Royal College – Colombo 07
රාජකීය විද්‍යාලය - කොළඹ 07

Grade 06 – First Term Test – March 2020
පළමු වාර පරීක්ෂණය - 2020 මාර්තු - 06 ශ්‍රේණිය

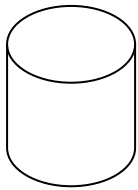කාලය : පැය 02 යි
Time : 02 hours

Maths
ගණිතය

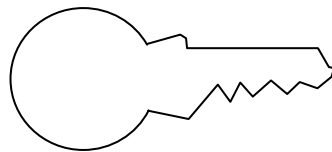Name : - ……………………….. Class :- …………. Index No. :- …………………

- Answer all the questions on this paper itself.
- Each question carries 02 marks.

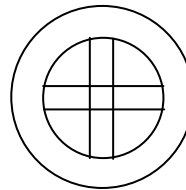| Part I |
| --- |

(1) Underline the ones in which the circular shape can be observed from the following items.
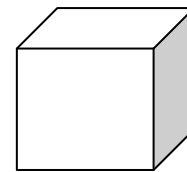

(a)   (b)   (c)   (d)

(2) Write the place value of 2 in the number 3254.
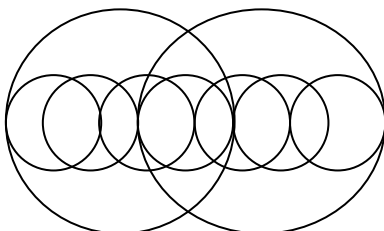
(3) Find the value of 31×100.

(4) Fill in the blanks.

_____ is used to determine whether a plane surface is horizontal.

(5) Fill in the blank cages using suitable values.

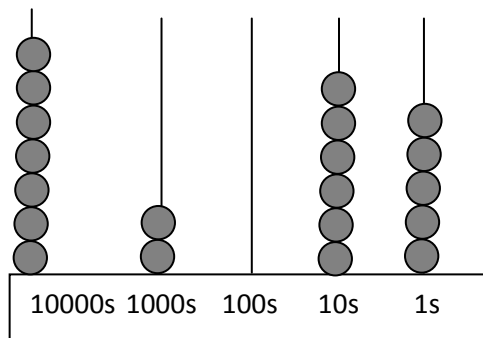(6) How many circles are there in the given circular pattern?

(7) Find the value of 4128 + 78.

(8) Which direction does lie in between the directions west and north?

(9) Fill in the blank cages.

$9 \times \boxed{} = 3 \times \boxed{} = 36$

(10) What is the value represented on the abacus given below?

10000s 1000s 100s 10s 1s

(11) The annual sports meet of a certain school was started at 1.00 p.m. and ended at 6.05 pm. Find the duration of the sports meet.

(12) Write two instruments which are marked with numbers.

(13) What is the name of the angle which is equal in magnitude to sum of two right angles?
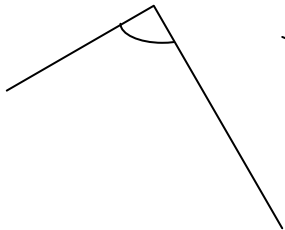
(14) Based on the place value, expand the number 7432.

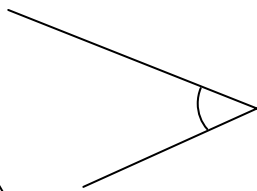(15) Write down two properties of the number line.

(16)   Find the value of $0 \div 5$.

(17)   Write down how the inequality $0 > -3$ is described in words.

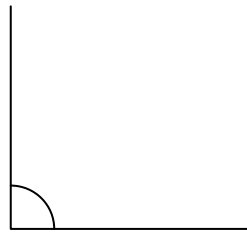(18)   <u>Underline the right</u> angle from the following angles, underline.
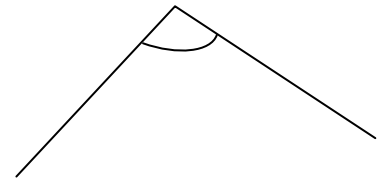
       (i)   (ii)   (iii)   (iv)

(19)   Mark all the even numbers in between 1 and 10 on the number line.

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+---+---+---+---+---+---+---+---+---+---+--->
0   1   2   3   4   5   6   7   8   9   10
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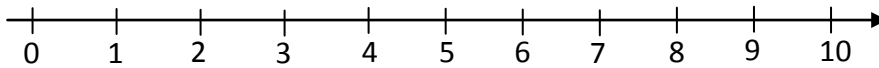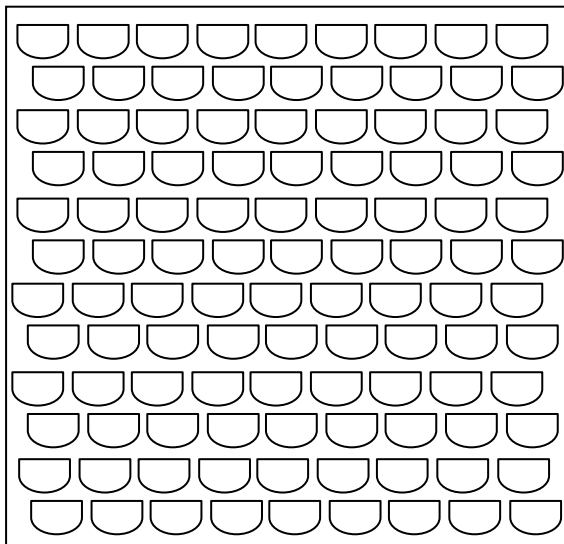
(20)   Estimate the number of lamps in the figure.

