Mn / Sithyvinayakar Hindu College

(National School – Mannar)

First Term Exam - 2019
Mathematics

| Grade - 6 | Index No - ……………………… | Time – 2 Hours |

Part 1
- **Anwer all question 1 to 20 on this paper itself**
- **Each questions carries 02 marks.**

1. Write two circular shape objects.

2. Give the additional bonds of 4

3. Write "Seven million sixty" in standard form.

4. Solve 648×100

5. Write 2.15pm as international standard time

6. Add

   Minute   seconds
     6   13
     2   32
   _____

7. Give all the integers between (-2) and (+2)

8. A bus starts Colombo at 2.05 pm and reaches Kaluthura at 3.40 pm. Find the time duration of the journey

9. Show the numbers (-1) , 3 on the number line.

10. What is the hundredth place digit in the number 1835?

11. Round off to the nearest 10
   i) 75-................   ii) 34-.................

12. Give in descending order
      2, 0, -2, 3

13. Fill in the blank

      $3600 \div \boxed{} = 36$

14. Give50 hours in days and minutes.

15. Write name of the instrument which used to check the horizontal place?

16. Fill in the blanks using the symbols < or >.
   i) (-2)..........0

   ii) (-4)...........(-8)

17. Find the different between the largest number and smallest could be written using the digits 3, 7, 2 and 1 exactly once

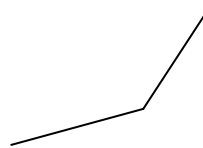18. Which type of angle made when joining a straight angle and right angle?

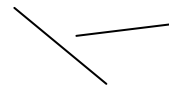19. Underline the figures which are indicating angles.

      i   ii   iii   iv

20. Write the inequality 4 > -1 in words

$20 \times 2 = 40 \; Marks$

01. a) 74298152

       i) Write the above number in standard form

       ii) Write the above number in words

  b) 2999000001 separate into periods and mention each periods.

  c) Using each of the digits 9, 7 , 4 , 6, 8
     i. Exactly once, write dawn the largest possible number of five positions.

     ii. Find the value represented by 6 in the above (i) number

  d) Expand the number 7549 by considering place value.

$$2 + 2 + 2 + 2 + 2 + 2 = 12\ Marks$$

02. a) Simplify

     ii) i

$$\begin{array}{r} 1023 \\ +8914 \\ \hline \end{array}$$

          ii

$$\begin{array}{r} 4752 \\ -\ 681 \\ \hline \end{array}$$

  b) Fill in the blanks.

     i

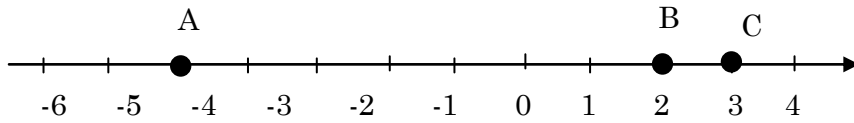$$\begin{array}{r} 512 \\ \times\ \ \ 23 \\ \hline 153\ \square \\ 10\ \square\ 4 \\ \hline 11\ \square\ \ \square \\ \hline \end{array}$$

     ii 12 $\overline{)\,564\,}$ $\square\square$

$$\begin{array}{r} 48 \\ \hline 8\,\square \\ 84 \\ \hline 0 \end{array}$$

c) Show the answer you obtained in the addition in an abacus.

$$4183$$
$$+\underline{3014}$$
$$\underline{\hspace{2cm}}$$

03. i)

```
        A                    B   C
  ┼──┼──●──┼──┼──┼──┼──┼──●──●──┼──►
  -6  -5 -4 -3 -2 -1  0  1  2  3  4
```

Write the numbers marked on the above number line

A=..............   B=.............   C=............

ii) Fill in the blanks by considering the values of A,B and C

i)   A☐ B
ii)   B☐ C
iii)   C☐ A

iii)Temperatures of some cities are given below.

Cities   Temperature
x   = 6^0c
y   = 1^0c
z   = 3^0c

Draw a suitable number line and make above temperature.

iv)Arrange the following numbers in ascending order by using number line
   (-5), 0, 1, (-2), 3, 4

04.   i) Simplify

a   Hour   Minute   b   Day   Hour
        3   15   10   10
      + 4   45   + 2   7
      ─────────────   ─────────────

      ─────────────   ─────────────

c   Hour   Minute   d   Minute Second
        5   40   10   30
      - 3   10   - 5   50
      ─────────────   ─────────────

      ─────────────   ─────────────

ii) Sumathy practiced 45 minutes a day for 4 days and nimali practiced 30 minutes a day for 6 days. Find the total time they practiced?

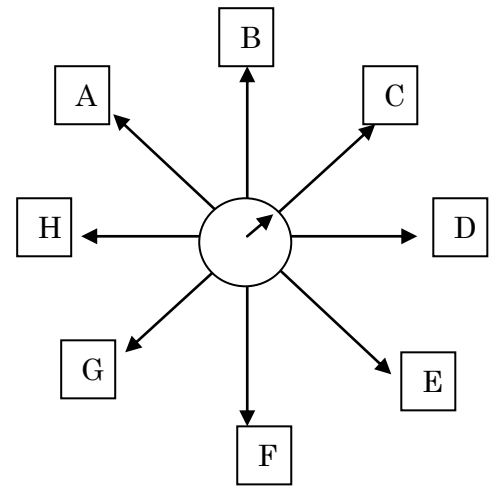iii) Write 9th October 2019 in standard form.

iv) State the time 16:50 in 12 hour clock
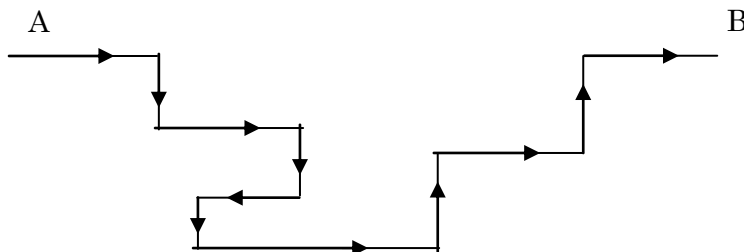
$$4 + 4 + 2 + 2 = 12 \, Marks$$

05. a)
    i) If the arrow mark of the compass shows the direction of North mention the direction indicated by D, G and A

    ii) Mention three letters of sub directions and write corresponding direction
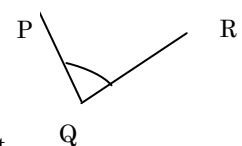
b)

A   B

When a man travels towards B from A, Find the different between the numbers of time he turns towards south and he turns towards east.

$$3 + 3 + 6 = 12 \, Marks$$

06. a) Indicate arms an verities in the given figure

    b) Write three instances where you can observe right angle in your environment.

c) If a man turn from north to southeast. Which type of angle he turned?

d) Number of students in a class when rounded off to the nearest 10 is 30
   i) Minimum number of students could be in the class?

   ii) Maximum number of students could be in the class?

$$3 + 3 + 2 + 2 + 2 = 12\ Marks$$