



# Negombo Educational Zone

## Second Term Evaluation - 2024

Grade - 6

Mathematics

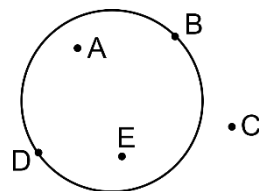
Time - 2 hours

Name -

Part - 1

Answer all the questions from 1 to 20 on this paper itself.

1) Which letters are inside the circle?



2) Fill in the blanks

There are ..... sides in a triangle and ..... sides in a quadrilateral.

3) Add

$$5632 + 156 + 29 =$$

4) Write in numerals

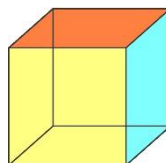
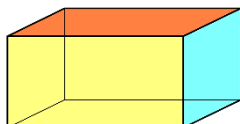
One million eight hundred twenty five thousand two hundred and seven

5) In the number ' 4536 '

a) Write the value represented by 5 .

b) Write the place value of 3 .

6) Name the solids given in the figures below.



7) Match

Number	When rounded off to the nearest 10
58	
69	60
62	
74	70

8) Simplify

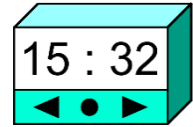
$$1200 \div 100 =$$

9) Express in hours and minutes

$$247 \text{ minutes} =$$

10) Write the numbers suitable for the box, to divide the number  $432\boxed{\phantom{00}}$  by 5 without any remainder.

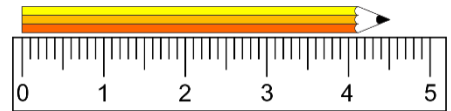
11) Write the time shown in the clock face in 12 hour clock time.



12) Write the next two terms of the number pattern given below.

4, 9, 14, ....., .....

13) Write the length of the pencil in *cm* and *mm*.



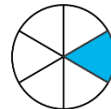
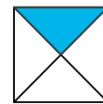
14) In this figure,

i) Name an object which is on a horizontal plane

ii) Name an object which is on a vertical plane

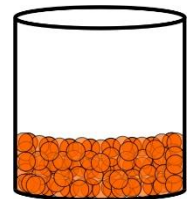


15) If the fraction represented in the figure is a unit fraction, mark it by using a “✓” under the figure.



16) Write in millilitres.  $3l\ 25ml =$

17) Number of beads in the bottle given is 24. Estimate the number of beads that can be filled into the bottle.



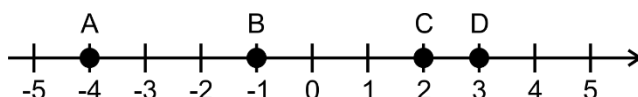
18) Fill in the boxes.

All the factors of 12 is 1, 2,  $\boxed{\phantom{00}}$ , 4,  $\boxed{\phantom{00}}$ , 12.

19) Circle the second decimal place and use a “X” on the first decimal place.

23.56

20) Write the integers represented on the number line.



A - .....

B - .....

C - .....

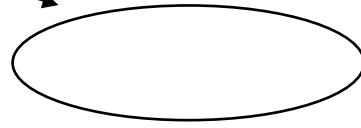
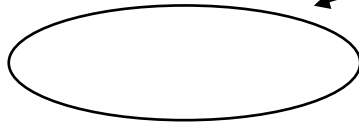
D - .....

## Part - 11

- Answer the first question and another four questions.
- First question carries 16 marks and the others carry 11 marks each.

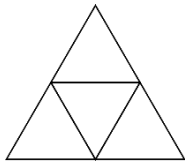
1) (a) Separate the following into 2 groups according to a common characteristic and name them.

Square, Cube, Parallelogram, Tetrahedron, Rectangle, Cuboid



( 5 marks )

(b)



i) Which solid object can be made by using this net?

( 2 marks )

ii) How many edges, vertices and faces are there in it?

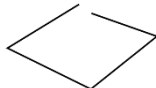
( 3 marks )

(c) Select the closed linear plane figures from the figures given below.

( 2 marks )



*a*



*b*



*c*



*d*

(d) If the statement is True, put a '✓' or if it is false, put a 'X'.

( 4 marks )

- All the sides of a square are equal in length. (   )
- All the sides of a rhombus are not equal in length. (   )
- The distance between both the opposite sides of a trapezium are equal in length. (   )
- All the angles of a rectangle are right angles. (   )

2) (a) i. Write the fraction with the denominator 7 and the numerator 4.

