SMILE EDUCATION CONSULTANCY BUSUNJU
P.4 End of Term III Examination 2023
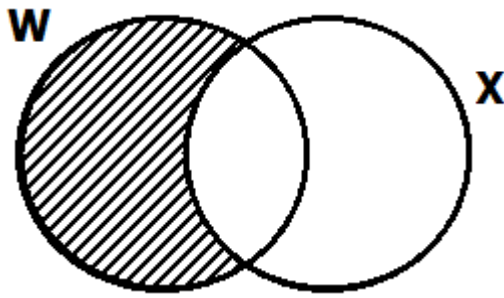## <u>Mathematics.</u>
Time allowed: 2 hours and 15 minutes

Name: _____

<u>SECTION A: (40 marks)</u>

1. Work out:

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    5  4
 +  3  3
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2. Write 2,202 in words.

3. A boy started walking to school at 6:30 in the morning. He took one hour to walk from home to school. At what time did he reach school?

4. Change $^7/_3$ into a mixed number.

5. Find the next number in the given sequence: 48, 43 , 38, 33, 28, _____.

6. Write 25 in Hindu Arabic numerals.

7. Describe the unshaded region in the Venn diagram below.

8. Find the product of the second and fifth whole numbers.

9. What is the LCM of 8 and 12?

10. Find $^2/_7$ of 28 balls.

11. A shirts costs sh.2300 in Nakasero Market. How much money do 3 such shirts cost at the same rate?

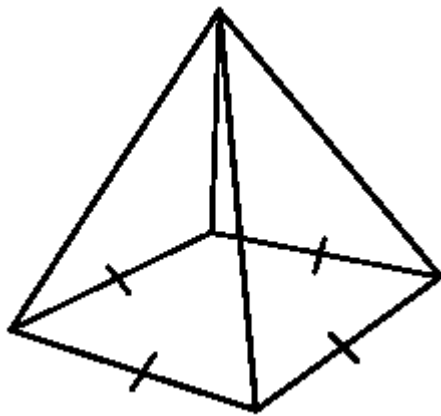12. What is the place value of 2 in 42,641?

13. Find the missing number in the following: ☐ + 2 = 27.

14. Convert 2 metres to centimetres.

15. What name is given to the figure below?

16. Find the difference between 8712 and 5411.

17. If represents 9 cups, how many cups are represented by the pictures?

18. A school hired 6 buses each carrying 53 pupils to go for a tout. How many pupils went for the tour?

19. Draw a trapezium in the space provided below.

20. Add:
Kg	g
75	380
+ 48	190

Section B: (60 marks)

21. Joyce went shopping and she bought the following items.

    1Kg of sugar at sh. 4000

    A litre of cooking oil at sh. 5000

    A pencil at sh. 500

    A cluster of bananas at sh. 2000

(a) How much money did Joyce pay for 2 litres of cooking oil?   **(2 marks)**

(b) What is the cost of a kilogram of sugar and a cluster of banana?   **(2 marks)**

(c)   If Joyce had 20,000 before buying the items. Calculate her change after buying all the items.   **(2 marks)**
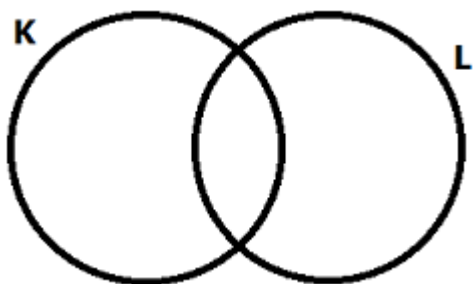
22.   Given that K = {All even numbers between 10 and 20} and Set L = {All multiples of 3 less than 20}.

(a)   List all members of: **(1 mark each)**

(i)   set K = {   }

(ii)   set L = {   }

(b)   Represent set K and Set L on a Venn diagram.   **(3 marks)**

(c)   Find n(K ∩ L)   **(1 mark)**

23(a) Work out: 165 ÷ 5   **(2 marks)**

(b)   Nalumansi had 3146 cows on his farm. He sold 2837 cows and the remaining cows produced 340 more cows. How many cows are on his farm now?   **(3 marks)**

24.   Solve for the unknowns.   **(2 marks each)**

(a)   [   ] x 7 = 21   (b)   22 − [   ] = 19

25.   **Study the calendar below and use it to answer the questions about it.**

August − 2017

Sun.	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

(a)   Which month of the year is shown above?   **(1 mark)**

(b)   How many Saturdays are in the month?   **(1 mark)**

(c)   Adam has a piano lesson once a week every Monday. How many lessons will he do in August?   **(1 mark)**

(d)   Abdul will celebrate his birthday on 29th August 2017, on which day will it take place?   **(1 mark)**

(e)   On which day will the next month begin?   **(1 mark)**

26(a) Draw the following shapes.   **(2 marks each)**

cone	cylinder

(b)   How many rectangles are in the figure below?   **(1 mark)**

27(a) List all the factors of 16.   **(2 marks)**

(b)   Find the sum of the fourth and ninth multiple of 6.   **(3 marks)**

28.   A trader had 60 eggs in a basket and sold $^2/_3$ of them to Mary.

(a)   How many eggs did Mary buy?   **(2 marks)**

(b)   Find the number of eggs the trader remained with.   **(1 mark)**

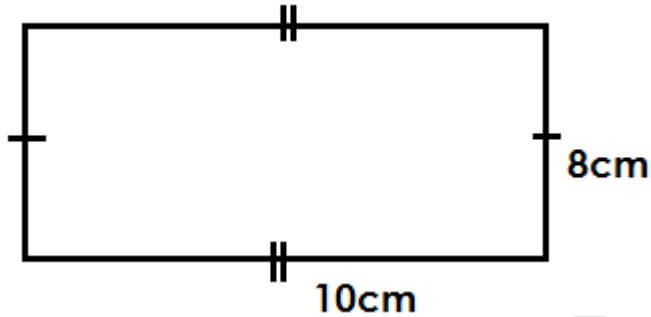(c)   If he sold each of the remaining eggs for sh.300, how much money did he get?
                                                                            (2 marks)

29(a). Subtract: **Litres**   **Millilitres**   **(2 marks)**

	12	356
−	7	294

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(b)   Calculate the total distance around the figure below   **(2 marks)**

30(a) What number has been expanded to give 70000 + 5000 + 200 + 80 + 8?

(2 marks)

(b)   Find the sum of the value of 9 and the value of 6 in 9067.   **(3 marks)**

31.   **Use <, > or = to complete the mathematical statements below.**

(1 mark each)

(a)   18 + 3 _____ 25 – 4   (b)   2 weeks _____ 12 days

(c) XIV _____ XIX   (d) 3m _____ 200cm

32. During a sports competition at Mpengere Primary School, the following four colours competed and performed as shown below.

Colours	Tallies	Points scored
Green	� 〢	_____
Yellow	_____	10
Red	〤〤 〣	_____
Blue	_____	8

(a) Complete the table above.   **(4 marks)**

(b) Calculate the total points scored by all the colours.   **(2 marks)**

END