TERM 2: ENDTERM ASSESSMENT 2026

GRADE 10 – ESSENTIAL MATHEMATICS 007 JULY

Time: 2 Hours

LEARNER'S DETAILS

Name: _____. School: _____.

Assessment Number: _____. Date: _____.

School Code: _____. Signature: _____.

INSTRUCTIONS TO CANDIDATES

1. Write your full name in the space provided above.
2. Indicate your school, stream, admission number, and date clearly.
3. This paper has **TWO sections: A and B**.
4. Attempt **ALL questions** in both sections.
5. Show all working clearly where necessary.
6. Write all answers in the spaces provided.
7. Do NOT remove any page from this paper.

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	50 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)

1. Classify the following numbers as either **Rational** or **Irrational**: (2 Marks)

i. 25: _____

ii. π: _____

2. Evaluate the value of x in (2 Marks)
$81^{(x+1)} + 3^{4x} = 246$