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FOUNDATION**

**CLASS
2**

LEVEL - 1

Set A1

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MATHS OLYMPIAD™**

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Level - 1 : All Level-1 successful* participants will get certificate, aptitude report and school toppers will be eligible for school hero medals.

Level - 2 : School toppers* will be selected for level-2-National level - online computer based interactive test held at exam centres all over India. Winner will get merit certificate, medals, laptop, scholarship and other prizes.

Level - 3 Senior Class Toppers will qualify# for level-3-International level- where you will compete with students globally. Get selected for MIT-Harvard Maths Tournament (Online). Represent India & win laurels. Guidance by top scientists.



* # See prospectus/website for details

ROUGH WORK

Instructions for the Candidate

1. You are allowed additional 10 minutes to fill the required details in the RESPONSE SHEET (OMR).
2. The question paper is made as per syllabus guidelines & pattern given in the information Booklet. The Question Paper for Classes 1 to 6 contains 40 Questions each to be answered in 60 minutes. The Question paper for classes 7 to 12 contains 60 Questions each to be answered in 60 minutes. All questions are compulsory. Further instructions are given in the instruction letter to the teacher.
3. Use the response sheet to mark your responses by darkening the required circle. The response sheet has to be returned to the foundation, duly filled in. **THE STUDENT CAN RETAIN THE QUESTION PAPER.**

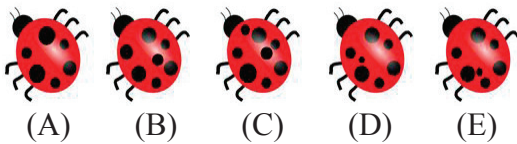
MENTAL ABILITY

1. What comes next in the given pattern?

2, 4, 6, 8, 10, 12, ?

- (1) 10
- (2) 14
- (3) 16
- (4) None of these

2. Which lady bird shows equal spots on both parts?



- (1) A
- (2) C
- (3) E
- (4) None of these

3. I am greater than 6 and less than 10 and an even.

What number am I? _____

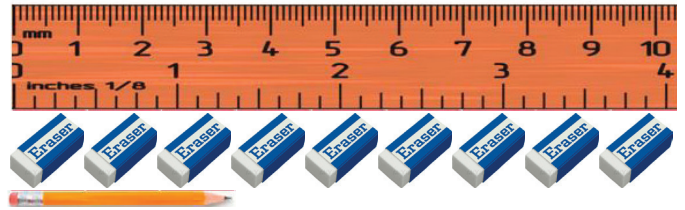
- (1) 7
- (2) 8
- (3) 9
- (4) None of these

4. What should be in ?



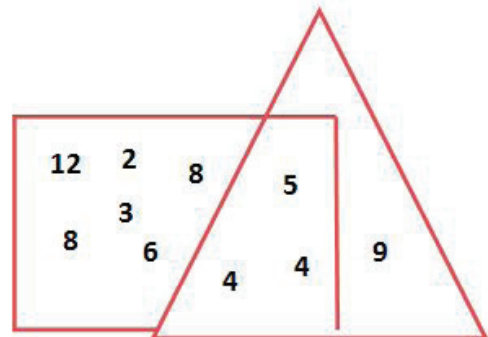
- (1)
- (2)
- (3)
- (4) None of these

5. The ruler is 9 erasers long. How many pencils long is the ruler?



- (1) 1 pencil long
- (2) 2 pencils long
- (3) 3 pencils long
- (4) None of these

6. Which number in the figure is in the triangle but NOT in the rectangle?



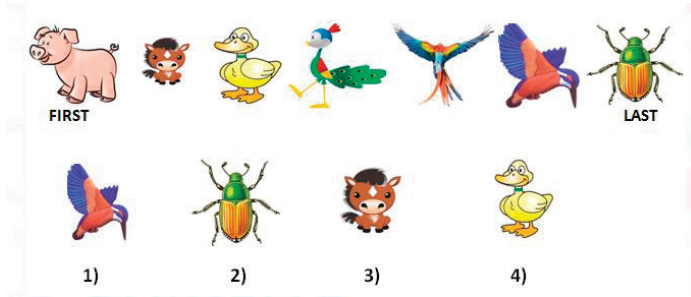
- (1) 9
- (2) 4
- (3) 5
- (4) None of these

