

GRADE SEVEN END TERM ONE (2025)
SCHOOL BASED ASSESSMENT
INTEGRATED SCIENCE

LEARNER'S NAME: _____

ASSESSMENT NO: _____ **ADM NO:** _____

DATE: _____ **SIGN:** _____

Instructions to the Learners

- a) Write your name, stream and admission number in the spaces provided.
- b) Sign and write date of examination.
- c) Answer all the questions in this paper in the spaces provided
- d) Show all your workings where necessary.
- e) Use *English* to answer all the questions
- f) *This paper consists of 4 printed pages confirm if all pages are available.*

FOR EXAMINERS' USE ONLY

LEARNER'S SCORE	
OUT OF	50
PERCENTAGE (%)	

SCORE RANGE	PERFORMANCE LEVEL	TICK
80-100	EXCEEDING EXPECTATION	
60-79	MEETING EXPECTATION	
40 -59	APPROACHING EXPECTATION	
0-39	BELOW EXPECTATION	

1. What are the **three** components of integrated science? (3 marks)

2. Name **three** careers that are related to the knowledge and skill gained in integrated science (3 marks)




3. Name **three** common accidents in the laboratory (3 marks)

4. Identify **three** basic skills one gains in science practical (3 marks)

5. Which of the following is not a basic quantity? (1 mark)

- A. Time
- B. Length
- C. Area
- D. Volume

6. Identify the following hazards in the laboratory? (3 marks)

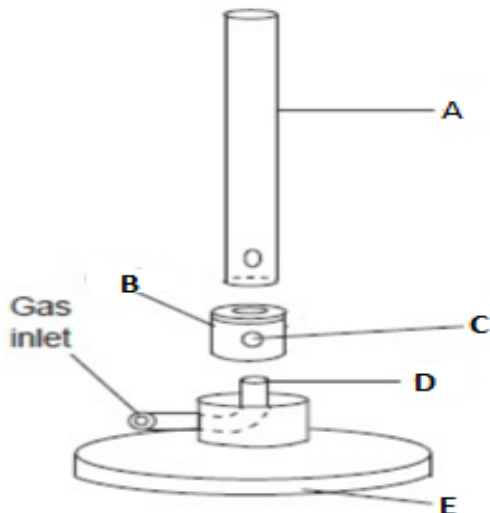
Symbol			
Name			

7. Name two apparatus/instruments used for measuring length (2 marks)

8. The following table represents basic quantities. Write their SI units and their symbols (5 marks)

Quantity	SI unit	Symbol
Length	Metres	
Mass	Grammes	
Time		S
Electric Current		
Temperature	Amperes	K

9. The following apparatus is used in the laboratory to produce heat



a) Name the apparatus (1 mark)

b) Give the name of the parts marked with letters (5 marks)

A: _____

B: _____

C: _____

D: _____

E: _____

10. State the function of the following parts (3 marks)

A: _____

E: _____

C: _____

11. The Bunsen burner is named after a German chemist called? (1 mark)

12. Ojwang's temperature as measured at school gate was 42°C . What is the temperature in SI units? **(2 marks)**

13. Below are the various quantities that are used in our daily life. Group them into basic quantities and derived quantities

Area, Length, Mass, Time, Volume and Density **(6 marks)**

Basic Quantities	Derived Quantities

14. State **three** safety measures to observe while in the laboratory **(3 marks)**

15. Calculate the density of a wooden box that has a volume of 25cm^3 and a mass of 15g . Give your answer in **SI units** **(4 marks)**

16. Name two skills that one acquires when they study integrated science **(2 marks)**

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