



# Primrose Schools

Affiliated to the CISCE Board for ICSE & ISC  
Affiliated to the Cambridge University for IGCSE, AS & A Level  
An ISO 9001:2015 Certified Institution

## NATIONAL PRIMTALENT OLYMPIAD EXAMINATIONS MATHEMATICS

**CLASS**  
**4**

Name :

Section :

Roll no :

### Guidelines for the Candidates

1	Please check your Name, Class and Section on the OMR sheet provided to you.
2	In case, OMR sheet with your name is missing, please fill in information about yourself in the blank sheet provided before start of exam.
3	All questions are compulsory. There is no negative marking. Use of calculator is not permitted.
4	There is only <b>ONE</b> correct answer. Choose only ONE option for an answer.
5	To mark your choice of answers by darkening the circles in OMR sheet, use <b><u>HB Pencil or Blue/Black ball point pen</u></b> only.
6	Rough work should be done in the blank space provided in the booklet.
7	Return the OMR sheet to the invigilator at the end of the exam
8	Please fill in your personal details in space on the top of this page before attempting the paper

## Section A - Logical reasoning

- The product of two numbers is 200. Their difference is 46. What are the two numbers?  
a) 100 & 2  
b) 40 & 5  
c) 50 & 4  
d) none of the above
- AJMF, CLMH, \_\_\_\_\_, GPML, IRMN  
a) CMMJ  
b) ENMJ  
c) EMNJ  
d) GONK
- Which of the following options will complete the given number series?  
2, 4, 8, 16, \_\_\_\_  
a) 40  
b) 32  
c) 33  
d) 48
- A woman deposits ₹140 every month from June. How much will she have at the end of September?  
a) ₹300  
b) ₹460  
c) ₹560  
d) ₹140
- A person repaired 7 clocks in August, 10 clocks in September, 14 clocks in October and 19 clocks in November. If this pattern continues, how many clocks will he repair in December?  
a) 25  
b) 26  
c) 24  
d) 30

## Section B - Everyday Math

- Tom started his homework at 14.30 hrs. He took 2 hr 10 min to do his homework. At what time did he finish doing his work?  
a) 17.30 hrs  
b) 16.10 hrs  
c) 12.20 hrs  
d) 16.40 hrs

7. A man bought 500g of grapes, 200g of lemons and 1kg of watermelons. What is the total quantity of fruits?

a) 1700 g

b) 800 g

c) 701 g

d) 1400 g

8. Sheela has 52 roses. The greatest number of roses she can put in a box is 5. What is the smallest number of boxes she would need?



a) 10

b) 5

c) 11

d) 12

9. Lucy's school just got over. Tick the right representation of that.



a) 4:30    b) 17:30    c) 4.30 a.m    d) 4:30 p.m.

