# END OF TERM II EXAMINATION 2017
# PRIMARY FOUR
## <u>MATHEMATICS</u>

*Time allowed: 2 hours   30 minutes*

**Name:** _____

**School:** _____

**Read the following instructions carefully:**

**1.** The paper has **two** sections:  **A** and **B**

2. Section **A** has 20 short questions (40 marks)

3. Section **B** has 12 questions (60 marks)

4. Answer **ALL** questions.  All answers to both Sections 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 may lead to loss of marks.

7. Any handwriting that cannot be easily read may lead to loss of marks.

8. Do **not** fill anything in the boxes indicated for Examiner's use only.

*Turn over*

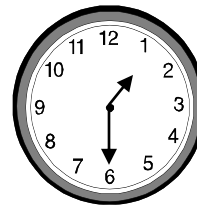**SECTION A: 40 MARKS (2 marks each)**

1. Add:
```
   4  2
 + 3  7
 ───────
```

2. What is the value of 3 in 4362?

7. Name angle p.

3. P
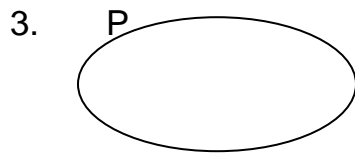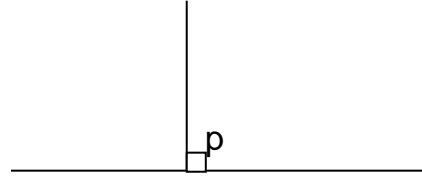
(i) How many elements has set P?

(ii) What name is given to set P?

8. Tell the time.

9. Find the distance around the figure below.

5cm    7cm
   6cm
   8cm

4. Find the missing numbers in the sequence.
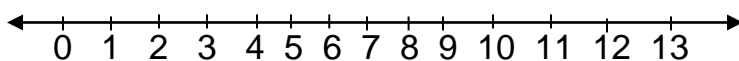0, 2, 4, 6, 8, ___, 12, ____, 16.
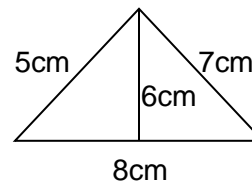
5. Add: $\dfrac{5}{9}$ + $\dfrac{2}{9}$

10. Fill in the missing number.

☐ + 4 = 11

11. Expand 6793 using values.

6. Use a number line to work out:

4 + 5 = _____

0 1 2 3 4 5 6 7 8 9 10 11 12 13

12. If ◯ represents 100 people. How many people will ◯ ◯ ◖ ?

13. One apple costs shs. 1000. Find the cost of 4 similar apples.

14. Measure line PQ.

P ——————————————— Q

15. If R = 36, find the value of $\frac{R}{3}$

16. Write 12¼ as an improper fraction.

17. There are 120 oranges in 2 bags. How many oranges are in each bag?

18. Complete correctly.

4x2 = ___+___+___+___=_____
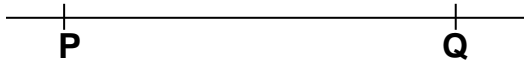
19. How many months are in 3 years?

20. Name the shape below.
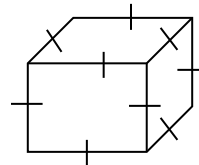


**SECTION B: (60 MARKS)**

21. In a class of 50 pupils $\frac{3}{5}$ of them are girls and the rest are boys.

(a) Find the fraction of boys. *(1 mark)*

(c) Jane bought all the items in the price list, how much did he pay altogether? *(2 marks)*

(b) How many girls are in the class? *(2 marks)*

23(a) What is the place value of 5 in the number 4537? *(1 mark)*

(c) How many boys are in the class? *(2 marks)*

22. Use the price list below and answer the questions that follow.

| ITEM | PRICE |
|---|---|
| A bar of soap | sh. 2000 |
| A litre of milk | sh. 1000 |
| A kg. of rice | sh. 3000 |
| A tin of blue band | sh. 2500 |

