



Royal College - Colombo 07

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Grade 6 – First Term Test – April 2019

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Time :2 hours

Mathematics – I

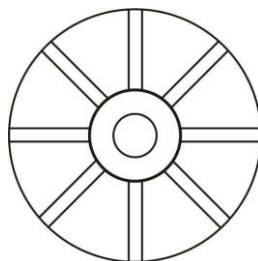
.Ks;h – I

Name :- Grade : -..... Index number:-.....

❖ Answer all the questions on this paper itself.

- Add
 $125 + 78 + 4$

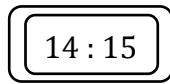
- How many circles are there in the diagram?



- Write the number 23401200 in standard form.

- Subtract.
 $246 - 89$

5. Write the time shown in the clock according to 12hours system.



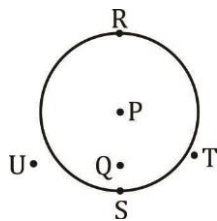
6. Write down two objects that you can use to draw circular shapes.

(i)

(ii)

7. Represent the date 1st of March 2019 in international standard form.

8. Name the letter which indicate the position on the circle.



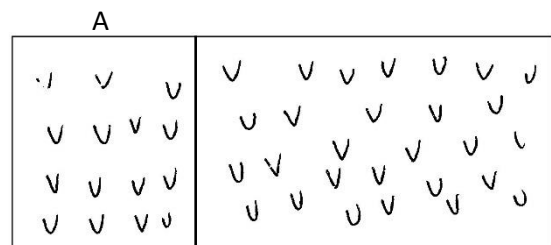
9. What is the angle which is equal in magnitude of two right angles.

10. If the following statements are true put "✓" and if they are false put "X"

(i) The walls and the door in the class room is vertical ()

(ii) During a minute, the second hand rotates 60 rounds. ()

11. The following figure shows a chilli plants nursery. If there are 70 plants in the section A, Estimate the total number of chilli plants in the nursery.



12. Add

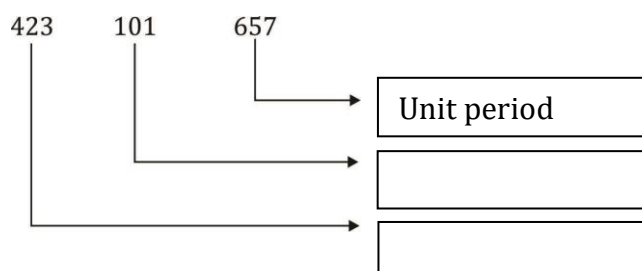
munites	seconds
3	15
+ 4	40
<hr/>	
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13. Round off to the nearest multiple of 10.

(i) 36 -

(ii) 72 -

14. Fill in the blanks.



15. Express in hours

2 days =

16. Write the quotient and remainder.

$$123 \div 6$$

Quotient = remainder =

17. Fill in the boxes by using the additions of 15.

$$\boxed{8} + \boxed{}$$

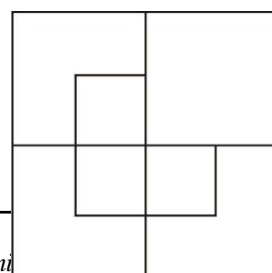
► 15

$$\boxed{} + \boxed{6}$$

18. When a number of students in a class was rounded off to the nearest multiple of 10, the value obtain was 50. What is the least number of students that can be in the class?

19. What is the largest four digit number that can be written using the digits 2, 3, 0, 5 exactly once?

20. How many squares are there in the diagram?

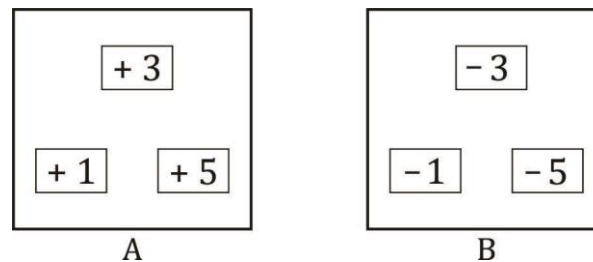


Maths – II

.Ks ;h – II

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

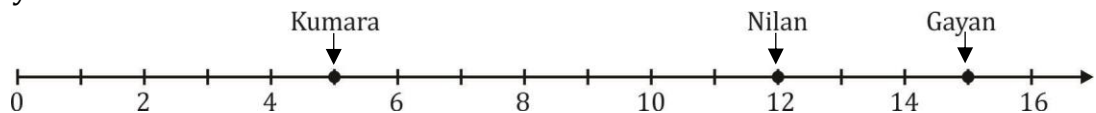
1. (a) There are two boxes A and B containing three cards each with numbers written on them.