10. 5 weeks 3 days = \_\_\_\_\_ days

a) 31 days

b) 38 days

c) 53 days

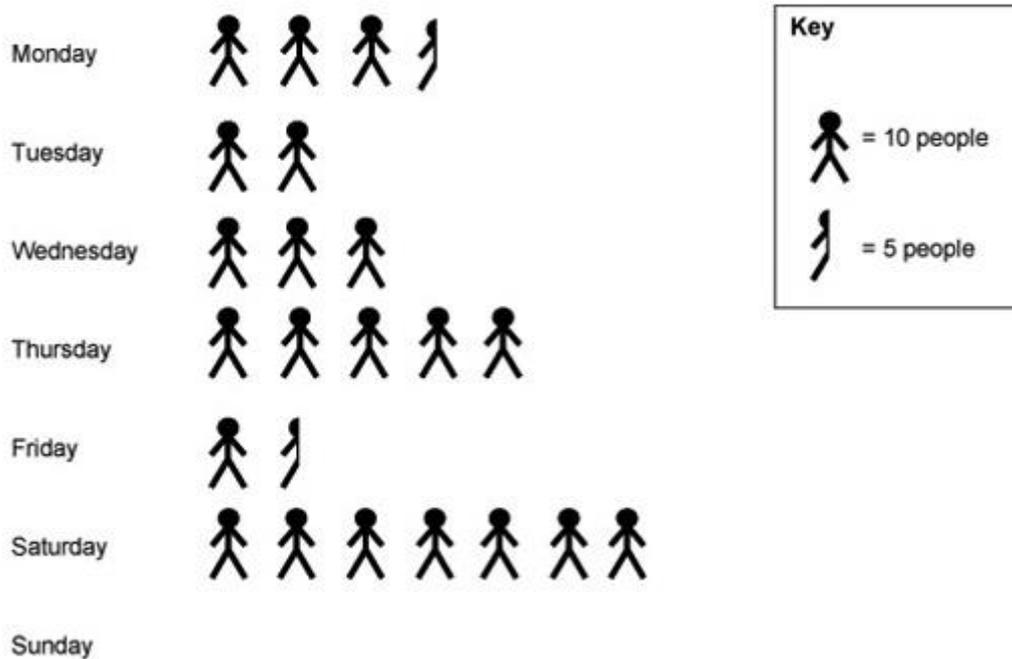
d) 28 days

11. How many number of pieces are there in a tangram?

- a) 5    b) 7    c) 4    d) 9

12.

The following pictogram shows the number of people visiting the library on different days of a week. On Monday, how many people visited the library?



- a) 45                      b) 35  
c) 40                      d) 30

13. Which shape has 7 sides?

- a) Hexagon    b) Octagon    c) Heptagon    d) Decagon

14. Ben's father drove 723 km on Thursday and 654 km on Friday. How many lesser kilometres did he drive on Friday?

- a) 79  
b) 96  
c) 69  
d) 68

15. What is the expanded form of 760145?

- a)  $700000 + 60000 + 0 + 100 + 40 + 5$
- b)  $70000 + 6000 + 0 + 400 + 10 + 5$
- c)  $700000 + 6000 + 1000 + 400 + 5$
- d)  $700000 + 6000 + 0 + 40 + 5$

16. Which is the missing time?



- a) 3.30
- b) 4.30
- c) 1.30
- d) 2.30

17. The mass of a watermelon is 5 kg on a weighing scale. If he adds oranges and bananas to this, the total weight doubles. What is the total weight?

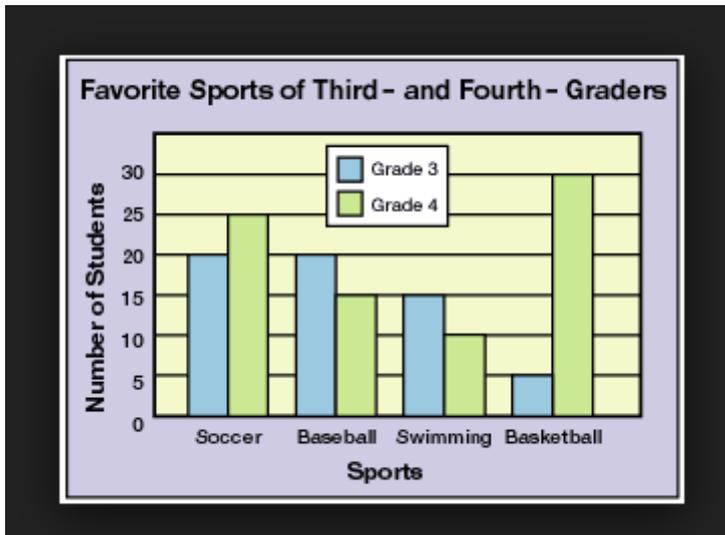
- a) 10 kg
- b) 50 kg
- c) 15 kg
- d) 25 kg

18. Estimate the product by rounding off to the nearest 100.

$$236 \times 680 =$$

- a) 180000
- b) 140000
- c) 14000
- d) 120000

19. How many students like soccer in total?



- a) 45    b) 20    c) 25    d) 50

20. Which option's underlined digit is worth 80?

1985

2758

2851

8451

A

B

C

D

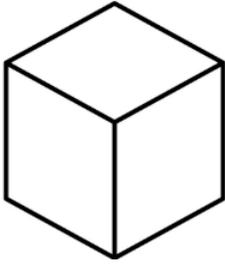
21. Find the ascending order of: XXII, XIV, XX, XIX

