DOYEN PUBLISHERS
KENYA JUNIOR SCHOOL EDUCATION ASSESSMENT
END TERM I 2025 JOINT EXAM
GRADE 7 - MATHEMATICS

Time: 2 hours

NAME: _____

SCHOOL: _____

STREAM: _____ DATE: _____

INSTRUCTIONS

a) Write your name, school, stream & date in the spaces provided above.

b) Answer ALL questions in this booklet.

c) All answers must be given as per the guidelines of the question.

d) This question paper consists of **TWO** sections: A and **B**.

e) Answer ALL the questions in section A in the table below.

f) Answer ALL the questions in section B by working out in the spaces provided after each question.

g) Show all the working in section B in the spaces provided.

h) Non-programmable calculators may be used, except where stated otherwise.

i) Give non-exact numerical answers, correct to 3 significant figures and one decimal place for angles in degrees, unless a different level of accuracy is specified in the question.

j) For π, use either the calculator value or 3.142.

ANSWER SHEET - SECTION A

1.	2.	3.	4.	5.	6.		9.		12.		15.	16.	17.	18.	19.	20

LEARNER'S SCORE

	SCORES	TOTAL
A (Out of 20)		
B (Out of 80)		

This paper consists of 8 printed pages. Candidates should check the question paper to confirm that all pages are printed as indicated and that no questions are missing.

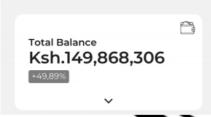*Write your answers in the table provided on the first page*

1. What is the place value of the digit 5 in the number 752,384,912?   **Working Space**
   A. Hundreds   C. Millions
   B. Thousands   D. Hundred millions

2. Write 94,867,203 in words.
   A. Ninety-four million, eight hundred sixty-seven thousand, two hundred three
   B. Ninety-four million, eight hundred sixty-seven, two hundred thi~~rteen~~
   C. Ninety-four million, eight hundred sixty-seven, twenty-three thousand
   D. Nine hundred forty million, eight hundred sixty-seven thousand, two hundred

3. Write 4,321,000 in words.
   A. Four hundred twenty-one thousand
   B. Forty-three million, two hundred ten thousand
   C. Four million, three hundred twenty-one thousand
   D. Four million, three hundred thirty-one thousand

4. The screenshot shows the total amount that Kasongo has in his account.

My Account

Total Balance
Ksh.149,868,306
+49,89%

Write the total balance in words.
   A. One hundred and forty-nine thousand, eight hundred and sixty-eight million, three hundred and six
   B. One hundred and forty-nine million, eight hundred and sixty-eight million, three hundred and six
   C. One hundred and forty-nine million, eight hundred and sixty-eight thousand, thirty-six
   D. One hundred and forty-nine million, eight hundred and sixty-eight thousand, three hundred and six

5. Which number corresponds '**seven million, two hundred and thirty-four thousand, one hundred and fifty-eight**'?
   A. 723,415,800   C. 7,234,158,000
   B. 72,341,580   D. 7,234,158

6. Round off 654,238 to the nearest hundred thousand.
   A. 650,000   C. 700,000
   B. 600,000   D. 600,238

7. Round off 12,563,299 to the nearest million?
   A. 12,000,000   C. 12,560,000
   B. 13,000,000   D. 12,500,000

8. Round off 42,8__,__01 to the nearest ten million?
   A. 40,000,000   C. 42,800,___
   B. 50,000,___   D. 43,___,000

9. Round off 67,8__2,134 to the nearest hundred million?
   A. 500,000,000   C. 670,000,000
   B. 600,000,000   D. 600,000,1__

10. Which of the even numbers is a prime number?
    A. 8   C. 11   D. 13

11. Find the next number in the sequence.
    2, 6, 18, ____
    A. 108   B. 162   C. ___   D. 94

12. Which of the following numbers is divisible by 3.
    A. 334   B. 201   C. 22__   D. __01

13. All the following numbers are divisible by 4. Which one is **NOT**?
    A. 128   B. 248   C. 804   D. 329

14. All the numbers below are divisible by ___ except
    A. 99   B. 136   C. 180   D. 234

15. Which number is divisible by 11?
    A. 8194   B. 7195   C. 2794   D. 4966

16. Find the GCD of 20, 30 and 50
    A. 5   B. 10   C. 15   D. 20

17. Find the LCM of 6, 9 and 12

A. 36   B. 3   C. 12   D. 6

18. Find the length of the square garden below.

Area = 625m²

A. 20m   B. 22m   C. 25m   D. 28m

19. Arrange the following fractions in ascending order. $\frac{3}{10}, \frac{2}{7}, \frac{4}{5}, \frac{1}{2}$

A. $\frac{2}{7}, \frac{3}{10}, \frac{4}{5}, \frac{1}{2}$ C. $\frac{1}{2}, \frac{2}{7}, \frac{3}{10}$

B. $\frac{4}{7}, \frac{1}{2}, \frac{4}{10}, \frac{2}{7}$ D. $\frac{1}{2}, \frac{2}{7}, \frac{4}{7}, \frac{3}{10}$

20. A Math teacher at Mali Sabandi Junior School takes 6.15 minutes to mark one book. How long does it take to mark books of 40 learners?

