KENYA CERTIFICATE OF BASIC EDUCATION

SENIOR SCHOOL ASSESSMENT

DECEMBER ASSIGNMENT 2026

GRADE 10 – PHYSICS

Time: 2 Hours

LEARNER'S DETAILS

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

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

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

INSTRUCTIONS TO LEARNERS

1. This paper consists of **TWO sections: A and B**.
2. Answer **ALL questions** in both sections.
3. Show **all working** in numerical questions.
4. Give answers to numerical questions to an appropriate number of significant figures where necessary.
5. Use the following values unless otherwise stated:
   - $g = 10\ N/kg$
   - Density of water $= 1000\ kg/m^3$
   - Speed of sound in air $= 340\ m/s$
   - Speed of light $= 3.0 \times 10^8\ m/s$
   - Take $\pi = 3.14$.
6. Non-programmable calculators may be used where necessary.

FOR OFFICIAL USE ONLY (EXAMINER'S USE)

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.

a) Explain why Physics is considered a fundamental science. (1 mark)

_____

_____

b) State **two ways in which Physics is related to other fields of study.** (2 marks)

i. _____