- a) XIV, XX, XIX, XXII  
b) XIV, XIX, XX, XXII  
c) XIX, XIV, XXII, XX  
d) XXII, XX, XIX, XIV

22. What is 39567 rounded off to the nearest 1000?

- a) 39000  
b) 39600  
c) 49000  
d) 40000

23. How many faces does this shape have?



- a) 8
- b) 3
- c) 6
- d) 4

24. Which is the greatest number possible amongst the given numbers?

- a) 876512
- b) 867521
- c) 876521
- d) 867251

25. Ken made a 3-D figure out of cardboard. The figure had 2 circular faces. Which figure could Ken have made?

- a) triangular prism
- b) cube
- c) triangular pyramid
- d) cylinder

26. 5100, 5000, 4900, 4800, A

Find the odd number after A.

- a) 4700
- b) 4701
- c) 4600
- d) 4801

27. Choose the two numbers that form the number sentence.

$$\boxed{\phantom{0000}} - \boxed{\phantom{0000}} = 6848$$

- a) 9268 and 2300
- b) 8657 and 2100
- c) 9348 and 2500
- d) 9348 and 3500

28. Find the dates which are two days prior to the third Saturday and five days after second Monday in the month of April?

April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

- a) 16<sup>th</sup> April, 19<sup>th</sup> April  
b) 17<sup>th</sup> April, 19<sup>th</sup> April  
c) 19<sup>th</sup> April, 18<sup>th</sup> April  
d) 12<sup>th</sup> April, 26<sup>th</sup> April
29. Complete the pattern by finding the missing number.

1, 4, 13, 40, \_\_\_\_\_

- a) 19  
b) 160  
c) 121  
d) 120
30. Ben has ₹160. How much money does he left with, if he buys a toy truck and a toy dinosaur?

bouncy ball	₹37.00
toy dinosaur	₹69.00
toy boat	₹95.00
toy truck	₹78.00

- a) ₹23      b) ₹13      c) ₹14      d) ₹24

31. 45 hundreds, 44 tens and 12 ones is the same as:

- a) 4852
- b) 4556
- c) 506
- d) 4952

32. Find the duration between 11.25 am and 3.40 pm.

- a) 4hr 15mins
- b) 4hr 10mins
- c) 3hr 40mins
- d) 3hr 25mins

33. \_\_\_\_\_ is equivalent of ten lakh in International System of numeration

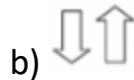
- a) Ten million
- b) One hundred thousand
- c) Ten thousand
- d) One million

34. Which pair of numbers makes the given mathematical statement true?

$$\square \div 8 = \square$$

- a) 80 and 8
- b) 80 and 10
- c) 8 and 10
- d) 800 and 10

35. Complete the pattern:



### Section C - Achievers section

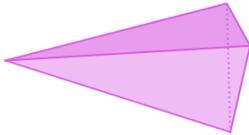
36. Each expression in the box has the same value.

$3 \times 4$
$6 \times 2$

Which of the following has the same value as each of the expression in the box?

- a)  $24 \div 2$                       b)  $12 \div 2$   
c)  $24 \div 4$                       d)  $24 \div 6$
37. A milkman sold 43 litres 250 ml milk in the morning and sold 26 litres 550 ml in the evening. How much milk did he sell altogether?
- a) 79 litres 800 ml                      b) 75 litres 800 ml  
c) 69 litres 800 ml                      d) 65 litres 750 ml

38. How many vertices does this shape have?



- a) 6              b) 4              c) 8              d) 2
39. Which of the following options will complete the series?

1, 5, 13, 25, \_\_\_\_\_, 61

- a) 50   b) 41   c) 31   d) 45
40. A train leaves city A at 11.05 hr At what time will it reach town B, if the journey takes 4 hrs 20 mins?
- a) 13: 50  
b) 15:25  
c) 15:20  
d) 14:25