(a) Find the cost of 2 tins of blue band. *(1 mark)*

(b) Okello bought 2 bars of soap and 1kg of rice. How much did he pay? *(2 marks)*

(b) Nanteza picked XXIV mangoes. Change the number of mangoes into Hindu-Arabic numerals. *(2 marks)*

(c) What number has been expanded to give;
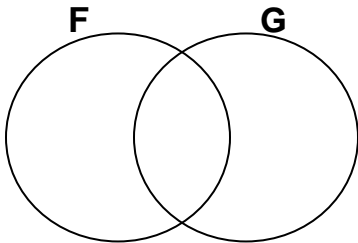9000 + 600 + 50 + 3? *(1 mark)*

(i)     edges

(d)     Round off 5617 to the nearest thousands.          *(2 marks)*

(ii)    vertices

(iii)   faces

24.     Given that **F** = {a, b, c, d, e} and
                **G** = {b, d, f, g, h}
(a)     Show the members of **F** and **G** on the venn diagram below. *(3 marks)*

**F**                    **G**

(b)     Find area of shaded face.
                                *(2 marks)*

(b)     What is F∪G?          *(1 mark)*

(c)     Find the volume of the figure.
                                *(2 marks)*

(c)     What is F∩G?          *(1 mark)*

25.     **Use the figure below to answer the questions that follow**.

4cm

3cm

5cm
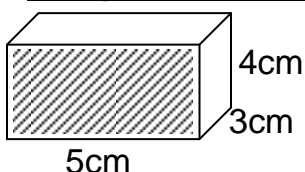
(a)     Find the number of; *(1 mark each)*

26 Complete the magic square. *(4 marks)*

| 9 |   | 7 |
|---|---|---|
|   | 6 | 8 |
| 5 |   | 3 |

6

27. Solve the following equations.
                    *(1 mark each)*
(a)    x + 6 = 14

(b)    Draw a triangular pyramid.
                              *(2 marks)*

(b)    p ÷ 4 = 6

29a)  What is ¾ of 12?          *(2 marks)*

(c)    m x 4 = 16

(b)    Find the missing number $\dfrac{1}{2} = \dfrac{\square}{12}$
                              *(1 mark)*

(d)    y - 9 = 8

28(a) Using a ruler, a pencil and a pair of compasses only, construct an equilateral triangle of side 4cm.
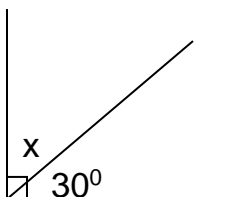                              *(3 marks)*

(c)    Paul ate $\dfrac{1}{10}$ of a sugarcane on Monday and $\dfrac{5}{10}$ of the sugarcane on Tuesday. What fraction of the sugarcane did he eat altogether?
                              *(2 marks)*
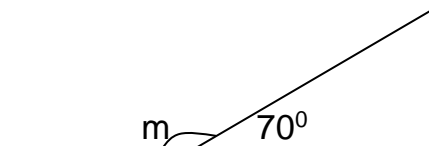
30. Find the unknown angles.
    *(2 marks each)*

(a)



31a) How many months are in 3 years?
    *(2 marks)*

(d) List down all months with 30 days.
    *(1 mark each)*

(b)



32. **The table shows the number of goals scored by different teams in the inter-house netball competitions. Use it to answer the questions that follow.**

| TEAM | NUMBER OF GOALS | | | |
|------|------|------|------|------|
| Yellow | ⊮ | ⊮ | // | |
| Blue | ⊮ | // | | |
| Red | ⊮ | ⊮ | // | |
| Green | ⊮ | ⊮ | ⊮ | /// |

(a) How many goals were scored by Blue? *(1 mark)*

(b)    Which teams scored the same number of goals?                    *(1 mark)*

(c)    Which team won the competition?                                  *(1 mark)*

(d)    Find the total number of goals scored by the four teams.         *(2 marks)*

***Good Luck***