Part II

- Answer the first question and another 04 questions only.
- First question carries 16 marks and other questions carry 11 marks each.

(1)   Recollect the lesson "Circle" which you have done in the class room under the guidance of your mathematics teacher.

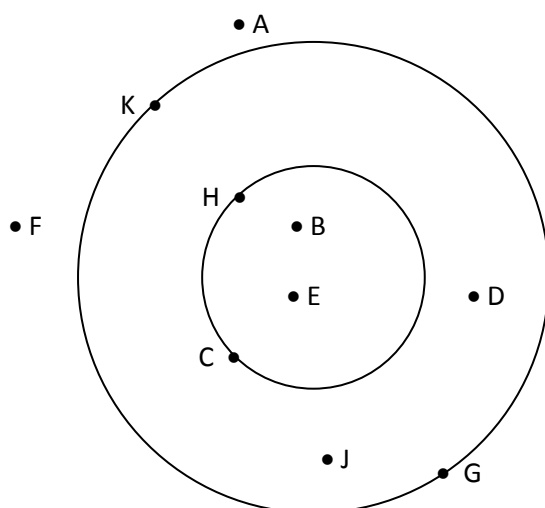(i) Write two objects which you used to draw circles.

(ii) (a) Draw a circle and mark a line which divides the circle into two equal parts.

(b) How many such lines which was described in part (a) can be drawn inside a circle?

(iii) Write two examples for circular patterns.

(iv) Draw a circular design which you know.

(v)

In the above figure,

(a) What are the letters marked on the small circle?

(b) What are the letters marked outside the large circle?

(c) What are the letters marked inside the small circle?

(2)   (i) Simplify.

(a) $\begin{array}{r} 3056 \\ +\ \ 1498 \\ \hline \end{array}$

(b) $\begin{array}{r} 6017 \\ -\ \ 3058 \\ \hline \end{array}$

(c) $345 \times 1000 =$

(d) $256700 \div 10 =$

(ii) Find the value.

245×23

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(iii) Find the quotient and the remainder.

   $1681 \div 11$

(iv) An apple seller sold 2475 apples on Monday. On Tuesday, If he sold 586 apples more than the Monday, Find the total number of apples sold on both days.

(3) (i) Write two instances which large numbers are used in day to day activities.

    (ii) Write the each value represented by the digit in side the box.

       (a) $1\ 8\ \boxed{0}\ 3$

       (b) $\boxed{3}\ 8\ 9\ 8\ 1$

    (iii) Dasun's father bought a television for one hundred thirty four thousand nine hundred ninety rupees. Write the price of the television in standard form.

    (iv) Separate the number 243068005792 into period and write the number in words.

    (v) Write the number which is one less than the million in standard form.

(4) (i) Write today's date in standard form.

    (ii) Fill in the blank.

       (a) 3 hours   =   _____ Minutes

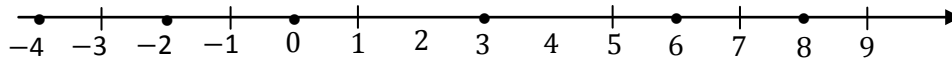   (b) 5 minutes =   _____ seconds

       (c) 96 hours   =   _____ days

    (iii) Copy the following table in your answer sheet and complete its.

Time according to the 12 hour clock	Standard form
1.10 a.m.	
	14 : 45
12.00 Noon	

    (iv) Simplify

(a) minutes	seconds		(b) hours	minutes
6	48		8	18
+ 15	12		− 3	45

(5) (i)

Answer the questions based on the numbers marked on the number line.

(a) What is the largest number?

(b) What is the smallest number?

(c) Write down the above numbers in descending order.
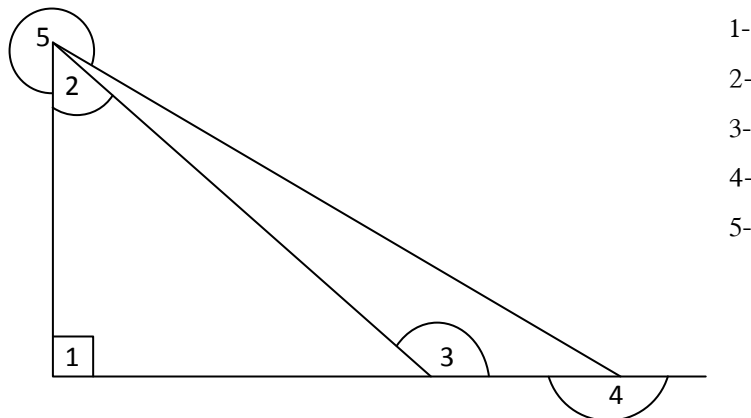
(ii) Fill in the blanks using suitable inequality $<$ or $>$.

