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Kelaniya Education Zone

දෙවන වාර පරීක්ෂණය – 2024
Second Term Test – 2024

ශ්‍රේණිය Grade	6	විෂයය Subject	ගණිතය Mathematics	කාලය Time	02 hours

Name / Index No: ....

Paper I
- Answer all the questions from 1 to 20 on this paper itself.
- Each question carries 2 marks from 1 to 20. (2 x 20 = 40)

1) Raj obtained 73 marks for his Maths paper. Round off this number to the nearest multiple of 10.

2) Write all the prime numbers below 10.

3) Write the number "Twenty eight billion three million two hundred twenty thousand three hundred fifteen" in digits.
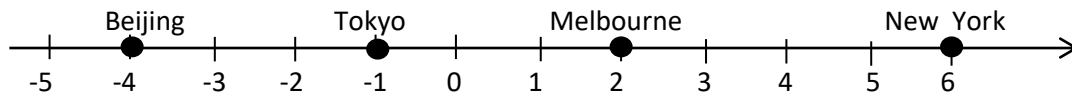
4) Find the amount of total liquid in two vessel A and B.

A	B
$5l\ 250ml$	$2l\ 450\ ml$

5) Write two equivalent fractions for $\frac{4}{6}$.

6) Express the time 22:10 in 12 hour method.

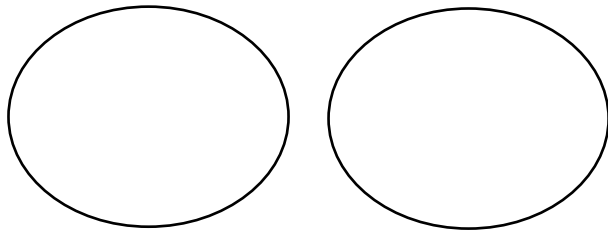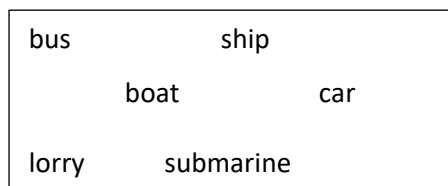7) Write the type of the angle between the minute hand and the hour hand, when a clock displays the time 3.00.

8) Write the city with the lowest temperature and the city with the highest temperature as marked on the given number line.

