14. 02. 2024

බස්නාහිර පළාත් අධ්‍යාපන දෙපාර්තමේන්තුව
மேல் மாகாணக் கல்வித் திணைக்களம்
Department of Education - Western Province

වර්ෂ අවසාන ඇගයීම - 2023 (2024)
ஆண்டிறுதி மதிப்பீடு - 2023 (2024)
Year End Evaluation - 2023 (2024)

9270

ශ්‍රේණිය தரம் Grade	06	විෂයය பாடம் Subject	**Mathematics**	පත්‍රය வினாத்தாள் Paper	I, II	කාලය காலம் Time	2 hours

නම
பெயர்
Name } ....

විභාග අංකය
சுட்டிலக்கம்
Index No. } ....

Paper I

- Write the answers on this paper itself
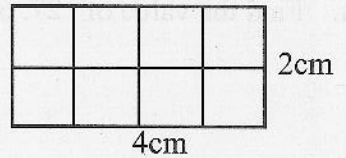- Each questions carries two marks

01. Write down the letter marked on the circle and marked in the circle
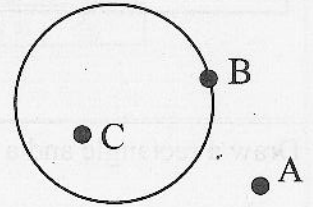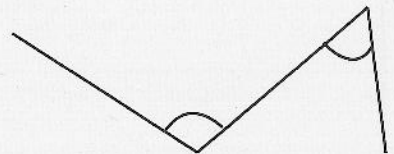

02. Express the number 8 204 026 in words.

03. Find the value of 439×20

04. What is the area of the given rectangle ?

2cm

4cm

05. Mark the acute angle as 'a' and the obtuse angle as 'b' in the given figure.
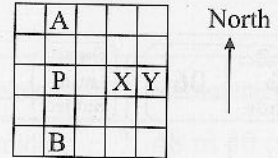
06.

$$\frac{1}{5}, \frac{1}{3}, \frac{1}{7}$$

i. Arrange the given fractions in the box in ascending order.

ii. Write an equivalent fraction for $\frac{1}{3}$

07. According to the given figure,

i. What is the letter located to the south of P?

ii. What is the letter located to the west of X ?

A		
P	X	Y
B		

North ↑

08. Write the following numbers in the given circles by separating into two groups.

8, 7, 6, 4, 5, 1, 3, 9, 2
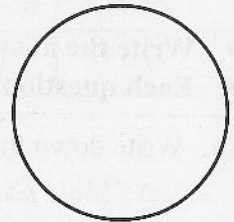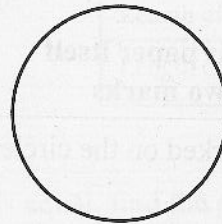
09. Draw a rectangle and a trapezium.

10. What is the number represented by the tally marks? ⌐⌐⌐⌐ ⌐⌐⌐⌐ ⌐⌐⌐⌐ ///

11. Find the value of 27. 64 - 13. 21

12. Write two numbers which are multiple of both 2 and 3.

13. Write the inequality signs < or > appropriately in the blank

    i. 3.41……….. 3.08   ii. $\frac{8}{20}$ ……… $\frac{1}{5}$

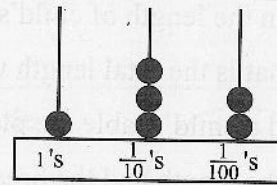14. Write the ratio 16 : 20 in simplest form

15. Kamal has 70 rupees. Write the amount left as an algebraic expression when he gives x rupees to his sister.

16. The number represents in the abacus,

    i. Write in digits …………………………………………………

    ii. Write in words …………………………………………………

…………………………………………………

| 1's | $\frac{1}{10}$'s | $\frac{1}{100}$'s |

17. Find the value

	Minutes	Seconds
	12	45
+ 10	30

18. When the number of mangoes in a pile of mangoes is rounded off to the nearest multiple of 10, the value is 80. What is the maximum number of mangoes and the minimum number of mangoes that can be in the pile of mangoes?