( 1 mark )

ii. Write 2 equivalent fractions for  $\frac{3}{5}$ .

( 2 marks )

(b) Select the large fraction.  $\frac{3}{4}$ ,  $\frac{2}{3}$

( 2 marks )

(c) Simplify

i.  $\frac{1}{7} + \frac{2}{7}$

( 1 mark )

ii.  $\frac{2}{15} + \frac{7}{15}$

( 1 mark )

iii.  $\frac{5}{8} + \frac{1}{4}$

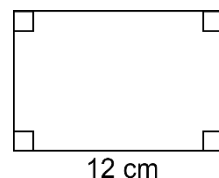
( 2 marks )

iv.  $\frac{7}{9} - \frac{2}{3}$

( 2 marks )

3) (a) i.  $8m\ 45cm$ ; Write in centimeters.

ii. Find the perimeter of the rectangle given.



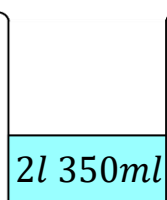
( 2 marks )

( 2 marks )

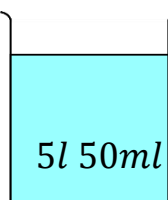
iii. Find the length of one side of a square with the above perimeter.

( 2 marks )

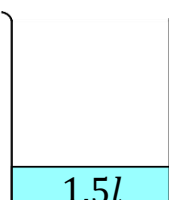
(b)



*A*



*B*



*C*

i. Express the volume of the water in the vessel **C** in *l* and *ml*.

( 1 mark )

ii. Express the volume of the water in the vessel **B** in *ml*.

( 2 marks )

iii. How much more water is there in

the vessel **A** than the vessel **C**. ( 2 marks )

4) i. Write the decimal number represented in the abacus.

ii. Write 12.04 in words.

iii. Write the numbers given below in ascending order.

0.65, 0.5, 0.58, 6.05

iv. Simplify

(a)  $13.45$

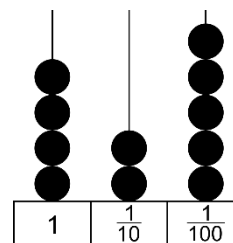
$+ 9.09$

=====

(b)  $5.05$

$- 2.85$

=====



( 2 marks )

( 2 marks )

( 3 marks )

( 4 marks )

5) (a)



i. Represent the next two numbers by using dots.

ii. Write the name of the above number pattern.

iii. How many dots are needed to represent the 8<sup>th</sup> one of it?

iv. Which square number is represented by the dots in part (iii)

(b) Write multiples of 15 between 10 and 60.

( 2 marks )

( 2 marks )

( 2 marks )

( 2 marks )

( 3 marks )

6) (a) Fill in the blanks using the suitable values.

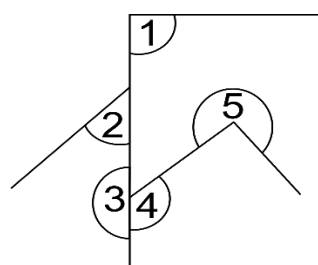
(i) 
$$\begin{array}{r} 3 \square 5 8 \\ + 4 3 4 \square \\ \hline 7 6 0 0 \end{array}$$

(ii) 
$$\begin{array}{r} 5 \square 6 \\ - 1 9 \square \\ \hline 3 3 4 \end{array}$$

(iii) There are 25 oranges in a bag. How many oranges are there in 18 such bags?

(b) Name the angles represented by the numbers.

- 1 - -----  
2 - -----  
3 - -----  
4 - -----  
5 - -----



( 4 marks )

( 2 marks )

( 5 marks )

7) Fill in the blanks according to the map related to directions.

( marks – 1x11 )

i. The well is located in the ..... direction from the child, while the child is in the ..... direction from the well.

ii. The child is in the ..... direction from the tree, while the tree is in the ..... direction of the child.

iii. The school is in the ..... direction from the child and the child is in the ..... direction from the school.

iv. The child is in the ..... direction from the temple and the home is in the ..... direction from the child.

v. The ..... is located in the South-East direction from the child, while the tree is located in the ..... direction from the church and the tree is located in the ..... direction from the school.



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