

Candidate's Number _____
School's Name _____
Region _____
District _____

**KEYS EDUCATIONAL AND STATIONERY SERVICES (KESS)
REGISTRATION NUMBER: 473801**



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KIFURU-KINYEREZI, DAR ES SALAAM

WELCOME TO GRADE SEVEN ASSESSMENT

04E: MATHEMATICS

Time: 2:00 Hours

Thursady 20th February, 2025

Instructions

1. This paper consists of sections **A, B** and **C** with a total of **eight (8)** questions.
2. Answer **all** questions in each section.
3. Write your answers in the space provided in each question.
4. All answers must be written in **blue** or **black** pen.
5. Cellular phones, and any unauthorized materials are **not** allowed in the assessment room.
6. Write your **Index Number and Name of your School** in the space provided at the top right corner of every page.

FOR EXAMINERS' USE ONLY

QUESTION NUMBER	SCORE	EXAMINER'S INITIALS
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
TOTAL		
ENTERER'S INITIALS		
CHECKER'S INITIALS		

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SECTION A (10 Marks)

For each of the following questions, work out the answer in the space provided showing all work clearly

No.	Question	Working space and answers
1.	(a) $8762 + 98 =$	
	(b) $3260 - 895 =$	
	(c) $105 \times 17 =$	
	(d) $6104 \div 56 =$	
	(e) $\frac{1}{3} + \frac{1}{4} + \frac{1}{6} =$	
	(f) $\frac{10}{13} - \frac{5}{39} =$	
	(g) $27 \times \frac{1}{9} =$	
	(h) $52.32 \div 0.05 =$	
	(i) $56.26 \times 3.1 =$	
	(j) $+200 + (-135) =$	

SECTION B (30 Marks)

Answer **all** questions in this section

2.	(a) Last year, Kilosa district admitted 345 730 pupils into Standard One. Write the number of admitted pupils in words	
	(b) Write DCCXCIX in Hindu Arabic numbers	
	(c) Write 'nine hundred and seventy-six' in Roman numerals	
	(d) Jamhuri Primary School has 2 588 desks, Mwanga Primary School has 8 813 desks and Mihayo Primary School has 10 554 desks. Find the total number of desks in the three schools	

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	(e) In a certain region, 796 599 people were vaccinated against a certain disease. If the number of women vaccinated was 396 479, how many men were vaccinated?	
	(f) Write the total value of the underlined digit in the following number: 6 <u>2</u> 49 356	
3	(a) List all factors of 36 which are divisible by 6.	
	(b) Find the Greatest Common Factor (GCF) of 18, 27 and 36	
	(c) Write the missing prime numbers in the following pattern of prime numbers: 31, _____, _____, 43	
4.	(a) Amani sold a radio for 84,000 shillings and got a profit of 5%. What was the buying price of the radio?	
	(b) What is the difference in time between 10:15a.m and 1:45p.m?	
	(c) Vanessa arrived at school at 6:15 a.m. If she arrived 1 hour and 45 minutes earlier, at what time was she supposed to arrive?	
5.	(a) Convert $4\frac{1}{2}$ hectometres (hm) into metres(m)	
	(b) A family uses $1\frac{3}{4}$ litres of milk everyday. How many litres of milk will the family use in 28 days?	
	(c) A train left Dar es Salaam at 7:30 a.m and arrived in Dodoma at 11:30 a.m. If it travelled at a speed of 160km/hr, calculate the distance from Dar es salaam to Dodoma	
6.	(a) Write the variables in the following term $32xy$	
	(b) Simplify the following expression $10b + 2a - 5b =$	
	(c) If $a = 1$, $b = -2$, $x = 3$ and $y=2$, find the value of $-x - 3b + 7a$	

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SECTION C (10 Marks)

Answer **all** questions in this section

The table below shows the class attendance of standard seven pupils at Mwembeni Primary School in a week. Study it carefully then answer the questions that follow

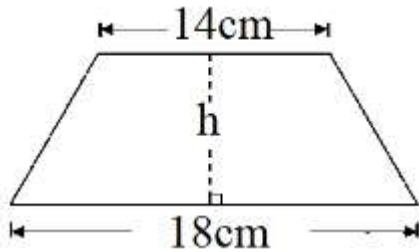
Days	Monday	Tuesday	Wednesday	Thursday	Friday
Attendance	70	78	80	68	74

7.

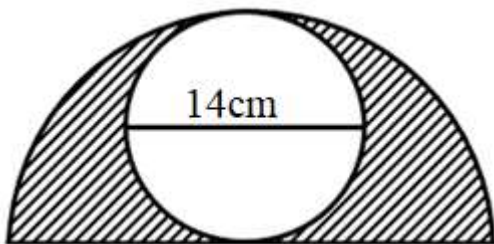
(a) Find the daily average attendance of pupils during the week

(b) On which days was the attendance below the average?

(a) The area of a trapezium below is 192cm^2 . Find its height (h)



(b) Calculate the area of the shaded part in the figure below (Use $\pi = \frac{22}{7}$)



8.

(c) A water tank with height 90 cm and diameter 42 cm has three-quarter of its volume filled with water. Find the volume of the water in the tank