7. Kirti saw 3 ducks in the park. How many legs did she see?



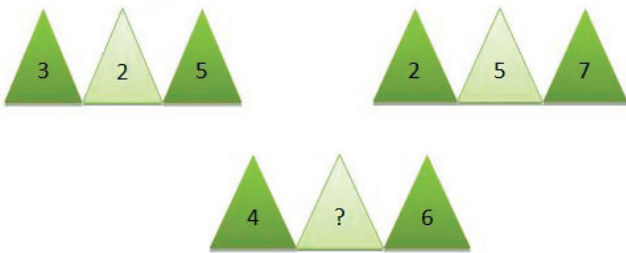
- (1) 2
- (2) 4
- (3) 6
- (4) None of these

8. Which is the seventh animal?



- (1) 2 (2) 1
 (3) 3 (4) None of these

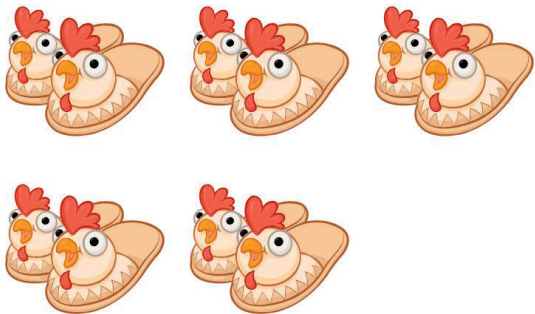
9. What is the missing number in the given pattern?



- (1) 10
 (2) 2
 (3) 3
 (4) None of these
10. Which of these takes the longest time?
 (a) Blink your eye
 (b) Polish your shoes
 (c) Eat your breakfast
 (d) Finish reading a story book of 100 pages
- (1) b
 (2) c
 (3) d
 (4) None of these

MATHEMATICS

11. Count the slippers by 2s.



How many slippers are there?

- (1) 5
 (2) 10
 (3) 8
 (4) None of these

12. Find the missing number.



- (1) 50
 (2) 52
 (3) 53
 (4) None of these
13. Which words make this statement true?
 89 _____ 87
- (1) Is greater than
 (2) Is less than
 (3) Is equal to
 (4) None of these
14. How do we write number using digits?

Eighty-Eight

- (1) 80 (2) 808
 (3) 88 (4) None of these

15. What shape comes next?



- (1)
- (2)
- (3)
- (4) None of these

16. Which is **Not** a way to make 5?

- (1) $1 + 6$
- (2) $5 + 0$
- (3) $5 - 0$
- (4) None of these

17. Mohit and his parents went on a trip. They hiked 6 kilometres on Monday, 2 kilometres on Tuesday, and 5 kilometres on Wednesday. How many kilometres did they hike in all?

- (1) 11
- (2) 12
- (3) 13
- (4) None of these

18. Seven less six is one.

Write this as a subtraction number sentence (using $-$ and $=$)

- (1) $7 = 6 - 1$
- (2) $7 - 6 = 1$
- (3) $6 - 7 = 1$
- (4) None of these

19. Fill in the missing number

$$\begin{array}{r} \square \square \\ - 14 \\ \hline 4 \end{array}$$

- (1) 18
- (2) 16
- (3) 10
- (4) None of these

20. What is the value of the underlined digit?

73

- (1) 7
- (2) 30
- (3) 3
- (4) None of these

21. 7 tens = ones

- (1) 7
- (2) 70
- (3) 10
- (4) None of these

22. How much is this coin worth?



- (1) Re 1
- (2) Rs 2
- (3) Rs 5
- (4) None of these

23. An ice cream costs Rs. 12. Do you have enough money to buy it?



2

2

10

5

- (1) Yes
- (2) No
- (3) Can't say
- (4) None of these

24. Which day comes after **Friday**?

- (1) Sunday
- (2) Thursday
- (3) Saturday
- (4) None of these

25. How many days does May have?

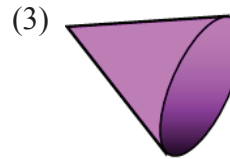
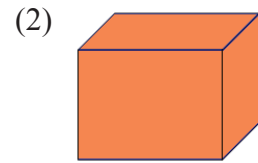
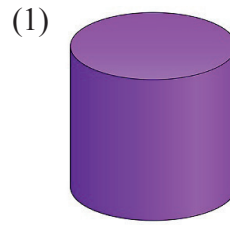
- (1) 28
- (2) 31
- (3) 30
- (4) None of these

