



# 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**

**2** 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

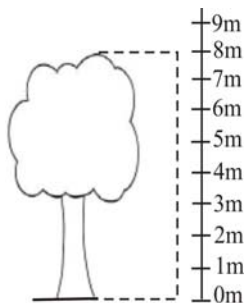
Google Science Fair

THE HARVARD-MIT MATHEMATICS TORNAVENT

ORACLE ThinkQuest EDUCATION FOUNDATION

### MENTAL ABILITY

- How many times in a day does the clock show 1 o'clock?
  - Twice
  - Once
  - Thrice
  - None of these
- The height of the tree is about



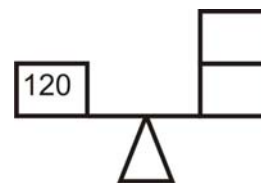
- 10 m
- 8 cm
- 8 m
- None of these

- What figure will come next in the pattern?



- Four downward arrows
- Four upward arrows
- Three downward arrows
- None of these

- Which two boxes can balance the following scale?



- 50 and 40
- 40 and 60

- (3) 90 and 30 (4) None of these

5. The digit 7 stands for    in the number 675.

- (1) 7 hundreds (2) 7 tens  
(3) 7 units (4) None of these

### MATHEMATICS

6. Three hundred sixty five is written in numbers as

- (1) 375 (2) 365  
(3) 465 (4) None of these

7. The place value of 7 in 7268 is

- (1) 7000 (2) 70  
(3) 700 (4) None of these

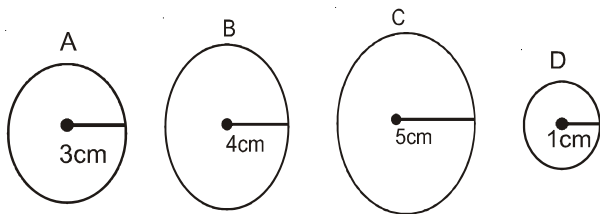
8.  $724 + 899 = ?$

- (1) 1622 (2) 1624  
(3) 1623 (4) None of these

9. 1 year = \_\_\_\_\_ months

- (1) 12 (2) 13  
(3) 10 (4) None of these

10. Which circle is largest in radius?



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

(11-12) The marks obtained by Ritika, Karnika, Ruchika and Pallavi in science are as given below.

Ritika = 85 marks

Karnika = 96 marks

Ruchika = 72 marks

Pallavi = 83 marks

11. Which student has obtained highest marks?

- (1) Ritika (2) Karnika  
(3) Ruchika (4) None of these

12. Which student has obtained lowest marks?

- (1) Ritika (2) Pallavi  
(3) Ruchika (4) None of these

13. Which number goes in box?

$$1728 > \bullet > 1600$$

- (1) 1699 (2) 1500  
(3) 1795 (4) None of these

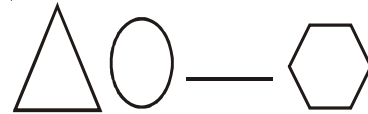
14. There are 10 books. Each book has 10 pages. How many pages are there in all?

- (1) 56 (2) 100  
(3) 200 (4) None of these

15. There are \_\_\_\_\_ minutes in an hour?

- (1) 60 (2) 70  
(3) 80 (4) None of these

16. Look at this pattern. Fill in the missing one.



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

17. If  $45 \div 5 = \bullet$ , then  $\bullet$  is

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

18. A 500 l tank is filled up with water. A tap is opened and 190 l water is allowed to run out. How much water remains in the tank?

Water in the tank      500 l

Water run out      (-) 190 l

Water remaining      \_\_\_\_\_

- (1) 319 l                      (2) 310 l  
 (3) 410 l                      (4) None of these

19. The given clock is showing what time?



- (1) 3 : 30                      (2) 2 : 30  
 (3) 6 : 30                      (4) None of these

20. A table spoon can hold 20 ml water. How much water can 8 such spoons hold?

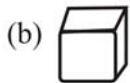
- (1) 160ml                      (2) 267ml  
 (3) 165ml                      (4) None of these

**ETG INTERACTIVE SECTION**

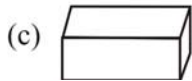
21. Match the following



(p) Rectangle



(q) Cuboid



(r) Sphere



(s) Cube

- (1) (a) → (r)                      (2) (a) → (s)  
 (b) → (s)                      (b) → (r)  
 (c) → (q)                      (c) → (p)  
 (d) → (p)                      (d) → (q)  
 (3) (a) → (r)                      (4) None of these  
 (b) → (q)  
 (c) → (s)  
 (d) → (p)

22. Count the money



- (1) 60 paise                      (2) 20 paise  
 (3) 40 paise                      (4) None of these

23. Rahul bought the following things from the market. Calculate how much the following cost him.



₹ 80



₹ 40



₹ 60

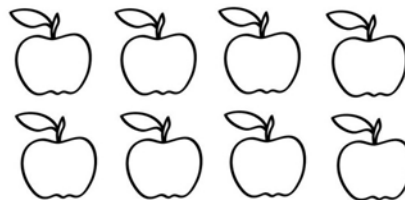


₹ 35

Total ₹ \_\_\_\_\_

- (1) ₹ 217                      (2) ₹ 316  
 (3) ₹ 215                      (4) None of these

24. Find the weight of the 8 apples, 120 gm for each apple.



- (1) 961gm                      (2) 860gm  
 (3) 960gm                      (4) None of these

25. Add and Subtract



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



**END OF THE EXAM**