    Maximum number of mangoes ……………………………… Minimum number of mangoes …………………………

19. Is 3 a factor of 25? Explain with the reasons.

20. Write $2 \times 2 \times 3 \times 3 \times 3$ in index form.

Paper II

- Answer the first question and another 4 questions.
- The first question carries 16 marks and other question caries 11 marks each.

01. Recall the activity you did in the class of the lesson 'Length'under the guidance of your Maths teacher.

    i. What is the instrument that used to measure the length of the building?

    ii. Write the length of the teacher's table in centimeters

    iii. Write the length of the pencil in centimeter

    iv. How much more is the length of teacher's table than the length of child's table?

    v. What is the total length when a teacher's table and a child's table are placed side by side?

    vi. If the length and the breadth of a child's table is equal, find the perimeter of a child's table in meters and centimeters

    vii. Find length of eight pencils in centimeters and milimeters.

Measurement Taken	Measurement
Length of the building	48 m 40 cm
Length of the pencil	14 cm 3 mm
Length of a teacher's table	1.08 m
Length of a child's table	67 cm

02. a) i. Write three factors of 24.

    ii. The price of a book is 72 rupees. Find the price of such 8 books.

    iii. 327 ☐ is a 4 digit number. If this number is divisible by 2 without any remainder, write any suitable two numbers for blank.

    b) Find the values

    i. 25.07
       +19.96
       ‾‾‾‾‾

    ii. 76.43
        - 28.72
        ‾‾‾‾‾

03. i. Write $5 \times 5 \times 5 \times 5$ in index form.

    ii. Write 3^5 in expanding form.

    iii. Find the value of $3^2 \times 5$.

    iv. Write 81, as a power of 3.
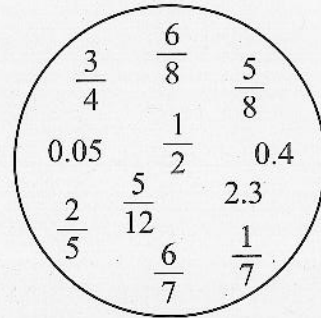
    v. Connect 2^5 and 5^2 by using the signs > or < .

04. The given picture graph represents the number of buns sold by the school canteen within 5 days of a week.

⊘ represents 12 buns.

Monday	⊘⊘⊘⊘⊘
Tuesday	⊘⊘⊘◑
Wednesday	⊘⊘⊘⊘◁
Thursday	⊘⊘⊘⊘◁
Friday	

i. How many buns were sold on Monday ?

ii. How many buns were sold more on Monday than on Wednesday?

iii. On which days were the same number of buns sold?

iv. If the total number of buns sold in five days is 264, then find the number of buns sold on Friday and copy the relevant row of the graph to your answer script and draw the plot.

iv. If a bun earns a profit of 4 rupees ,what is the profit made by selling buns in the relevant 5 days?

05. i. Among the given numbers,
   a) Write the unit fractions
   b) Write a pair of equivalent fractions.

ii. Express 0.4 as a fraction in simplest form

iii. Find the value of $\dfrac{1}{2} + \dfrac{5}{12}$

iv. Find the value of $\dfrac{3}{4} - \dfrac{5}{8}$

v. Connect 0.05 and 0.4 by using the signs < or > .

$$\frac{3}{4} \quad \frac{6}{8} \quad \frac{5}{8}$$
$$0.05 \quad \frac{1}{2} \quad 0.4$$
$$\frac{2}{5} \quad \frac{5}{12} \quad 2.3$$
$$\frac{6}{7} \quad \frac{1}{7}$$

06. (a) i. Write the number 7486135 by separating into the number zones.

   ii. Write the above number in words.

   iii. What is the place value of the digit 6 in the above number.

   (b) A television program is started at 6.45 p.m. and ended at 19:30.

   i. Write the time 6.45 p.m in 24 hour time.

   ii. Write the time 19:30 in 12 hour time.

   iii. What is the time duration of the television program?

07. (a) i. Draw a number line from (-5) to (+5).

   ii. Mark the numbers (-2)and (+3) on the above number line.

   (b) i. What is the solid can be made from the given net?

   ii. What is the length of the edge of this solid ?

   iii. Write the number of faces, number of edges and number of vertices of this solid.

10cm