# SUUBI CHRISTIAN SCHOOLS

## END OF TERM II EXAMINATIONS

**SUBJECT:** MATHEMATICS

**CLASS:** PRIMARY FIVE

**DURATION:** 2 Hours 30 Minutes

**Name:** _____

**Date:** _____Week Memory Verse: _____

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**READ THE FOLLOWING INSTRUCTIONS CAREFULLY**

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

2. Section **A** has **20** questions **(40 Marks)**.

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

4. Attempt all questions in both sections.
   **All** answers to both sections **A** and **B** must be written in the spaces provided.

5. All answers must be written in blue or black ball point pens or ink. Only diagrams and graph work must be done in **pencil**.

6. Unnecessary **alteration** of work will lead to loss of marks.

7. Any **handwriting** that cannot be easily Read may lead to loss of marks.
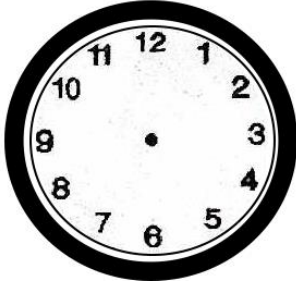
8. Do not fill anything in the boxes

**Please Turn Over**

## SECTION A: 40 MARKS
Attempt all questions in this section.
Questions **1** to **20** Carry two Marks each.

| | | | |
|---|---|---|---|
| 1. | If 9, 5 and 4 are digit numbers, form the smallest digit number. | 2. | Find the sum of the next two numbers in the sequence below; 36, 37, 39, 42, _____, _____. |
| 3. | Express 150minutes as hours. | 4. | Draw set **A** and **B** and shade the region **B − A.** |
| 5. | Prime factorise **36** using factor tree method. | 6. | When $m$ is added to **9**, the result becomes **12**. Find the value of $m$. |
| 7. | Using a protractor and a pencil only, draw an angle of $75^0$**.** | 8. | Show a quarter to 3 o'clock on the clock face below; |

| | | | |
|---|---|---|---|
| 9. | Tim had $\frac{2}{3}$ of a cake and he was given more $\frac{1}{2}$ of the cake. Find the total fraction of the cake he has now. | 10. | Work out: $\quad\begin{array}{r} 3\ 2\ 4_{\text{five}} \\ +\ \ 1\ 1\ 2_{\text{five}} \\ \hline \\ \hline \end{array}$ |
| 11. | Solve: $3y = 39$ | 12. | Simplify: $^+3 - {}^-4$ |
| 13. | Given that set $X = \{a, b, c, d, e\}$ and Set $Y = \{a, b, r, e, d\}$. Find $n(XUY)$ | 14. | Work out: $\quad\begin{array}{r} \text{sh.}9400 \\ +\ \text{sh.}4500 \\ \hline \end{array}$ |
| 15. | If ▭ represents 12 books. How many books are represented by 36 such pictures? | 16. | Add: $\quad\begin{array}{c c} \text{km} & \text{m} \\ 2 & 900 \\ +\ \ 3 & 600 \\ \hline \\ \hline \end{array}$ |
| 17. | Change $0.47$ to a fraction | 18. | A tray has 30 eggs. How many eggs are on 7 trays? |

| 19. With the help of a pair of compasses, a ruler and a pencil, construct **90⁰** accurately. | 20. Work out the area of the figure below. |
|---|---|

$90^0$

6cm

3cm

4cm

2cm
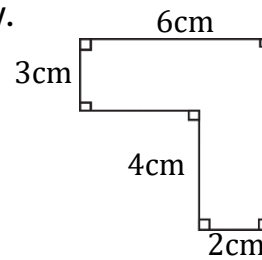
**SECTION B: 60 MARKS**
Attempt **all** questions in this section.
Marks for **each part** of the question are **indicated** in the **brackets.**

21. The graph below shows the number of watermelons sold by Mr. Okema in Kawanda Research Centre in a week. Study and use it to answer the questions that follow.
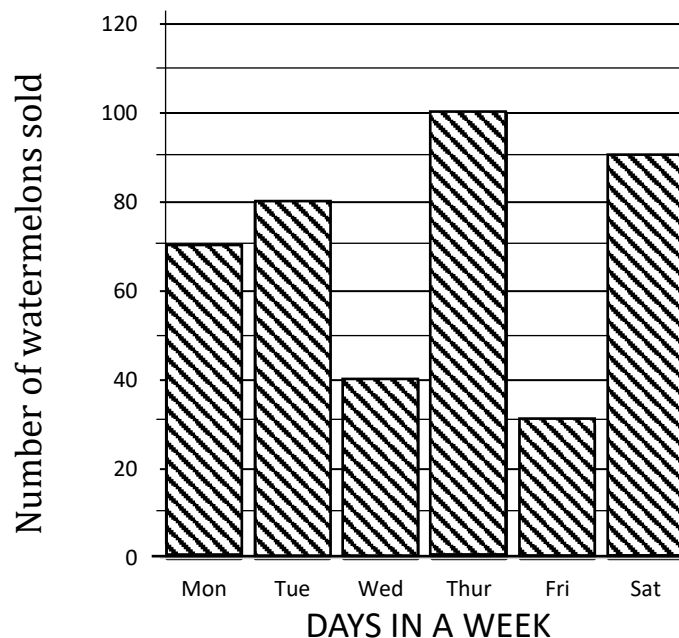


