



**EDUHEAL
FOUNDATION**

**CLASS
3**

**LEVEL - 1
Set A1**

EHF OLYMPIADS

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**EHF
NATIONAL INTERACTIVE
MATHS OLYMPIAD™**

Name :

Roll No :

Class :

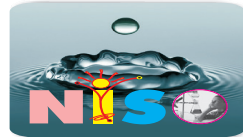
School :



**NATIONAL
BIOTECHNOLOGY
OLYMPIAD**



**NATIONAL
INTERACTIVE
SCIENCE
OLYMPIAD**



**INTERNATIONAL
ENGLISH
OLYMPIAD**



**NATIONAL
INTERACTIVE
MATHS
OLYMPIAD**



**INTERNATIONAL
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**INTERNATIONAL
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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. Which number is smaller?
(1) 350 (2) 140
(3) 216 (4) None of these
2. There are 4 baskets. There are 24 apples in each basket. How many apples are there all together?
(1) 96 (2) 86
(3) 125 (4) None of these
3. Fill in the missing number.
 $\square \div 10 = 0$
(1) 10 (2) 0
(3) 100 (4) None of these
4. Is 22 divisible by 5?
(1) Yes (2) No
(3) Can't say (4) None of these
5. How many sides does a **pentagon** have?
(1) 3 (2) 4
(3) 5 (4) None of these
6. What is the missing number in this sequence?
2, 5, 8, 11, 14, 17, _____
- (1) 18 (2) 19
(3) 20 (4) None of these
7. The date is the 15th March. What will the date be in a week's time?
(1) 22nd March (2) 23rd march
(3) 22nd April (4) None of these
8. What number comes halfway between 40 and 60?
(1) 45 (2) 55
(3) 50 (4) None of these
9. What fraction of this shape is shaded?
- 
- (1) $5/3$ (2) $2/5$
(3) $3/5$ (4) None of these
10. You are facing **North**. You turn two half turns. Which way you are facing now?
(1) North (2) South
(3) East (4) None of these

MATHEMATICS

11. Which number makes the equation true?
 $386 + 149 = \square + 244$
(1) 291 (2) 149
(3) 386 (4) None of these
12. Which number's underlined digit is worth **40**?
(1) 14 (2) 44
(3) 04 (4) None of these
13. A large company is hosting a conference. So far, a total of 148 people have signed up, including 24 from India. How many people from other countries have signed up?
(1) 142
(2) 120
(3) 124
(4) None of these

14. Which number sentence is **true**?
- (1) $8 \times 0 = 1 \times 8$ (2) $4 \times 2 = 8 \times 1$
 (3) $5 \times 2 = 7 \times 1$ (4) None of these

15. What time does the clock show?



- (1) 8:00 (2) 6:00
 (3) 7:00 (4) None of these
16. A city wants to replace 4 streetlights on each city block. How many new streetlights will the city need for 2 blocks?

- (1) 6 (2) 8
 (3) 7 (4) None of these

17. Select number sentence that is **Not** true.

- (1) $50 \div 5 = 9$ (2) $45 \div 9 = 5$
 (3) $49 \div 7 = 7$ (4) None of these

18. Rohan wants to purchase 72 bars of soap. If the bars of soap come in packs of 6, how many packs should Rohan buy?

- (1) 9 (2) 10
 (3) 12 (4) None of these

19. Neeti is looking for a new bed one afternoon. Her mom's watch shows:



What time is it?

- (1) 1:00 A.M. (2) 1:00 P.M.
 (3) Can't say (4) None of these

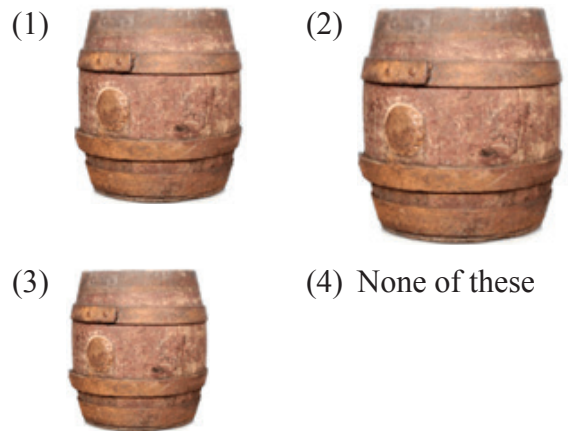
20. How many **Mondays** are there in October?

October						
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	31		

- (1) 4 (2) 5
 (3) 6 (4) None of these
21. Which is a better estimate for the length of a finger?

