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INTERACTIVE OLYMPIADS

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ICO INTERNATIONAL CYBER OLYMPIAD	NISO NATIONAL INTERACTIVE SCIENCE OLYMPIAD	NIMO NATIONAL INTERACTIVE MATHS OLYMPIAD	NBTO NATIONAL BIOTECHNOLOGY OLYMPIAD	IEO INTERNATIONAL ENGLISH OLYMPIAD	IGO 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

4 Class **A1 Paper Code**

LEVEL - 1

Academic Partner — WWW.EDUSYS.IN

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intel Google Science Fair

INTERNATIONAL SCIENCE AND ENGINEERING FAIR

H THE HARVARD-NIT MATHEMATICS TOURNAMENT

ORACLE ThinkQuest EDUCATION FOUNDATION

MENTAL ABILITY

- What is this ?

 - line
 - line segment
 - ray
 - None of these
- $\frac{5}{5}$ is a
 - 5th part of whole
 - Whole
 - 2 parts of whole
 - None of these
- To build a smallest number by rearranging 3, 9, 5, 6 we have to arrange the numbers in
 - as given
 - increasing order
 - decreasing order
 - None of these

- The place value of 0 is always
 - 1
 - 10
 - 0
 - None of these
- Find the number pattern.

97	102	107	
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 - 112
 - 111
 - 106
 - None of these

MATHEMATICS

- Convert 8 km into metres:-
 - 800 m
 - 8000 m
 - 80
 - None of these
- Square has _____ sides
 - 4
 - 5

- (3) 6 (4) None of these

8. Fill in the blank :-

$$576 \div 16 = \square$$

- (1) 37 (2) 36
(3) 35 (4) None of these

9. Write 57092 in expanded form

- (1) $50000 + 7000 + 000 + 90 + 2$
(2) $50000 + 7000 + 0 + 90 + 2$
(3) $50000 + 7000 + 90 + 2$
(4) None of these

10. The number by which division is made is called

- (1) dividend (2) quotient
(3) divisor (4) None of these

11. $5536 - 2504 + 1890 = \text{————}$

- (1) 4922 (2) 1142
(3) 4822 (4) None of these

12. $62019 \square 62091$

- (1) $<$ (2) $>$
(3) $=$ (4) None of these

13. Product of any number with 0 is always

- (1) 1 (2) $\frac{1}{2}$
(3) 0 (4) None of these

14. Write the 56191 in words

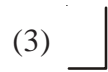
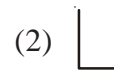
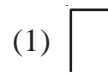
- (1) Fifty six thousand one hundred ninety one
(2) Fifty six thousand one hundred nine
(3) Five thousand six hundred ninety one
(4) None of these

15. Find the fraction of shaded smileys



- (1) $\frac{7}{10}$ (2) $\frac{10}{7}$
(3) $\frac{3}{10}$ (4) None of these

16. Find the pattern and fill in the correct letter in the box.



(4) None of these

17. The smallest 4 digit number is 9,999

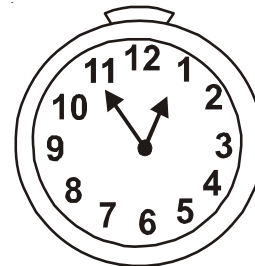
- (1) True (2) False
(3) Can't say (4) None of these

18. Fill in the blank :-

$$96 \div 8 = \square$$

- (1) 16 (2) 13
(3) 12 (4) None of these

19. What is the time ?



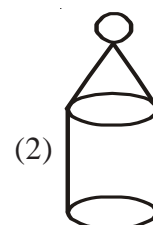
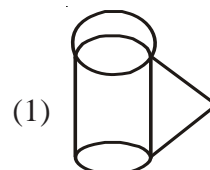
- (1) 12 : 53 (2) 12 : 55
(3) 12 : 40 (4) None of these

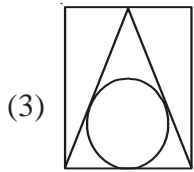
20. A chocolate factory makes 986 chocolate per day. How many chocolate will the factory make in 30 days?

- (1) 29580 (2) 6000
(3) 6820 (4) None of these

EtG INTERACTIVE SECTION

21. Which figure is made of a circle, a cone and a cylinder?



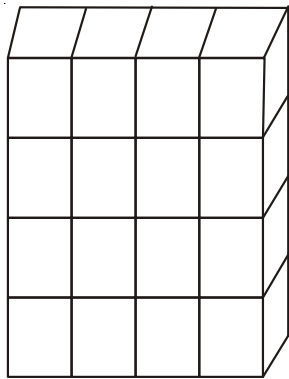


(4) None of these

22. Akbar the great was born in 1542 and died at the age of 63. In which year did he die?

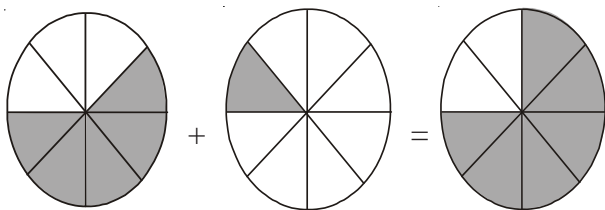
- (1) 1603 (2) 1604
 (3) 1605 (4) None of these

23. How many will be required to complete the given figure?



- (1) 12 (2) 16
 (3) 20 (4) None of these

24. Fit fractions in the following boxes.



$$\boxed{\frac{5}{8}} + \boxed{\frac{1}{8}} = \boxed{\phantom{\frac{\quad}{\quad}}}$$

- (1) $\frac{2}{8}$ (2) $\frac{3}{8}$
 (3) $\frac{6}{8}$ (4) None of these

25. The following table shows the number of steel cups sold by Vishal in past week.

Steel Cups sold	
Day	Number of cups
Wednesday	449
Thursday	447
Friday	371
Saturday	215

On which day did Vishal sell the fewest steel cups?

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



END OF THE EXAM