A. 25 mins   C. 246 mins
B. 200 mins   D. 22 mins

SECTION B (80 marks)

Work out in the spaces provided after each question.

21. Round off the following numbers as indicated in the brackets.
    a) 10,041 (to the nearest tens)   (2 marks)

    b) 467,256 (to the nearest hundred thousands)   (2 marks)

    c) 156,615,005 (to the nearest ten millions)   (2 marks)

    d) 78,780 (to the nearest hundreds)   (2 marks)

e) 1,501 (to the nearest thousands)   (2 marks)

22. Express each of the following numbers as a product of its prime factors.
   a) 300   (3 marks)

   b) 243   (3 marks)

   c) 72   (3 marks)

   d) 108   (3 marks)

   e) 625   (3 marks)

23. Convert the following fractions to percentages.

a) $\frac{2}{25}$ (2 marks)

b) $\frac{3}{4}$ (2 marks)

c) $\frac{39}{50}$ (2 marks)

d) $\frac{99}{100}$ (2 marks)

e) $\frac{17}{20}$ (2 marks)

24. Work out:

a) $\frac{1}{2} \div 4$ (3 marks)

b) $\frac{3}{4} \div 3$ (3 marks)

c) $2\frac{3}{4} \div 5$ (3 marks)

d) $3\frac{2}{5} \times 20$ (3 marks)

e) $9\frac{1}{2} \times 18$ (3 marks)

25. Evaluate:
    a) 0.91×46 (2 marks)

    b) 2.825×70 (2 marks)

    c) 5.19×1 (2 marks)

    d) 0.9×9 (2 marks)

    e) 30.6×3 (2 marks)
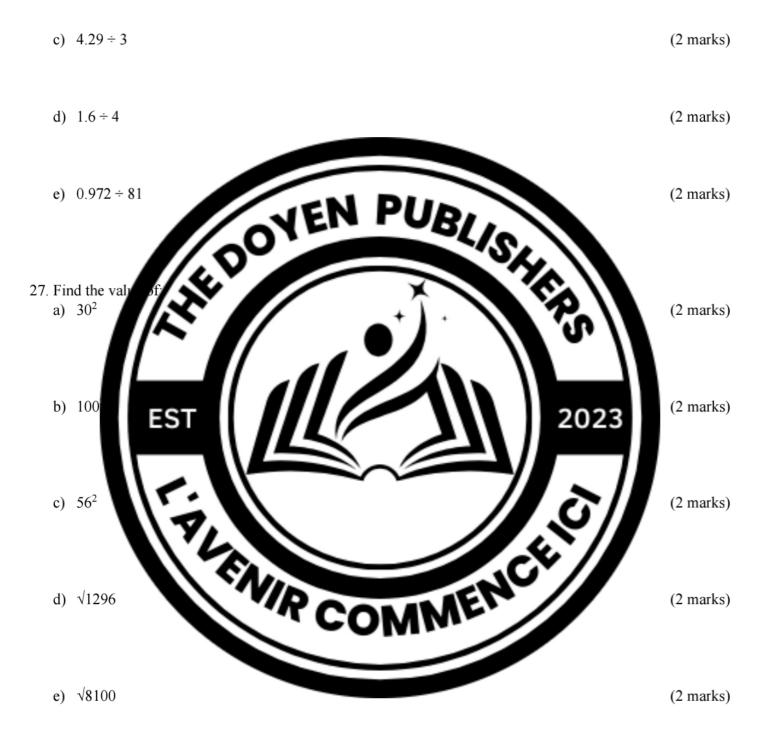
26. Work out:
    a) $82.4 \div 2$ (2 marks)

    b) $100.5 \div 10$ (2 marks)

c) $4.29 \div 3$ (2 marks)

d) $1.6 \div 4$ (2 marks)

e) $0.972 \div 81$ (2 marks)

27. Find the value of:
    a) 30^2 (2 marks)

    b) 100 (2 marks)

    c) 56^2 (2 marks)

    d) $\sqrt{1296}$ (2 marks)

    e) $\sqrt{8100}$ (2 marks)

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