(a) 10 _____ -10 (b) -7 _____ -5

(c) 0 _____ -3 (b) -2 _____ 5

(iii) Write down all the integers that lie between -3 and $+3$.

(iv) Do any positive integers lie between -2 and $+1$.

(6) (i) Name the type of angle that is denoted by each number in the figure given below.

1-

2-

3-

4-

5-

(ii) Copy the following table in your answer sheet and complete it.

Numbers	Round off to the nearest multiple of ten.
48	
33	
15	
99	

(iii) When a certain number is rounded off to the nearest multiple of ten, the value obtained is 80.

(a) What is the smallest value which the number can take?

(b) What is the highest value which the number can take?

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(7) (i) The following figure shows a certain school and places located around it.
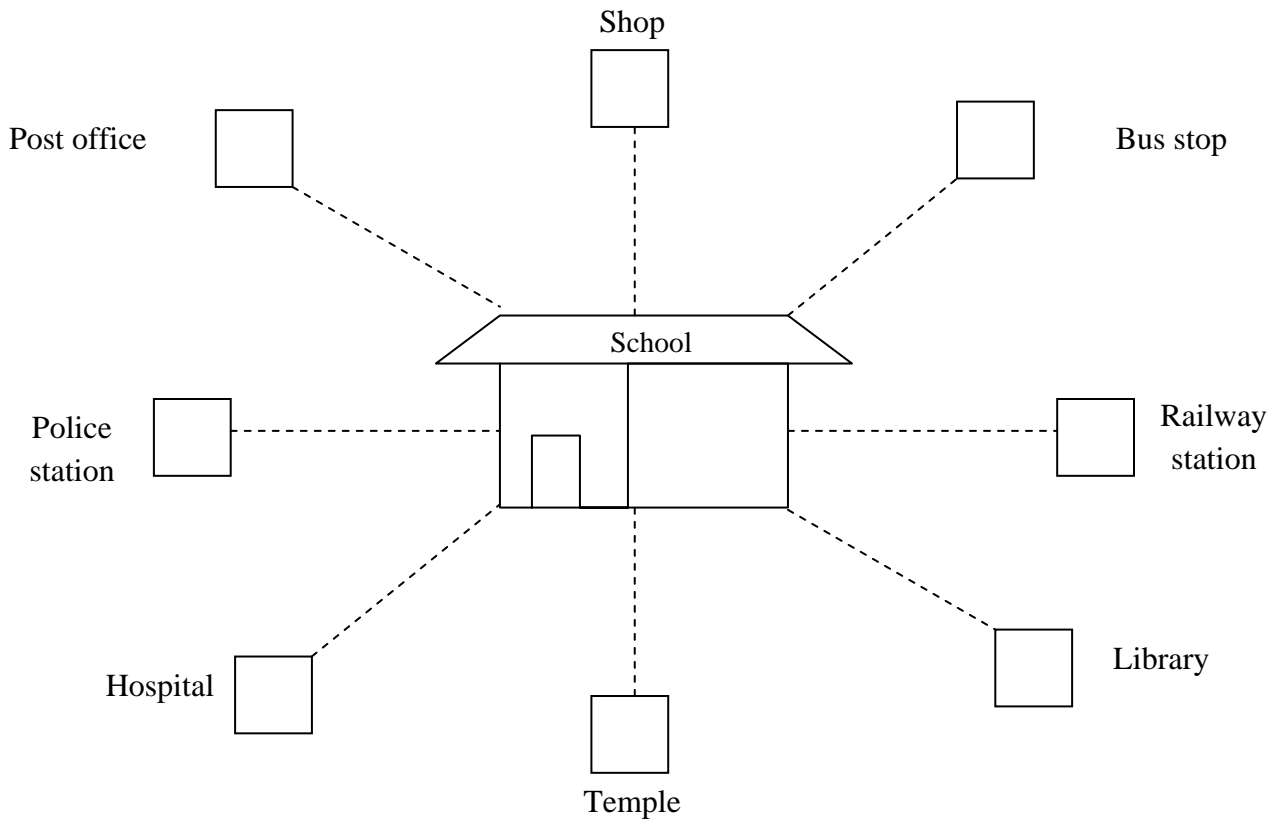
(a) What is the direction in which the temple lies with respect to the school?

(b) What is located to the west of the school?

(c) In which direction the post office is located to the school?

(d) Which direction is the school located to the hospital?

(e) What is located to the east of the police station?

(f) What is located to the south west of the shop?

(ii) (a) Give two examples for horizontal planes in your class room.

(b) Give two examples for vertical planes in your class room.