a) How many watermelons were sold on Friday?          (01 Mark)

b) When did he sell ninety watermelons?               (02 Marks)

c) If he sold each watermelon at sh.2000, how much money did he collect on Wednesday?                                      (02 Marks)

**22.** Given that set P={0,2,4,6,8,10} and set Q={1,2,3,4,5,6,7}

   a) Represent the two sets on the Venn Diagram below          (03 Marks)
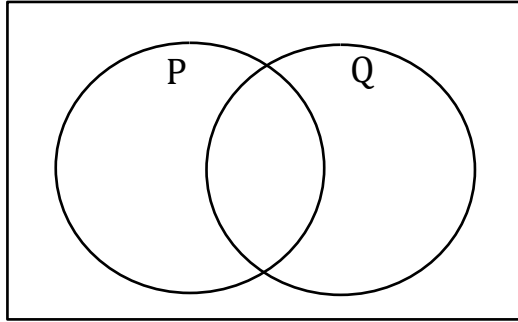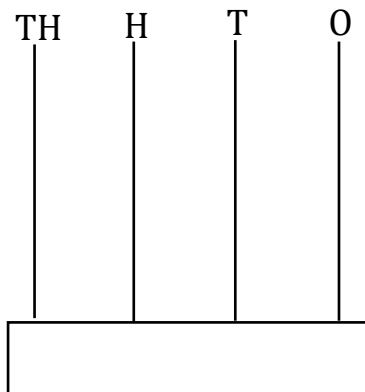


   b) How many elements are in the intersection set?          (02 Marks)

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**23.** a) Work out the difference between the sixth and the seventh triangular numbers          (03 Marks) | b) Find the square root of 36          (03 Marks)

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**24.** a) Write the place value of **9** in **4965**          (02 Marks ) | b) Write in short: 4000 + 90 + 7          (02 Marks)

   c) Show the single number formed in b) on the abacus          (01 Mark)



TH     H     T     O

| 25. | a) How many two thousand shilling notes are in a fifty thousand shilling note? (02 Marks) | b) Juma bought two school bags. If the rate of each bag is **sh.20,000**. How much money did he have if he was given change of **sh.10,000?** (03 Marks) |
|---|---|---|
| 26. | a) Subtract $\frac{1}{3}$ from $\frac{1}{2}$ (02 Marks) | b) Work out 4.32 – 3.07 + 1.02 (03 Marks) |

27. Find the missing numbers.

a) ☐ $+ 4 = 9$ (02 Marks)

b) ☐ $- 9 = 3$ (02 Marks)

c) ☐ $\div 3 = 6$ (02 Marks)

| 28. | Using a pair of compasses, a ruler and a pencil only, construct a regular hexagon whose radius is **4cm**. (05 Marks) |

| 29. | a) Work out: $402 \times 3$ (02 Marks) | Divide: (02 Marks)<br><br>$6\overline{)3\ 6\ 2\ 4}$ |

| 30. | Subtract:  kg          g (02 Marks)<br><br>   6          900<br>$-$<br>   3          500<br>_____<br><br>_____ | b) How many grammes are in **4.2kg**? (02 Marks) |

| | | | |
|---|---|---|---|
| 31. | Use the cuboid below to answer the questions that follow.<br>a) Find the number of;<br><br>**3cm**<br><br>**4cm**<br>**6cm** | b) Work out the volume of the above cuboid. (03 Marks) | |
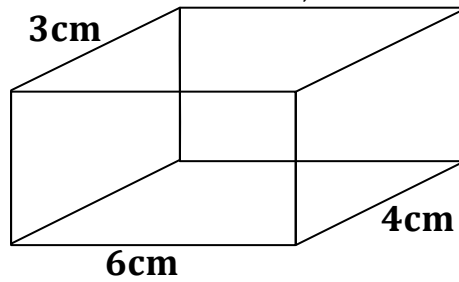
i)  Faces _____ (01 Mark)

ii)  Edges _____ (01

Mark)

iii)  Vertices _____ (01

Mark)

| | | | |
|---|---|---|---|
| 32. | a) Work out: (02 Marks)<br><br>**Hours**  **Minutes**<br>  6       2 2<br>— 2       4 8<br>_____<br><br>_____ | b) Complete the table below. (02 Marks) | |

| **Weeks** | 1 | 4 | |
|---|---|---|---|
| **Days** | 7 | | 42 |

**END!**