- (1) 6 metres (2) 6 centimetres
 (3) 6 kilometres (4) None of these

22. Which barrel holds **less**?



- (1) (2) None of these
 (3) (4) None of these
23. How many vertices does this shape have?



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

24. In this problem, what is 19?

$$71 \div 19 = 3 \text{ R } 14$$

- (1) Remainder (2) Divisor
 (3) Quotient (4) None of these

25. Solve:

$$42 + (53 - 15) - 53 = \boxed{}$$

- (1) 27 (2) 17
 (3) 7 (4) None of these

26. Which expression equals 3×5 ?

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

27. Which sign makes the statement true?

$$64 \text{ ? } (8 \times 8) = 1$$

- (1) $-$ (2) \div
 (3) \times (4) None of these

28. What is next in the following pattern?



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

29. Which odd number comes right after 88?

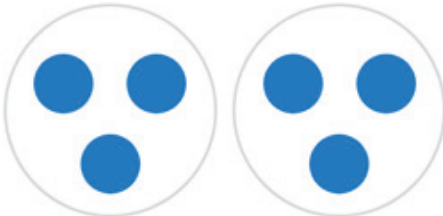
- (1) 89 (2) 90
 (3) 87 (4) None of these

30. Choose the **smallest** amount.

- (1) Rs. 11.00 (2) Rs. 27.50
 (3) Rs.10.50 (4) None of these

INTERACTIVE SECTION

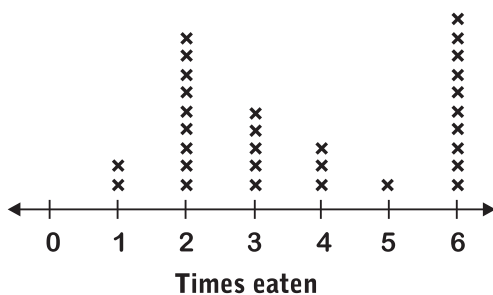
31. Which expression describes the model?



- (1) 3×4 (2) 2×3
 (3) $2 + 3$ (4) None of these

32. Ice-cream parlour counted how many times some of its customers ate ice-cream last month.

Eating ice cream last month



How many customers ate ice-cream exactly three times last month?

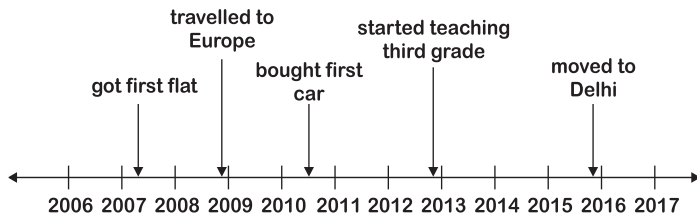
- (1) 5 (2) 4
 (3) 3 (4) None of these

33. A bottle of tomato ketchup costs 114 rupees and 44 paise. Do you have enough money to buy it?



- 10 50 2 2
- (1) Yes (2) No
 (3) Can't say (4) None of these

34. Look at Susan's timeline.



Did he start teaching third grade before or after 2008?

- (1) Before
- (2) After
- (3) Can't say
- (4) None of these

35. What is the temperature?

- (1) 25°C
- (2) 15°C
- (3) 30°C
- (4) None of these

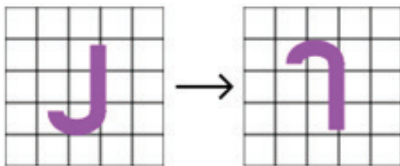


36. Does this picture have symmetry?



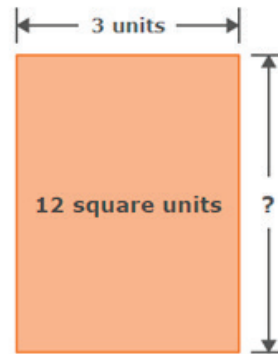
- (1) Yes
- (2) No
- (3) Can't say
- (4) None of these

37. How has this figure been transformed?



- (1) Reflected
- (2) Rotated
- (3) Translated
- (4) None of these

38. The length of a rectangle is 3 units. The area is 12 square units. What is the **width** of the rectangle?



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

39. Some friends discussed the sizes of their coin collections.

Coin collections	
Name	Number of coins
Mohit	33
Jatin	22
Seema	32
Tara	13

How many more coins does Mohit has than Tara?

- (1) 20
- (2) 23
- (3) 46
- (4) None of these

40. On which colour is the spinner **more** likely to land?



- (1) White
- (2) Grey
- (3) Neither; white and grey are equally likely
- (4) None of these



END OF THE EXAM