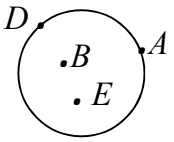
Zonal Education Office - Vadamaradchy
Second Term Examination - 2019

Grade: 06 | Mathematics | Time: 2.00 Hrs

Index No:

Part- I

◆ **Answer all questions.**

01. 

According to the figure, name the points on the circle.

02. Write *360 000* in words.

03. Write 'three million three' in the numerical form.

04. Write the time *12.25*am in international standard form.

05. Express *240* minutes in hours.

06. Represent $P = 3$ and $Q = (-2)$ on a number line.

07. Fill in the following blanks using $<$ *or* $>$ sign.
i) 2 ____ *(-3)* *ii)* *(-3)* ____ *(-1)*

08. Round off 56 to the nearest multiple of 10.

09. Write down the digits suitable for the blank boxes.

$$\frac{2}{3} = \frac{4}{\square} = \frac{\square}{12}$$

10. Separate the numbers *1, 2, 3, 4, 5* and *7* into two groups based on a common characteristic and write them down.

11. Find the factors of 10.

12. What are the two properties of a rectangle?

13. Convert $\frac{3}{100}$ into a decimal.

14. What squre number will get if we add 4^{th} and 5^{th} traingular numbers.

15. Add

	km	*m*
	7	*30*
+	*2*	*80*

16. Express *3070 ml* in *l* and *ml*.

17. Subtract

	l	*ml*
	3	*300*
-	*1*	*700*

18. Write down the smallest possible number that can be formed by using each of the digits *7, 5, 6,* and *2* exactly once.

19. Write the fifth multiple of *13.*

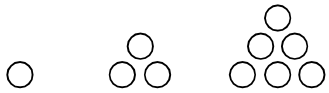
20. If a student stands with his arms stretched out both his sides and face towards the direction where sun rises, what is the direction of his left hand indicates?

(20 x 2 = 40 marks)

Part II

◆ **Answer the first question and four other questions.**

01. *a)* In relation to the unit of number paltern the following formation is made by a teacher using some bottle lids.



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i) Write the name for the numbers shown in the above pattern.

(1 mark)

ii) How many bottle lids are needed to make the 6^{th} formation.

(2 marks)

iii) A number is represented using lids that are arranged in Triangular formation. Then the bottom row consists of 11 lids. Find the total lids are used for this triangular formation.

(2 marks)

iv) How many bottle lids are used in the first six Triangular patterns?

(3 marks)

b) Answer the following questions using the numbers from 1 to 20.

i) Write down all the squre numbers.

(2 marks)

ii) Write down the first four composite numbers.

(2 marks)

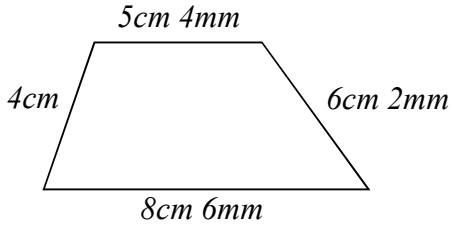
iii) What is the smallest prime number?

(2 marks)

iv) Which squre number will get by adding odd numbers from 1 to 8.

(2 marks)

02. *a)*



Find the perimeter of the given trapezium?

(3 marks)

b) The length of a rectangle is 8cm. If its perimeter is 50cm, then what is its width?

(3 marks)

c) Express the following lengths in metre *(m)*

i) *4 km* (1 marks)

ii) *1560 cm* (2 marks)

iii) *4 m 65 cm* (2 marks)

03. *a)* Simplify

i) 2579 + 468 (2 marks)

ii) 5800 - 968 (2 marks)

b) A bag of sugar cost is Rs.*4850.* Find the cost of 58 bags of sugar.

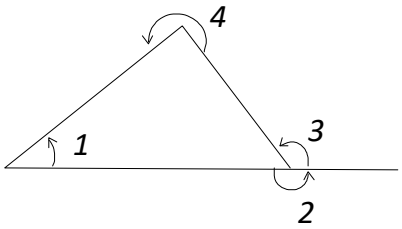
(3 makrs)

c) Divide

i) 2520 ÷ 24 *ii) 18000 ÷ 100*

(2 x 2 = 4 makrs)

04. *a)* Name the type of angle represented by the digits.



1 -
2 -
3 -
4 -

(4 marks)

b) What is the angle made by the hour hand and minute hand if the clock shows 3.00pm?

(2 makrs)

c)

Post office	School	Temple
Railway station	House	Market
Police station	Pond	Paddy field

i) What is the place situated from northeast of house?

(2 marks)

ii) What is the place situated from southeast of school?

(2 marks)

iii) In which direction is the paddy field situated from pond?

(1 marks)

05. *a)* Fill in the blanks using > , < or = sign.

i) $\frac{7}{17} \_\_\_\_ \frac{5}{17}$ (1 mark)

ii) $\frac{3}{4} \_\_\_\_ \frac{12}{16}$ (2 marks)

b) Simplify

i) $\frac{3}{5} + \frac{1}{5}$ (1 mark) *ii)* $\frac{9}{13} - \frac{5}{13}$ (1 mark)

c) *i)* Find the value of $\frac{5}{12} - \frac{1}{3}$ (3 marks)

ii) On Monday Vasuki read $\frac{1}{2}$ of a story book $\frac{1}{3}$ on Tuesday she read in of the book What fraction of the book was read in total by she on the two days?

(3 marks)

06. *a)* Write the number *25.71* in words.

(2 marks)

b) In the number *3.28.* What is the representative Value of the digit 8.

(2 marks)

c) Add *1.82 + 12.3*

(2 marks)

d) Subtract *14.32 - 4.93*

(2 marks)

e) Arrange in ascending order.
2.3, 2.13, 3.2, 2.25

(3 marks)