

Department of Education – Western Province

First Term Evaluation – 2018

Grade 06

Mathematics

Name :

Time : 02 Hours

Part I

• Answer all the questions on this paper itself.

01. Name two items in which the circular objects can be observed.

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02. Write the number in words.

1 000 001 -

03. Subtract.

2000 – 648 =

04. Multiply.

648 x 10 =

05. Express in minutes.

2 hours =

06. Write in standard form.

2. 15 pm =

07. Add.

Minutes

Seconds

6

13

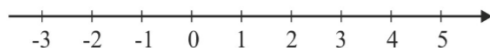
2

32

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08. A bus which left Colombo at 2. 05pm, reached Kaluthara at 3.40 pm. Find the time taken for the journey.

09. Mark (-1) and 3 on the given number line.



10. Write in descending order.

2 , 0 , -1, 3

11. Round off to the nearest multiple of 10.

45 -

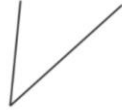
12. From the following figures, select and underline the ones which represent angles.



(i)



(ii)



(iii)



(iv)

13. Name the sub directions.

.....

14. Write the name of the instrument which is used to determine whether a plane surface is horizontal.

15. Write the number.

One hundred and two thousand two hundred and twenty eight -

16. Divide.

$$162 \div 3$$

17. Write in minutes and seconds.

125 seconds -

18. Write the value represented by the digit 6, in 1628.

19. Write the today's date in standard form.

20. Describe in words.

(i). $4 > 2$ =

(ii). $-2 < 1$ =

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Part II

- Answer the first question and another four (04) questions only.
- First question carries 16 marks and the other questions carry 11 marks each.
- Use separate papers to write the answers.

01. (a) If the following statements are true write “ T ” and if they are false write “ F ” under the relevant statement number on your answer sheet.

- i. During an hour, the minute hand rotates one round.
- ii. The 12 hour time period between 12 noon and 12 midnight is known as “ante meridiem”
- iii. Angles which are smaller in magnitude than a right angle are known as acute angles.
- iv. A compass can be used to find the direction.
- v. The surface of the water in a large basin is considered to be vertical when the water is still.

(b) Simplify

i. $4878 + 299$

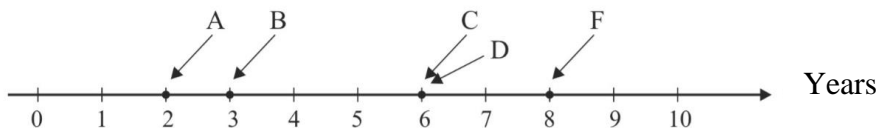
ii. $2007 - 199$

iii. 362×32

iv. $3211 \div 19$

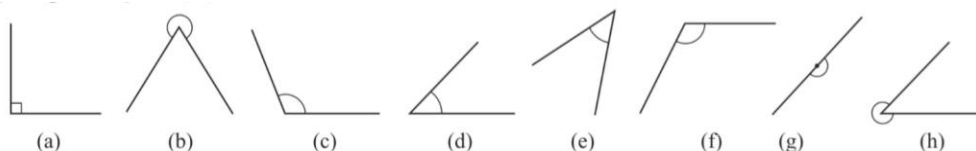
(c) 592 passengers should be transported at once. It is decided to use buses which can be transport 45 passengers. How many such buses should be used for this purpose?

02. The number line given below shows the age of 05 children.



- i. Who is the eldest?
- ii. How old is B ?
- iii. Write down the names of the children who are in same age.
- iv. Relate the ages represented on the number line using the symbol ‘ > ’.
- v. Write the name of the child who is 4 times older than A.
- vi. H is 10 years old. Draw a number line and mark it on the number line.

03. The figure shows 8 angles which are named from the letters *a* to *h*. Answer the given questions by writing the corresponding letter.



- i. Write down the letters which represent the acute angles.
- ii. Write down the letters which represent obtuse angles.
- iii. What type of an angle is h?
- iv. Write down the letter which represents the angle similar to two right angles.
- v. Write down the letter which represents the type of the angle formed when a person turn from north to east.

04. (a) Name the main directions.

(b) Name two instances where we use the knowledge on directions in our day today life.

(c) The letters A to G represents seven locations in a school premises.

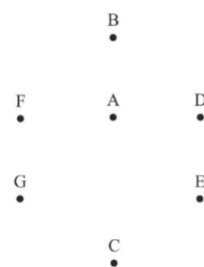
i. Name a location situated to the north of A

ii. In which direction does E situated from A?

iii. Fill in the blanks.

a. D is to the of A.

b. and are both to the north of C.



05. (a) Name two instances where we use the knowledge on approximation in our day today life.

(b) Number of students in a certain class when rounded off to the nearest multiple of 10 is 30.

(i) What is the least number of students that can be in the class?

(ii) What is the most number of students that can be in the class?

(c) Number of workers in a certain factory when rounded off to the nearest multiple of 10 is 50. Another 9 workers were appointed to the factory. Now the number of workers in the factory when rounded off to the nearest multiple of 10 is 50. How many workers were there in the factory initially?

06. (a) Fill in the blanks using the suitable numbers from 2, 5 and 9.

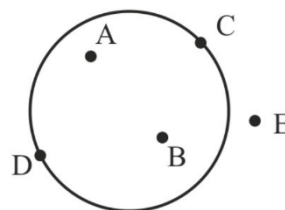
i) $5 < \dots\dots\dots$ ii) $5 > \dots\dots\dots$ iii) $5 = \dots\dots\dots$

(b) Write down all the integers that lie between -3 and 2.

(c) Write down all the negative integers that lie between -5 and 1 in descending order.

07. (a) In the given figure,

- i) Name the points situated inside the circle.
- ii) Name the points situated outside the circle.
- iii) Name the points situated on the circle.



(b) Simplify i) hours seconds ii) days hours iii) hours minutes

$$\begin{array}{r} 3 \quad 12 \\ + 4 \quad 27 \\ \hline \end{array}$$

$$\begin{array}{r} 2 \quad 20 \\ + 3 \quad 15 \\ \hline \end{array}$$

$$\begin{array}{r} 4 \quad 15 \\ - 2 \quad 25 \\ \hline \end{array}$$

