

Important : • Answer all questions

- Each question will be given by 2 marks

|  | Underline the correct answer. <br> Part I <br> Angle A $\widehat{C B}$ is, <br> i. an obtuse angle <br> ii. an acute angle <br> iii. a right angle |
| :---: | :---: |
|  | If the given figure having a bilateral symmetry, complete the other part of it. |
|  | Draw a parallel line to AB and name it as CD . |
| (04) | Find the highest common factor of the numbers 12 and 15. |

(05) Simplify.

$$
120 \div(3+2)
$$

(06) If $\mathrm{A}=\{1,3,6,10\}$, Write down the set A in two other forms.
(07) Find the value using the number line. $(-1)+(-5)$

(08) Find the L.C.M. of the numbers $4,15,8$
(09) Find the digital root of the number 109587
(10) The independence date of Sri Lanka is $4^{\text {th }}$ of February 1948. Write down it in the standard form.
(11) Select and underline the numbers which are divisible by four (4) without a remainder.
(a) 345
(b) 1024
(c) 1109
(d) 3440
(12) Simplify .

| Months | Days |
| :---: | :---: |
| 5 | 13 |
| +3 | 28 |


(18) Kaveesha's birthday is $05^{\text {th }}$ May, 2007. If her friend Fathima is elder than Kaveesha by 2 years and 3 months, find out Fathima's birthday.
(19) Simplify.

$$
\frac{3}{8}+\frac{1}{4}
$$

(20) There is a square which a side length is 12 cm and it's perimeter is equal to an equilateral triangle. Find out a side length of the equilateral triangle.

## Part II

## Answer the first question and 4 other questions.

First question carries 16 marks and other questions carry 11 marks.
(01) i. Find below the cards which has given in a mathematical activity.

Write the magnitude of the angles in each circle.

(a) Acute angles
(b) Right angles
(c) Obtuse angles
(d) Straight angles
(e) Reflex angles



(7 marks)
ii. Write down an example for static angle and dynamic angle which you can find in the environment.
(2 marks)
iii. Name the following angles using English letters.

iv. Name the geometric instrument which used in the class room to draw the angles with the given magnitudes.
(1 mark)
v. Draw the following angles using the above instrument.
(a) $45^{\circ}$
(b) $210^{\circ}$

b) i. Find the value.
i. $7+2-3$
(2 marks)
ii. $6 \div 3-2$
(2 marks)
iii. $3 \times 10 \div 5 \times 2$
(2 marks)
(06)

i. Name two pair of parallel lines in the given rectangle.
(2 marks)
ii. Write down two mathematical equipments that used to draw parallel lines in the class room.
(2 marks)
iii. Copy the given figure in your answer paper. Connect A and C and draw a parallel line to AC through B.
iv. Write down how many bilateral symmetrical axes can be find in the ABCD rectangle.
v. Complete the figure so that to obtain a bilaterally symmetric figure.


## 11 Marks

(07)a)Find each of the following sums using the number line.
i. $3+1$
(2 marks)
ii. $3+(-4)$
(2 marks)
b) Find the value.
i. $(-2)+(-3)$ (1 mark)
ii. $2+(-3)$ (1 mark)
iii. $2.3+(-4.3)$
(1 mark)
iv. $\left(\frac{-2}{7}\right)+\frac{1}{7}$ (1 mark)
c) The temperature of Japan is -5.6 celsius degrees at 4.00 a.m. The temperature is increased by another 8 celsius degrees at $6.00 \mathrm{a} . \mathrm{m}$. Find the temperature of japan in celsius degrees at 6.00 a.m.