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        Beijing        Tokyo        Melbourne        New York
          ●              ●              ●               ●
  -5   -4   -3   -2   -1    0    1    2    3    4    5    6
```

The city with the lowest temperature - ....

The city with the highest temperature - ....

9) Classify the vehicles shown in the diagram into two groups according to the characteristics they have in common.

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bus          ship
     boat          car
lorry     submarine
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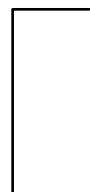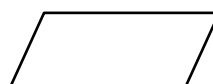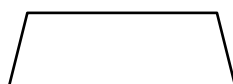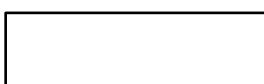
10) The price of a pencil is Rs. 12. Find the price of such 8 pencils.

11) (a) Write the name of the solid object which has 4 equal faces.
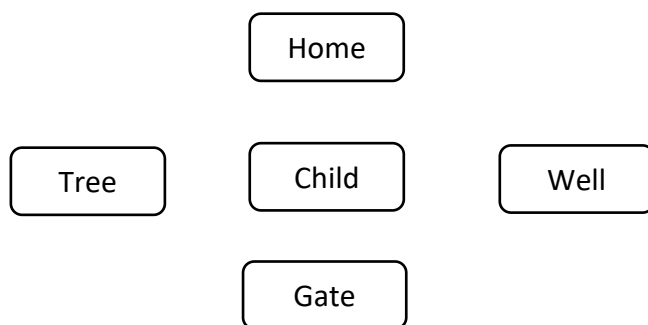   (b) Write the shape of its face.

12) Simplify : $2007 + 789$

13) Select the figures that represent the rectangle and underline them.

14) What is the largest odd number that can be written using the digits 2, 3, 4, 6 only once?

15) Arrange the fractions $\frac{1}{2}$, $\frac{1}{7}$, $\frac{1}{4}$ in ascending order.

16) According to the given figure, the tree is located in the ……………………….. direction to the child.

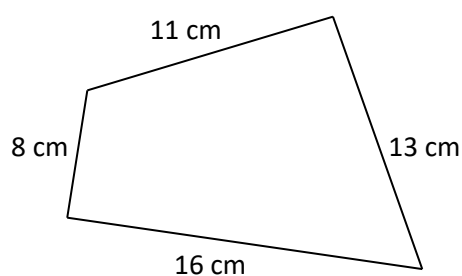|	Home	
Tree	Child	Well
	Gate	

17) Write all the integers between -4 and 2 in ascending order.

18) Simplify : $89.81 - 72.50$

19) 6460 student's chairs should be distributed equally among 20 schools. Find the number of chairs received by a school.

20) Find the perimeter of the given figure.

Paper II

- **Answer six questions only.**
- Each question carries 10 marks.
- Write the answers for Paper II on another paper and attach it to the Paper I.

1. The following is a number pattern represented by dots.

   i. What is the name of the above number pattern? (2 m)

   ii. Draw the diagram corresponding to the 5^{th} term of this pattern. (2 m)

   iii. What square number is obtained by adding the 3^{rd} and 4^{th} numbers in this pattern? (2 m)

   iv. Copy the following statements in your answer sheet and put "✓" mark in front of each statement if it is true and "✗" mark if it is false.

   (4 m)

   a. 14 is a composite number.

   b. 100 is a square number.

   c. 1 is a prime number.

   d. 2 is a triangular number.

2. a) When it is rounded off the Mathematics marks of a student to the nearest multiple of 10 is 80. According to this,

   i. What is the minimum mark he can get? (1 m)

   ii. What is the maximum marks he can get? (1 m)

   b) Simplify :

i. 480×10	(2 m)	iii. 56×47	(2 m)
ii. $38000 \div 100$	(2 m)	iv. $2268 \div 7$	(2 m)

3. Among the whole numbers from 1 to 25,

   i. Write the two numbers that are divisible by both 2 and 5. (2 m)

   ii. What is the largest multiple of 3? (2 m)

   iii. Write four factors of 20. (2 m)

   iv. Arrange the following number in ascending order. (2 m)

   $0.3, 0.5, 0.35, 1.2$

   v. Simplify : $25.56 - 15.83$ (2 m)

4. a) Write the answers for the following questions using the given table.

The material	Measurement
Length of the teacher's table	1.08 m
Length of the student's table	75 cm
Length of a pen	12 cm 2 mm

   i. Write the length of the teacher's table in meters and centimeters. (2 m)

   ii. Find the length of the pen in millimeters? (2 m)

   iii. How long is the teacher's table than the student's table? (2 m)

   b) i. Name two quadrilaterals that all sides are equal in length. (2 m)

   ii. Draw one of them. (2 m)

5. i. A certain TV program is broadcast from 7.15 pm to 8.45 pm. What is the broadcasting time of the TV program? (2 m)

   ii. Dilini's birthday is 18th July of 2020. Write her birthday in international standard method. (2 m)

   iii. Express the given time in minutes.

   a. 300 seconds (2 m)
   b. 2 hours (2 m)

   iv. Simplify: (2 m)

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    Hours        Minutes
      4            35
    + 2            49
   _____

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6. i. Fill in the blanks using the symbols > or <. (2 m)

   a. $\dfrac{1}{6}$ _____ $\dfrac{1}{8}$ b. $\dfrac{5}{4}$ _____ $\dfrac{5}{8}$

   ii. Find the values of the followings.

   a. $\dfrac{2}{7} + \dfrac{1}{7}$ (2 m)   c. $\dfrac{4}{9} + \dfrac{1}{18}$ (2 m)
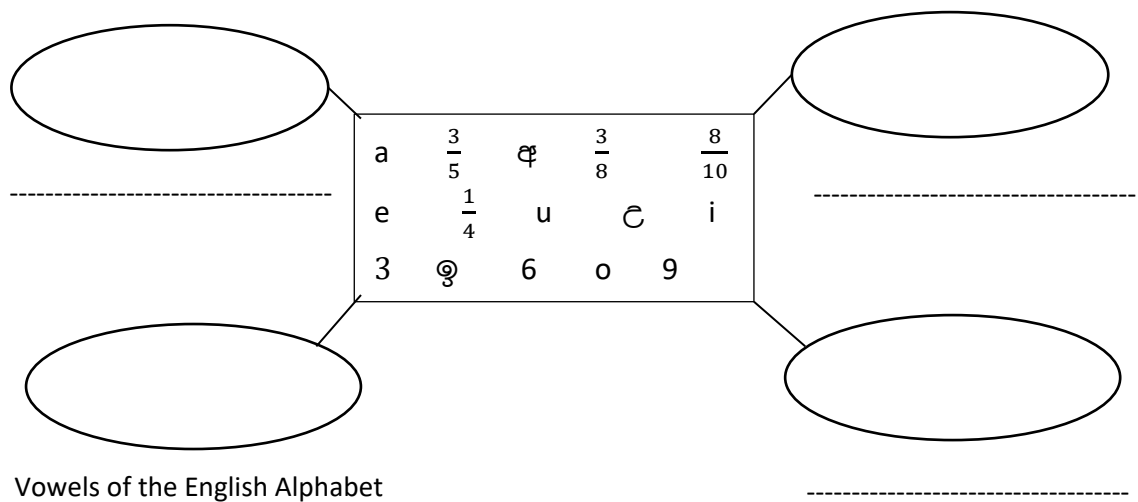
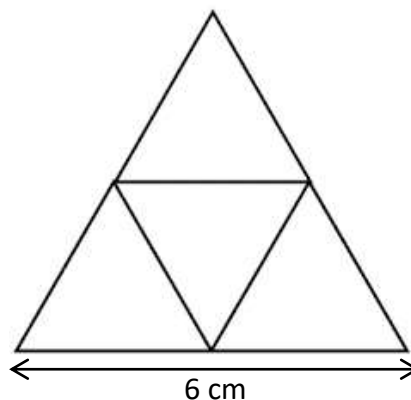   b. $\dfrac{5}{11} - \dfrac{4}{11}$ (2 m)   d. $\dfrac{7}{8} - \dfrac{1}{2}$ (2 m)

7. A numbered line which is used to represent numbers is known as a number line. .

   i. Write two characteristics of a number line.   (2 m)

   ii. Draw a number line from -5 to +5 and mark $0, -3, 3, -1$ on that number line.   (4 m)

   iii. Fill in the blanks using the symbol <, = or >.   (4 m)

        a) -7 ____ 3

        b)   8 ____ 0

        c) -5 ____5

        d) 0.2 ____0.20

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8. a) Separate the data given in the box below into categories according to their common characteristics and write the appropriate name for them.   (7 m)

a	$\frac{3}{5}$	ඇ $\frac{3}{8}$ $\frac{8}{10}$
e	$\frac{1}{4}$	u එ i
3	ඉ	6 o 9

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Vowels of the English Alphabet   -----------------------------------

b) This diagram shows a net that is used to make a solid.

6 cm

   i. What is the solid made by using this net?   (1 m)

   ii. What is the length of an edge of this solid?   (2 m)