**SHIMONI DEMONSTRATION SCHOOL-KIRA**

**END OF YEAR EXAMINATIONS 2022**

**P.5 MATHEMATICS**

**TIME: 2 HRS 30MIN**

**NAME: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_INDEX NO. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Read the following instructions carefully.**

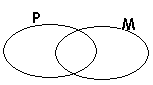
1. This paper is made up two section: A and B
2. Section A, has 40 short answer questions (40 marks)
3. Section B, has 15 questions. (60 marks)
4. Answer all questions. All answers for section A and B must be written in the spaces provided.
5. All answers must be written using a blue or black ball-point pen or ink. Diagrams should be drawn in pencil.
6. Unnecessary alteration of work will lead to loss of marks.
7. Any handwriting that cannot easily be read may lead to loss of marks.
8. Do not fill anything in the boxes indicated for official use only.

|  |  |  |
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| **FOR OFFICIAL USE** | | |
| **SECTION** | **MARKS** | **T/L MARKS** |
| A |  |  |
| B |  |  |
| **TOTAL** |  |  |

**SECTION A( 40 MARKS)**

1. Add: 3049 + 91
2. Subtract: ¼ from 2/3
3. Workout : 23 + 20.
4. Simplify: -7 - -5
5. Find the L.C.M of 16 and 18.
6. Solve: 2y + 3 = 11
7. Work out: 2 1 3five

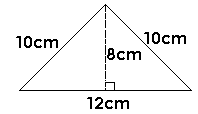
+ 3 1 3five

1. Expand 4,576 using powers of ten.
2. Write XCIX in Hindu Arabic system.
3. Express 1½ hrs as minutes.
4. How many lines of symmetry does the figure below have?
5. Given that represents 10 flowers. How many flowers are represented by ?
6. Round off 246 to the nearest hundreds.
7. Shade M only in the venn diagram below.
8. Subtract: Hrs Min

7 30

- 4 45

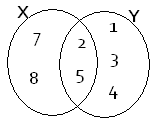
1. How many coins of shs.500 make five thousand shillings?
2. Find the GCF of 12 and 18.
3. Find the area of the triangle below.



1. Multiply: 2/3 x ¾
2. A loaf of bread costs 1800/=. How much will 5 loaves of bread cost?

**SECTION B**

1. Study thevenn diagram below and answer questions about it.



1. List the elements of Set X. (1 mk)
2. List the elements of (X – Y) (1 mk)
3. Find n(Y U X) (2 mks)
4. Find X ∩ Y (1 mk)
5. (a) Shade 2/5  in the diagram below. (2 mks)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
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|  |  |  |  |  |

(b) Find ¾ of 12 cows. ( 2mks)

(c) How many half litre bottles can be got from 5 litres of water? (2 mks)

1. Add b) Change 2 hours to minutes

Hrs Min

2 30

+ 3 45

c) A cyclist left Kampala to Jinja travelling a speed of 60km/hr for 3 hours, find the distance between Kampala and Jinja.

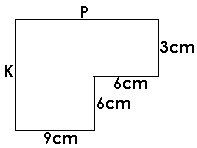
1. Prossy went shopping and bought the following items;

2kg of beans at 2,000/=@kg.

1 ½ kg of rice at 2,400/= @ kg

500g of meat at 3,000/=@ kg

2 bars of soap at 3000/=

1. Calculate her total expenditure. (4 mks)
2. If she had 20,000/=, what was her change? (2 mks)
3. If X= 4, Y = 3 and P = 5.
4. Evaluate : XYP (2 mks)
5. Work out: XY – P (2 mks)
6. Use < ,> or = to complete the statements below.
7. 0 x 6 x 1 ………… 0 + 6 + 1 (1 mk)
8. 28 days ………… 3 weeks (1 mks)
9. ½ of 12 ………... ¾ of 8 (1 mk)
10. 0.3 …………………. 7/10
11.  Study the figure below and use it to answer questions that follow.
12. Find the value of
13. K (2mks)
14. P (2 mks)
15. Work out the perimeter of the figure above. (2 mks)
16. Scovia scored the following marks in her holiday package.

MTC - 90

SCE - 85

SST - 60

ENG - 85

R.E - 45

(a) Find Scovia’s modal score.

(1 mk)

1. Calculate her mean mark.

(2 mks)

1. Work out Scovia’s range.

(2 mks)

29. (a) Reduce 6/12  to its lowest term.

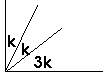
(2 mks)

(b) Change 0.25 to a common fraction (2 mks)

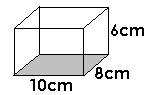
30. (a) What is the place value of 3 in 1320five.(2 mks)

1. Work out :

3 sevens + 7 threes. (3 mks)

1. Find the value of the missing angles. (3 mks @)
2. 
3. 

32. Study the figure below.



1. How many vertices has the figure? (1 mk)
2. Find the area of the base. (shaded face) (2 mks)
3. Calculate the Volume

of the figure above. (3 mks)

**WISH YOU SUCCESS**