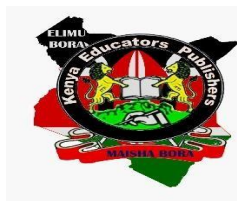


KENYA EDUCATORS CONSULTANCY EXAMS



JUNIOR SECONDARY SCHOOL GRADE 7 END TERM 1 SERIES 2 EXAM- 2023 MATHEMATICS

Time: 2 hours

Name..... School.....

INSTRUCTIONS TO CANDIDATES:

.Do not open the booklet until you are told to do so.

.Read each question carefully.

.Answer ALL the questions.

.Write your answers, in either blue or black ink, in the spaces provided in the booklet

FOR EXAMINERS ONLY

Questions	Candidate Score	Candidate performance level
1-19 Out of 50 marks		

1. During a certain year, the government allocated sh.154 538 294 toward the purchase of school textbooks. Write the amount in words. (2 mks)

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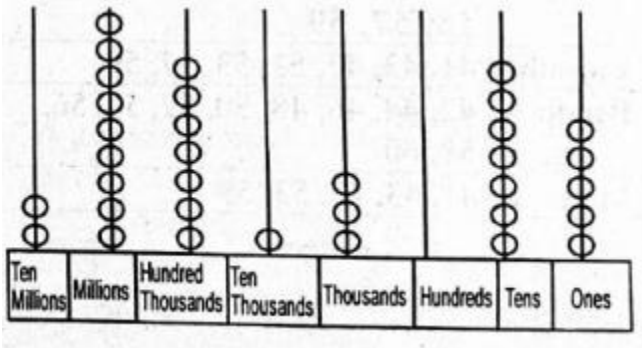
2. What is the place value of digit 7 in the number 27 894 891? (2 mks)

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3. What is the difference between the largest four digit number and the smallest three digit number? (2 mks)

4. By how much is the value of digit 4 greater than the value of digit 8 in the number 3425869? (2 mks)

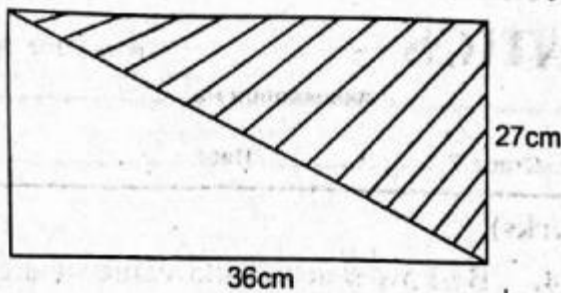
5. What is the number represented in the abacus below in words. (2 mks)



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6. Grade 6 learner made the figure below. What is the area of the shaded part? (2 mks)



7. Grade 7 learners were asked by their teacher to list the prime numbers between 40 and 60. They listed as with a follows:

Amani	41, 43, 45, 47, 49, 51, 53, 55, 57, 59
Zawadi	41, 43, 47, 51, 53, 57, 59
Pendo	42, 44, 46, 48, 50, 52, 54, 56, 58, 60
Maria	41, 43, 47, 53, 59

Who among the four learners was correct? (2 mks)

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8. What is the product of 285 and 119? (2 mks)

9. Arrange the following numbers in ascending order. 30 480, 31 480, 24 480, 36 480 (2 mks)

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10. Mr. John's piece of land is in form of a square of arca 8100m². What is the 4 measure of each side of the farm? (2 mks)

11. A school has 586 boys and 384 girls. The school bought 1160 face masks. If each learner was given a mask, how many masks remained? (2 mks)

12. 3 bells ring at intervals of 30 minutes, 48 minutes and 1 hour, if they rang together at 9.00am, at what time will they ring together again? (2 mks)

13. Lemayan bought $12\frac{7}{8}$ m of a string. He used $9\frac{5}{6}$ m. How many metres of the string remained? (2 mks)

14. Express $\frac{3}{4}$ as a percentage. (2 mks)

15. Kioko jumps 3.5784 metres during a competition. Round off the distance to the nearest thousandth. (2 mks)

16. Which of the following fractions is equivalent to $\frac{7}{9}$? (2 mks)

- A. $\frac{14}{27}$
 - B. $\frac{28}{45}$
 - C. $\frac{63}{81}$
 - D. $\frac{21}{36}$
-
-

17. Subtract 8.496 from 12 (2 mks)

- A. 3.504
- B. 4.496
- C. 4.504
- D. 3.496

18. A motorist covered 8km 750m and another 6km 830m. What was the total distance covered in kilometers? (1mk)

19. Simplify the inequality (2mks)

$$3y - 4 > 14$$