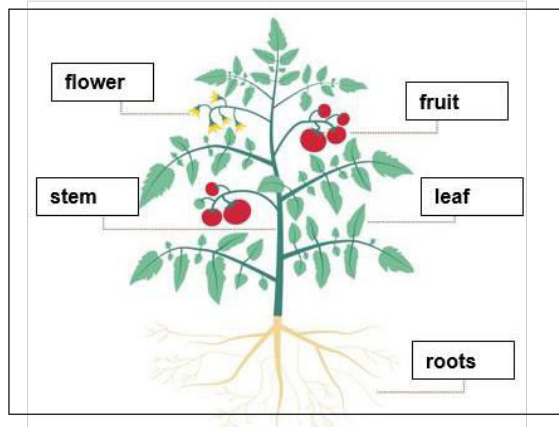
QUESTION 1: MULTIPLE CHOICE QUESTIONS

Various options are provided as possible answers to the following questions. Each question has only one correct answer. Choose the correct answer and **CIRCLE** the correct letter (**A-D**) among the options provided.

- 1.1 Which one of the following is **NOT** a life process? (1)
- A Respiration
 - B Fertilisation
 - C Excretion
 - D Reproduction
- 1.2 Which of the following characteristics is common to all living things? (1)
- A Ability to fly
 - B Ability to swim
 - C Need for food, water and shelter
 - D Ability to speak
- 1.3 The release of energy from food is called... (1)
- A photosynthesis.
 - B respiration.
 - C digestion.
 - D transpiration.

- 1.4 The by-products of respiration are ... (1)
- A glucose and oxygen.
 - B carbon dioxide, water and energy.
 - C glucose and carbon dioxide.
 - D carbon dioxide, oxygen and energy.
- 1.5 What do animals and humans breath out? (1)
- A Hydrogen
 - B Nitrogen
 - C Oxygen
 - D Carbon dioxide
- 1.6 Plants need ... to grow. (1)
- A light, water and air
 - B light, water and warmth
 - C oxygen, water and soil
 - D light, water, soil and air

- 1.7 Consider the diagram of a plant below. Identify which part of the plant is primarily responsible for making food for the plant. (1)



- A Roots
B Fruit
C Leaf
D Flower
- 1.8 What are the functions of the skeletal system? (1)
- A Movement, shape, body composition
B Production, prevention, structure
C Movement, protection, support
D Muscle attachment, support, joints
- 1.9 The function of the skull in animal's body is to... (1)
- A protect the brain.
B protect the spinal cord.
C protect the lungs and heart.
D protect the eyes.

- 1.10 Which of the following is the best definition of puberty? (1)
- A The time when a boy's voice deepens.
 - B The time when girls have love affairs.
 - C The time when a girl develops breasts.
 - D The stage in the human life cycle when sexual organs mature for reproduction.
- 1.11 Which of the following is **NOT** an STI (Sexually Transmitted Infection)? (1)
- A Gonorrhoea
 - B Scabies
 - C HIV
 - D Syphilis
- 1.12 Fertilisation in humans occurs in the... (1)
- A ovary.
 - B vagina.
 - C uterus.
 - D fallopian tubes.
- 1.13 A diet containing the correct amount of carbohydrates, proteins, fats, fibre, vitamins, minerals and water needed to fulfil the bodies energy requirements is called... (1)
- A balanced nutrition.
 - B perfect diet.
 - C balanced diet.
 - D food pyramid.

- 1.14 Which **ONE** of the following diseases is caused by poor diet? (1)
- A Obesity
 - B Influenza
 - C Cholera
 - D Measles
- 1.15 The food group that provides human beings with the most energy is... (1)
- A fats and oils.
 - B carbohydrates.
 - C proteins.
 - D vitamins.

[15]

TOTAL MARKS: 15