Select one card from box A and another card from box B.

- Draw a number line and mark the selected two integers on it. (2 marks)
- Compare the above two integers using “<” or “>” sign. (2 marks)
- Arrange all the integers in box A and in box B in ascending order. (3 marks)

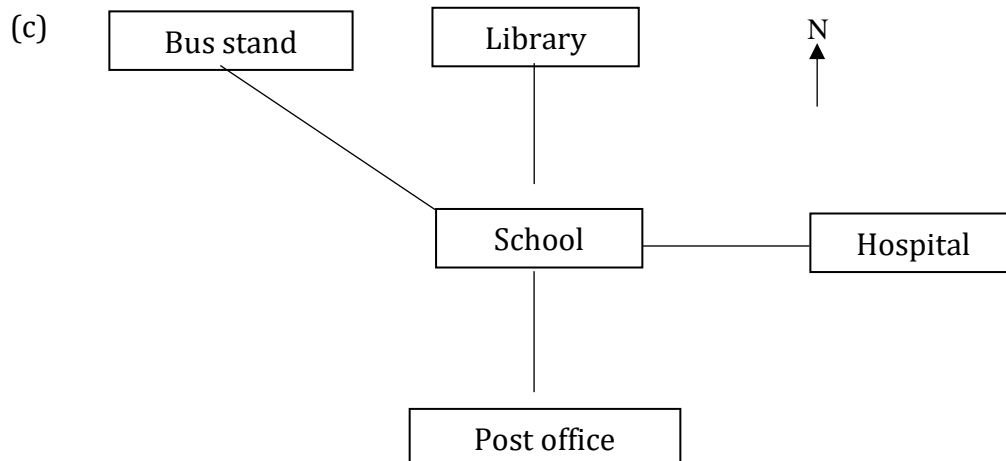
(b) The below number line represent the ages of three children. (The age is given in year.



- Write down the ages of three children (3 marks)
Kumara Nilan Gayan
- How many years does Nilan older than Kumara? (2 marks)
- If Kumar was born in 2009, in which year Nilan was born? (2 marks)
- If Kanishka’s age is 8 years, copy the above number line in your answer script and mark Kanishka’s age on it. (2 marks)

2. (a) 1490230015
- (i) Write the above number by separating into periods. (3 marks)
- (ii) Write down name of that number. (2 marks)
- (b) Write down the number “Two billion three hundred twenty million two hundred five thousand five” in standard form. (2 marks)
- (c) In the number 3562,
- (i) What is the place value of 3 (2 marks)
- (ii) What is the value represented by 6. (2 marks)
3. (a) Name the instrument that can be used to find the North direction of any place. (1 mark)

- (b) Name four sub directions. (4 marks)



Fill in the blanks using the above chart.

- (i) The bus stand is located to the of the school.
- (ii) The school is located to the of the hospital
- (iii) The and are located to the North of the post office. (4 marks)

Reserved

- (d) copy the above diagram in your answer script and mark the market to the West of the school in the given diagram. (2 marks)

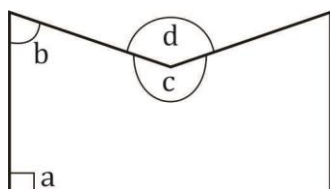
4. Simplify,

(i) 12×100 (2 marks) (ii) $1900 \div 10$ (2 marks)

(iii) $\begin{array}{r} 43 \\ \times 6 \\ \hline \end{array}$ (2 marks) (iv) $6 \overline{)3804}$ (2 marks)

(v) $\begin{array}{r} 63 \\ \times 34 \\ \hline \end{array}$ (2 marks) (vi) $16 \overline{)512}$ (2 marks)

5. (a) Draw any angle and mark the vertex of it. (1 mark)
 (b) Write down two situations in the environment where the shape of a right angle can be observed. (2 marks)
 (c) Write the type of each angle shown by the letter a, b, c, d in the given figure.



- a -
 b -
 c -
 d - (4 x 2 marks)

6. (a) A TV programme scheduled to start at 3.10 p.m. and finish at 3.50 p.m.
 (i) Give the starting time and ending time in standard form.
 3.10 p.m. 3.50 p.m.
 (ii) Find the duration of the programme. (2 marks)
 (iii) If 10 minutes and 30 seconds have been allocated for advertisements to be run during the above programme. Find the time duration of the programme. (3 marks)
 (b) Express 320 seconds in terms of minutes and seconds. (2 marks)
 (c) Add,
 Day hours

Reserved

$$\begin{array}{r} 10 \quad 10 \\ + 3 \quad 8 \\ \hline \end{array}$$

(2 marks)