KENYA CERTIFICATE OF BASIC EDUCATION

SENIOR SCHOOL ASSESSMENT

AUGUST ASSIGNMENT 2026

GRADE 10 – PHYSICS

Time: 2 Hours

LEARNER'S DETAILS

Name: _____. **School:** _____.

Assessment Number: _____. **Date:** _____.

School Code: _____. **Signature:** _____.

INSTRUCTIONS TO CANDIDATES

1. Write the details as required in the spaces above.
2. This paper consists of two sections: A and B.
3. Answer all questions in section A and section B.
4. Answer the questions in English.
5. All answers MUST be written in the spaces provided in the paper.
6. Do NOT remove any page from this question paper
7. Silent non programmable calculators may be used.
8. Assume:

   i. Acceleration due to gravity, **g = 10 m/s²**
   ii. Density of water = **1000 kg/m³**

FOR OFFICIAL USE ONLY

SECTION	SECTION A	SECTION B	% SCORE	EE1	EE2	ME1	ME2	AE1	AE2	BE1	BE2
SCORE RANGE	30 MARKS	60 MARKS		90-100	75-89	58-74	41-57	31-40	21-30	11-20	1-10
POINTS				8 POINTS	7 POINTS	6 POINTS	5 POINTS	4 POINTS	3 POINTS	2 POINTS	1 POINT
LEARNER'S TOTAL SCORE											

SECTION A (30 MARKS)

Answer ALL questions in this section.

1. At **Shankoe Senior School**, three learners are discussing the relevance of Physics in Kenya.

   Mwende: "I want to be a Telecommunications Engineer because I love the **Electronics** branch."

   Kiprono: "I am interested in how engines work, which falls under **Mechanics**."

   Achieng: "I want to study the stars and the universe, which is **Astronomy**."

(a) **Identify** the branch of Physics that deals with the study of heat and temperature. (1 mark)