



# EDUHEAL FOUNDATION



## INTERACTIVE OLYMPIADS

EDUHEAL FOUNDATION CONDUCTS 8 OLYMPIADS ANNUALLY REACHING OUT TO 3,500 + SCHOOLS  
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<b>ICO</b> INTERNATIONAL CYBER OLYMPIAD	<b>NISO</b> NATIONAL INTERACTIVE SCIENCE OLYMPIAD	<b>NIMO</b> NATIONAL INTERACTIVE MATHS OLYMPIAD	<b>NBTO</b> NATIONAL BIOTECHNOLOGY OLYMPIAD	<b>IEO</b> INTERNATIONAL ENGLISH OLYMPIAD	<b>IGO</b> INTERNATIONAL G.K. OLYMPIAD
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**Level - 1** : Level-1 winners will get certificate, aptitude report, medals for the school toppers and online subscription.

**Level - 2** : Top 10 % including school toppers will be selected for level-2-National level - online computer based interactive test held at exam centres all over India. Besides selection for level-3, winner will get merit certificate, aptitude report, medals, Mp3 player, watches, educational CDs, laptop, scholarship, online subscription etc.

**Level - 3** : Top 1% will qualify for level 3-International level-where you will compete with students globally. Get selected for EHF's International Olympiad training camp. Only Indian organization giving students exposure to global competitions. Represent India & win laurels. Guidance by top scientists.

Prizes ranges from cash (millions of \$), gadgets, foreign trips, publicity, fame, scholarships, Internships, conference participation and more.

- You are allowed additional 10 minutes to fill the required details in the **RESPONSE SHEET**.
- The question paper is made as per syllabus guidelines & pattern given in the information Booklet. The Question Paper for Classes 1 to 6 contains 25 Questions each to be answered in 40 minutes. The Question paper for classes 7 to 12 contains 50 Questions each to be answered in 60 minutes. All questions are compulsory. Further instructions are given in the instruction letter to the coordinator teacher.
- 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.

**NATIONAL INTERACTIVE MATHS OLYMPIAD**

**NIMO**

**3** Class **A1** Paper Code

LEVEL - 1

Academic Partner — [WWW.EDUSYS.IN](http://WWW.EDUSYS.IN)

**EtG** BOOKS Creating SUCCESS Stories

EDUSYS LEARNING MEDIA  
AIEEE • IIT • PMT • OLYMPIADS

intel INTERNATIONAL SCIENCE AND ENGINEERING FAIR

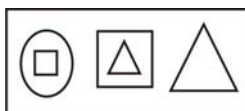
Google Science Fair

THE HARVARD-NIT MATHEMATICS TOURNAMENT

**ORACLE ThinkQuest** EDUCATION FOUNDATION

### MENTAL ABILITY

1. What comes in the centre of the square?



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

2. A leap year is a year that is divisible by \_\_\_\_\_

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

3. 1 m =  cm

- (1) 1000 (2) 10  
 (3) 100 (4) None of these

4. Divide by 2 to find which of the following is an even number?

- (1) 15 (2) 13  
 (3) 12 (4) None of these

5. One-third is written as

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

### MATHEMATICS

6. 1 hour and 25 minutes =  minutes

- (1) 85 (2) 84  
 (3) 75 (4) None of these

7. What figure is this?



- (1) Cube (2) Hemisphere  
(3) Cone (4) None of these

8. If  $\frac{2}{5} + \frac{3}{5} = \square$  then  $\square$  is  
(1) 10 (2) 5  
(3) 1 (4) None of these

9. ₹ 6.25 in words is  
(1) Six rupees and twenty five paise  
(2) Six rupees and twenty paise  
(3) Six rupees and five paise  
(4) None of these

10. Fill in the box

$400 \times 12 = \square$

- (1) 4800 (2) 4900  
(3) 5800 (4) None of these

11. Match the following:

- |             |        |
|-------------|--------|
| (a) Potato  | (p) l  |
| (b) Perfume | (q) kg |
| (c) River   | (r) ml |
| (d) Petrol  | (s) km |
- (1) (a) → (q) (2) (a) → (p)  
(b) → (r) (b) → (q)  
(c) → (s) (c) → (r)  
(d) → (p) (d) → (s)
- (3) (a) → (s) (4) None of these  
(b) → (r)  
(c) → (q)  
(d) → (p)

12. 4 weeks + 8 weeks =  $\square$  days.  
(1) 78 (2) 84  
(3) 67 (4) None of these

13. Fill in the box : -

$7 \times 3 = \square$

- (1) 22 (2) 24  
(3) 21 (4) None of these

14. Sonu is 4 years old. How many months old is he?

- (1) 48 (2) 38  
(3) 36 (4) None for these

15.  $36 \div 6 = ?$

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

16. Subtract 3 from 17.

- (1) 15 (2) 14  
(3) 16 (4) None of these

17. The beginning of day is called.

- (1) Evening (2) Night  
(3) Morning (4) None of these

18. ₹ 43.40 × 3 = ?

- (1) 130.20 (2) 131.20  
(3) 130.60 (4) None of these

19. The sum of ₹ 7 and ₹ 6 is

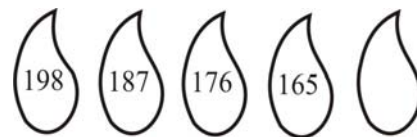
- (1) 1200 paise (2) 1300 paise  
(3) 1400 paise (4) None of these

20. 10 kg = ?

- (1) 100,000 g (2) 100 g  
(3) 1000 g (4) None of these

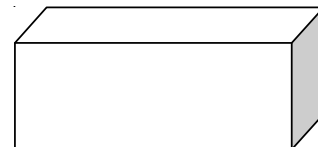
### ETG INTERACTIVE SECTION

21. What comes next ?

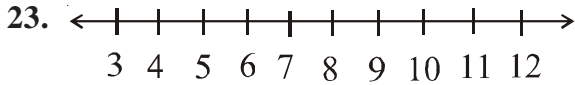


- (1) 154 (2) 164  
(3) 155 (4) None of these

22. How many edges does this figure have ?



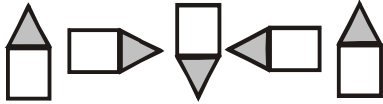
- (1) 13 (2) 9  
 (3) 12 (4) None of these



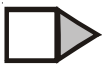
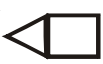

Which number is farthest from 3?

- (1) 11 (2) 12  
 (3) 10 (4) None of these

24. Look at this pattern of shapes.



If this pattern continues which figures will come next?

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

25. The table shows the amount of time Kajal spent on skating

Day	Practice Time
Monday	30 minutes
Tuesday	50 minutes
Wednesday	70 minutes
Thursday	90 minutes
Friday	110 minutes
Saturday	?

If the pattern in the table continues, how many minutes will she spend practicing on Saturday?

- (1) 130 (2) 120  
 (3) 140 (4) None of these



**END OF THE EXAM**