



**education**

**MPUMALANGA PROVINCE  
REPUBLIC OF SOUTH AFRICA**

**GENERAL  
EDUCATION AND TRAINING**

**GRADE 8**

**NATURAL SCIENCES  
TERM 2 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 of the following is an example of a solid? (1)
- A Water
  - B Chair
  - C Oil
  - D Air
- 1.2 Which state of matter, would all the time, take the shape of its open container? (1)
- A Liquid
  - B Gas
  - C Solid
  - D All of the above
- 1.3 What happens to a solid, like a candle, when it is heated? (1)
- A It becomes a gas.
  - B It stays the same.
  - C It becomes a liquid.
  - D It disappears.

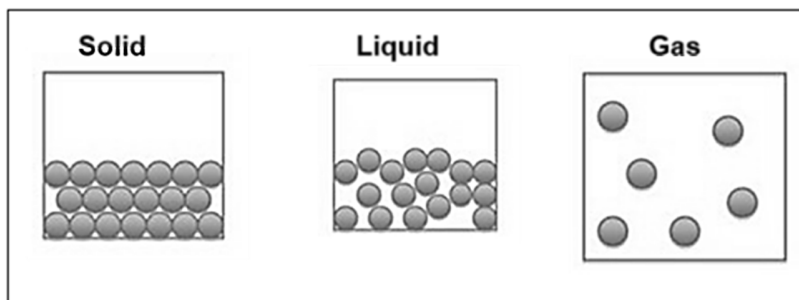
1.4 What is the process called when a liquid turns into a gas? (1)

- A Boiling
- B Condensation
- C Melting
- D Evaporation

1.5 What is the reverse process of evaporation? (1)

- A Melting
- B Evaporation
- C Condensation
- D Boiling

*Consider the diagram below to answer question 1.6 and 1.7.*



1.6 The spaces between the particles of a liquid are... (1)

- A the same as the spaces between the particles of a solid.
- B smaller than the spaces between the particles of a gas.
- C the same as the spaces between the particles of a gas.
- D smaller than the spaces between the particles of a solid.

- 1.7 What is the arrangement of particles in a gas? (1)
- A Randomly and far apart
  - B Close together in a fixed position
  - C In a regular pattern
  - D Close together but able to move freely
- 1.8 Which of the following best describes a mixture? (1)
- A A compound made from different elements
  - B A substance made through chemical bonding
  - C A combination of two or more substances that are not chemically bonded
  - D All of the above
- 1.9 Which of the following is an example of a mixture? (1)
- A Pure gold
  - B Salt
  - C Water
  - D Air
- 1.10 A mixture of sand and water can be best separated by... (1)
- A Chromatography
  - B Filtration
  - C Hand sorting
  - D Sieving

- 1.11 Who created the Periodic Table of elements in 1860s? (1)  
A Isaac Newton  
B Albert Einstein  
C Dmitri Mendeleev  
D Marie Curie
- 1.12 The horizontal rows of elements in the Periodic Table of Elements are called... (1)  
A Groups  
B Blocks  
C Families  
D Periods
- 1.13 Which of the following is a non-metal? (1)  
A Aluminium (Al)  
B Oxygen (O)  
C Silicon (Si)  
D Iron (Fe)
- 1.14 Which element is represented by the symbol "K"? (1)  
A Potassium  
B Sodium  
C Phosphorus  
D Sulfur
- 1.15 Which one of the following is **NOT** a property of a metal? (1)  
A Shiny and malleable  
B Dull  
C Good conductor of heat and electricity  
D High melting point and boiling point

(15)

**TOTAL MARKS: 15**