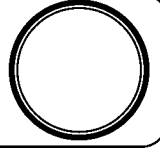


யா/ஹாட்லிக் கல்லூரி,பருத்தித்துறை.

J/ Hartley College, Point Pedro.



முதலாம் தவணைப் பரீட்சை – 2020 – தரம் 06  
First Term Examination – 2020 – Grade 06

கணிதம் I, II  
Mathematics I, II

32

T

I, II

இரண்டு மணித்தியாலம்  
Two Hours

கி. மு. எண்  
Index No

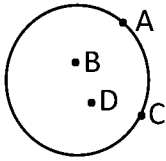
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**Mathematics**

**Part – I**

Answer all questions.

1.



In this figure which letters

Indicate positions on the circle.

2. Write 'two million twenty' in the numerical form.

3. Fill in the following blanks using < or > sign.

(i) 2 ..... (-8)

(ii) (-27) ..... (-25)

4. Write additional bonds of seven.

$$\begin{array}{r} 5 \ y \ 1 \\ y \ z \ 6 \\ \hline x \ 5 \ x \\ \hline \hline \end{array}$$

Write the numbers denoted by

$x$ ,  $y$  and  $z$  in this addition.

6. Round off 83 nearest to ten.

7. Multiply  $129 \times 13$

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

9. In a railway station there are 897 passengers and 541 girls only 27 boys have umbrella. Calculate the number of boys who have not umbrella.

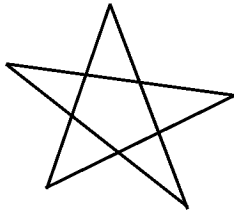
10. If a clock shows 1 hour 20 minutes, what is the type of angle between hour hand and minute hand?

11. Express 240 minutes in hours.

12. How many symmetrical axes are there in a semi – circle?

13. Write down all the integers between 5 and (-5) in ascending order.

14. How many acute angles are there in this figure?



15. Write the name of the instrument which used to identify the vertical plane.

16. Thinesh celebrates his birthday 20<sup>th</sup> on March 2020, write in standard form of that day.

17. Fill in the empty box.

$$\boxed{\phantom{0000}} - 4929 = 8299$$

18. Write all the prime numbers between 0 and 20.

19. Fill in the cages.

(i)  $1m = \boxed{\phantom{000}} cm$

(ii)  $1cm = \boxed{\phantom{000}} m$

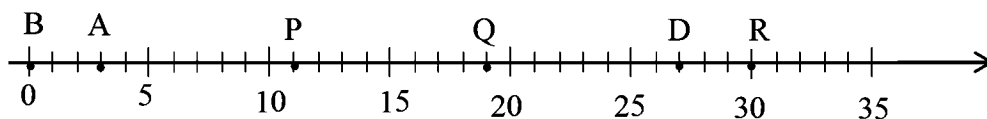
20. If a student stands with his arms stretched out both his sides and face towards the direction where sun rises, what is the direction of his left hand indicates?

(20 × 2 = 40 Marks)

### Part – II

Answer all questions.

01. The given number line show the values of A, B, P, Q, R and D.



(i) Write the corresponding numbers which represented by the letters.

A .....

B .....

P .....

Q .....

R .....

D .....

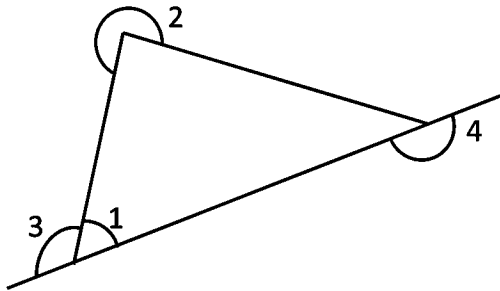
(ii) If  $G = A + P$ , find the value of G

(iii) If  $C > D$  and  $R > C$ , write down two suitable numbers to 'C'.

(iv) If  $Q > \square$ , according to the given number line what are letters more suitable to fill this cage.

02.

a)



Name the type of angle represented by the digits.

1. ....

3. ....

2. ....

4. ....

b)

**Hospital**

**Market**

**Paddy field**

**Post office**

**Pond**

**Temple**

**School**

**Police station**

**House**

(i) What is the place situated from NW of Pond?

(ii) What are the places situated from south east of Paddy field?

(iii) In which direction is pond situated from Temple.

03.

a) Fill in the blanks.

(i) 138 seconds = ..... minutes..... seconds.

(ii) 241 seconds = ..... minutes..... seconds.

b) Three sportsmen A, B, C are taken the following times to finish 1000m race 5 minutes 2 seconds, 4 minutes 34 seconds, 5 minutes respectively.

(i) Write the places obtained by the competitors A, B and C.

(ii) Find the time difference between first place and third place.

c)

(i) Add

hours	minutes	seconds
2	48	29
+ 1	46	49
<hr/>		
<hr/>		

(ii) Subtract

hours	seconds
3	07
- 1	39
<hr/>	
<hr/>	

04.

a) Fill the empty cages by use the suitable mathematical operations.

$$7 \square (7 \square 7) \square 7 = 5$$

b) Fill in the blanks using suitable number.

(i)

8	$\square$	8	8
4	3	7	$\square$
+ 3	3	$\square$	4
<hr/>			
1	5	9	8 1

(ii)

	4	3	5	$\square$
-	1	9	$\square$	5
<hr/>				
$\square$	$\square$	0	6	

c) Find the value of  $596 \times 96$ .

05.

a)

(i) Write down two situations, where estimation is used in day to day life.

(ii) When a whole number is rounded off to the nearest multiple of ten, the number 60 is obtained. Write down all the possible numbers that above whole number could be?

b)

(i) Write the number in standard form which represented by  $(7 \times 1) + (7 \times 10) + (9 \times 100) + (0 \times 1000) + (6 \times 10000)$

(ii) Write the words form of above number?

(iii) Write the standard form of number which 100 times of above number?