DIVINE EDUCATION CENTRE

**END 0F TERM 1 EXAMINATION 2024**

MATHEMATICS – P.5

***Time Allowed: 2hrs 30min***

**Name:………………………………………………………………………………**

**Stream…………………**

**SECTION A: 40 MARKS**

1. Subtract: 5 9

- 1 7

1. Write 49 in Roman numerals.
2. In the venn diagram below, shade the complement of set P

Q P

1. Solve: w – 3 =9
2. Express 3 hours as minutes.
3. Write “Eleven thousand, eleven” in figures.
4. If  represents 3 trees. How many trees are represented by



1. Add:  **+**

1. Find the next number in the sequence:

1, 3, 6, 10, \_\_\_\_\_

1. How many lines of folding symmetry has the figure below?
2. Given that A = {all vowel letters}. Find n(A)
3. Sam is 6 years old, Annet is 4 years older than Sam. What is their total age?
4. Expand 3,276 using values.
5. In the space below, draw a cylinder.
6. Express as a mixed fraction.

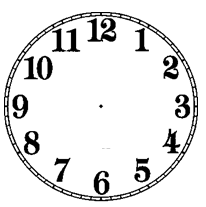
1. Find the L.C.M of 3 and 4
2. How many half litre cups of water can be got from a ten litre jerrycan of water?
3. Work out the area of the figure below.

6cm 3cm

8cm

1. The cost of 2 books is sh. 3,600. Find the cost of 3 similar books.

1. Tell the time.



**SECTION B:60 MARKS**

1. Given that venn diagram below and use it to answer the questions that follow.

P Q

p

a i

e k

u o r

1. List all the elements of set P (1mark)
2. Find n(P U Q) (2marks)
3. How many members are in the complement of set P? (2marks)
4. (a)There are twenty three desks in a class. If each desk has three pupils how many pupils are in the class? (2marks)

(b)Workout: (2 marks)

6 606

1. Find the size of the unknown angels in degrees.
2. (2marks)

460

y

1. (2marks)

x

540

1. Given the digits 3, 0 and 4.
2. Form the smallest 3-digit number using the above digits. (1mark)
3. Form the largest 3-digit number using the above digits. (1mark)
4. Find the difference between the largest and the smallest 3-digit numbers formed. (2marks)
5. (a)Using a pair of compasses, a pencil and a ruler only, construct a square of sides 5cm. (4marks)

(b) Calculate the perimeter of the above square. (1mark)

1. Given that a =2 , b = 3 and c = 4

Find the value of (2marks@)

1. a + b + c

1. 2a + c
2. bc

a

1. A man went to the market and bought the following items.

* 2kg of rice at sh. 2,300 each kg.
* 3 kg of sugar at sh. 3,000 a kg.
* 5 bars of soap at sh. 15,000.

1. What was his total expenditure? (3marks)
2. If he was given one thousand shillings as his change, how much money did he have at first? (2marks)
3. Given the figure below.
4. Workout the area of the shaded part (2mrks)

3cm

2cm

6cm

(b) Calculate the volume of the above figure. (2marks)

(c)What name is given to the above figure? (1mark)

1. (a) Solve (2marks@)
2. 2a – 3 = 7
3. b = 3

5

1. I think of a number, when I double it, the result is 18. What is the number?

(2marks)

1. Study the magic square below and answer the questions that follow.

|  |  |  |
| --- | --- | --- |
| 8 | 1 | 6 |
| a | 5 | b |
| 4 | c | d |

1. Find the magic sum. (1mark)

1. Find the value of; (4marks)
2. a
3. b
4. c
5. d
6. (a) Change 21 days to weeks. (2marks)

(b) Workout: (2marks@)

Weeks days weeks days

3 4 4 3

+ 5 2 - 2 5

1. Study the bar graph below and use it to answer questions that follow.

25

NUMBER OF PUPILS

20

15

10

5

0

P1 P2 P3 P4 P5

CLASSES

1. Which class has the least number of pupils? (1mark)
2. How many more pupils are in P.3 than in P.4? (2marks)
3. Find the total number of pupils in all the five classes. (2marks)

**\*\*END\*\***