

DEVAMATHA CMI PUBLIC SCHOOL

ANNUAL EXAMINATION 2017-18

MATHEMATICS

Std. V

Time : 2 h.

Marks : 50

I Fill in the blanks :

 $(\frac{1}{2} \times 5 = 2\frac{1}{2})$

1. 0.85 cm = _____ m.m.
[a) 8.5, b) 85 c) 850 d) 0.085]
2. 1660 ml = _____ l.
[a) 16.60l, b) 1.660l, c) 0.1660l, d) 166.0l]
3. $\frac{452}{1000} =$ _____.
[a) 0.452 b) 45.2 c) 4.52 d) 0.0452]
4. Angles less than 90° are called _____ angles.
[a) obtuse, b) acute c) straight, d) right]
5. Which temperature shows the coolest city?
[a) 20°C b) 3°C c) 38°C d) 45°C]

II Fill in the blanks:

 $(\frac{1}{2} \times 5 = 2\frac{1}{2})$

6. A line has no end points, while a _____ has only one end point.
7. The multiplicative inverse of $3\frac{1}{5}$ is _____.
8. $\frac{3}{5} = \frac{42}{\square}$
9. $0.02 \times 3 =$ _____
10. If the side of a square is doubled, the area of that square will be increased by _____ times.

III Answer the following:

 $(1 \times 10 = 10)$

11. If 10 balls cost 224.5, then find the cost of 1 ball?
12. Rewrite in descending order:

5.03, 5.13, 5.30, 5.10, 5.003

13. $\frac{4}{7} \times \frac{42}{56}$

14. Draw and label a line, line segment and ray.

15. Subtract:

12 minutes — 2 minutes 20 seconds

16. If ☆☆☆☆☆ represents 630 apples. What does ☆☆☆ represent?

17. Change to hours and minutes:

a) 365 minutes

b) 790 minutes

18. If the perimeter of a square is 1040 metres, find the length of its side.

19. Find the perimeter of any 2 rectangles with area 24sq.cm.

20. If the side of a square handkerchief is 13cm, find its area.

IV Solve the following :

(2x10=20)

21. Reduce the fractions to its lowest terms:

[a) $\frac{81}{90}$

b) $\frac{12}{14}$

22. Praveen has travelled 73.5 km so far. How much farther does he have to travel to reach 100km?

23. Adriel jogged $1\frac{3}{7}$ km and walked $2\frac{2}{7}$ km. How far did he go?

24. Vidya buys 5m of cloth. She uses 2m 75cm to stitch a dress. How much cloth is left with her?

25. A kettle holds about 900ml of tea. How many tea cups of 150ml of each can it fill? (use repeated subtraction)

26. The length of a rectangular garden is 7.6m and breadth is 8.4m. Find the perimeter of the garden.

27. A brick is 16cm length, 5cm high and 4cm broad. What is the volume of 3 such bricks pile done on top of the other?

28. Prerna started to learn a short course on teachers day. If she completed the course in 29 days, on which day did she finish it?

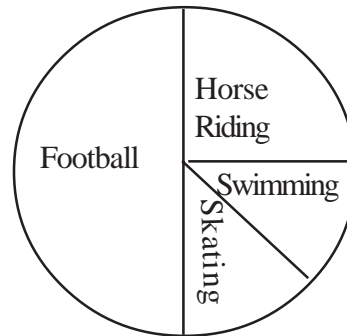
29. The following Circle Chart depicts the number of children participating in

various CCA activities.

Total children = 48

a) write the number of children participating in each activity.

b) How many children are participating in swimming and Horse riding together?



30. Raju bought 15kg of wax to make some decorative candles. If he needs $\frac{1}{10}$ kg per candle, how many candles can he make?

V Solve the following using necessary steps: (3x5=15)

31. Use protractor and scale to construct angles measuring,

a) $\angle 75^\circ$ b) $\angle 150^\circ$

32. Complete the table. Using a.m. or p.m.

starting time	Elapsed time	Finishing time
3.45 p.m.	6h. 40min	_____
7.50 a.m.	_____	1.40 p.m.
_____	4 h. 35 min	2.45 a.m.

33. 8kg of grapes cost ₹ 112. How much will 14kg grapes cost?

34. Match the following:

A

4 l 550 ml

40 l 505 ml

7. 675l

4.660 l

80782 ml

15500ml

B

4l 660 ml

7675 ml

40.505 l

4550 ml

15.500l

80.782l

35. Use the tally mark chart to answer the following questions showing the snow days in Finland.

Year	Snowdays
2010	
2011	
2012	
2013	
2014	

- a) Which year has exactly 18 snow-days?
- b) How many more snow days were there in 2010 than in 2011?
- c) Find the total number of snowdays for all the years together.