26. What shape is this?



- (1) Circle
- (2) Square
- (3) Triangle
- (4) None of these

27. Which shape is a **cylinder**?



- (1) 
- (2) 
- (3) 
- (4) None of these

28. Which watering can holds less?



- (1) 
- (2) 
- (3) 
- (4) None of these

29. Which number makes the equation true?

$$6 + 0 = \square - 14$$

- (1) 18
- (2) 16
- (3) 20
- (4) None of these

30. Prachi's mom is making sandwiches in the morning.

Is it A.M. or P.M.?

- (1) A.M.
- (2) P.M.
- (3) Can't say
- (4) None of these

INTERACTIVE SECTION

31. On which colour is the spinner less likely to land?



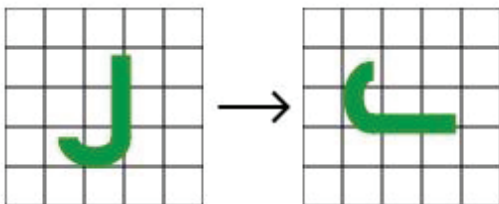
- (1) Grey
- (2) White
- (3) Can't say
- (4) None of these

32. If you select a marble without looking, how likely is it that you will pick a black one?





- (1) Certain
- (2) Unlikely
- (3) Impossible
- (4) None of these

33. What has been done to this letter?





- (1) Flip
- (2) Turn
- (3) Slide
- (4) None of these

34. Anuraag cleaned out the family desk and found some highlighters and books. He made a table of the items he found:

Items		
How many?	10	1




Did he find more highlighters or books?

- (1) 
- (2) 
- (3) Same
- (4) None of these

35. Look at these coins:



Which group shows the same amount?

- (1) 
10 5 2 50 50
- (2) 
10 2 2 2 2
1
- (3) 
10 5 2 50 50 50
- (4) None of these

Questions 36 and 37 are based on the table:

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
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

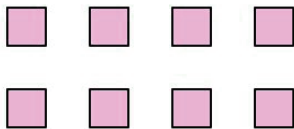
36. Select the number that is 1 less than 50?

- (1) 49
- (2) 51
- (3) 48
- (4) None of these

37. Select the number that is 2 more than 72?

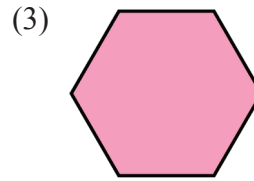
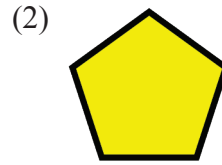
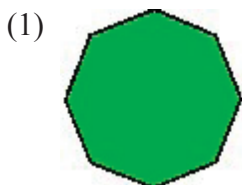
- (1) 70
- (2) 73
- (3) 74
- (4) None of these

38. Is the number of squares even or odd?



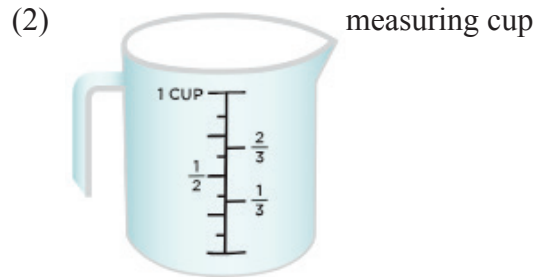
- (1) Even
- (2) Odd
- (3) Can't say
- (4) None of these

39. Which shape has more vertices?



(4) None of these

40. Which tool would you use to find out how cold it is inside the refrigerator?



(4) None of these



END OF THE EXAM