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EDUHEAL FOUNDATION CONDUCTS 8 OLYMPIADS ANNUALLY REACHING OUT TO 3,500 + SCHOOLS

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**NATIONAL
INTERACTIVE
SCIENCE
OLYMPIAD**

N I S O

**6
Class**

**A1
Paper
Code**

LEVEL - 1

Academic Partner — WWW.EDUSYS.IN



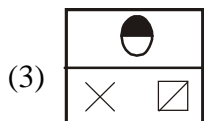
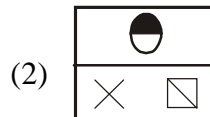
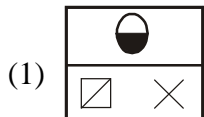
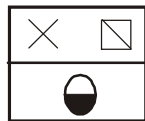
ICO INTERNATIONAL CYBER OLYMPIAD	NISO NATIONAL INTERACTIVE SCIENCE OLYMPIAD	NIMO NATIONAL INTERACTIVE MATHS OLYMPIAD	NBTO NATIONAL BIOTECHNOLOGY OLYMPIAD	IEO INTERNATIONAL ENGLISH OLYMPIAD	IGO INTERNATIONAL G.K. OLYMPIAD	BIFO BSE INTERNATIONAL FINANCE OLYMPIAD
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- Level - 1** : All Level-1 successful* participants will get certificate, aptitude report and online subscription, 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. Besides selection for level-3, winner will get merit certificate, medals, educational CDs, laptop, scholarship and other prizes. There is no level 2 in G.K. and Biotech.
- Level - 3** : Toppers 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. Level 3 is in Maths, Science & Cyber only.
- *# See prospectus/website for details

- You are allowed additional 10 minutes to fill the required details in the **RESPONSE SHEET (OMR)**. **STUDENTS OF CLASS 1 & 2 HAVE TO UNDERLINE** THE CORRECT ANSWER IN THE QUESTION PAPER ITSELF. THEY ARE NOT REQUIRED TO USE THE RESPONSE SHEET (OMR). THEY HAVE TO FILL THEIR NAME, ROLL NUMBER, CLASS, SCHOOL NAME IN THE SPACE PROVIDED IN THE QUESTION PAPER.
- 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 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 except for classes 1 and 2.

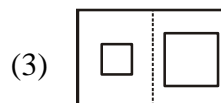
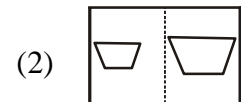
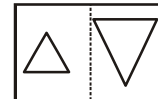
GENERAL IQ

- Which of the following is the correct mirror image for the figure given below ?



(4) None of these

- In the following question, a related pair of figure is followed by four pair of figures. Select the pair that has a relationship similar to that in the original pair.



(4) None of these

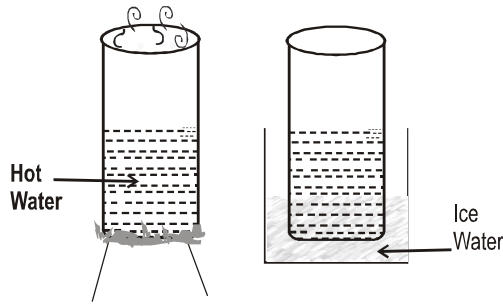
3. My successor's father is my father's son and I don't have any brothers or sons. Who is my successor ?
 (1) Daughter (2) Niece
 (3) Myself (4) None of these
4. 87 kg of potatoes are distributed in two boxes. One box weighs 11 kg less than the other one. How many kilograms of potatoes does the lighter box contain ?
 (1) 38 (2) 37
 (3) 36 (4) None of these
5. 30 years ago it would take a worker five hours to make a chair. Today it takes him just 30 minutes, what does it mean?
 (1) Man has become more industrious
 (2) People work faster in order to avoid unemployment
 (3) Productivity has increased
 (4) None of these

GENERAL SCIENCE

6. Animal poaching is
 (1) Keeping animals in zoo
 (2) Illegal killing of animals
 (3) Stealing of animals
 (4) None of these
7. Which of the following gives energy instantly ?
 (1) Apple (2) Glucose
 (3) Milk (4) None of these
8. As the seedling leaves grow bigger, the seed leaves shrink because
 (1) They feel colder under the ground
 (2) Food stored in them is used up
 (3) Sunlight make them shrink
 (4) None of these
9. Malaria is spread by
 (1) Female mosquito (2) Male mosquito
 (3) Both 1 and 2 (4) None of these
10. Which is not a vitamin deficiency disease ?
 (1) Scurvy (2) Rickets

- (3) Marasmus (4) None of these
11. Barometer is used to measure
 (1) Air pressure
 (2) Water pressure
 (3) Speed of water flow
 (4) None of these
12. Which of the following will release more smoke while burning ?
 (1) Dry wood (2) Damp wood
 (3) Biogas (4) None of these
13. CNG stands for
 (1) Coloured Natural Gas
 (2) Custom Natural Gas
 (3) Compressed Natural Gas
 (4) None of these
14. The shape of the earth is
 (1) Round (2) Square
 (3) Oval (4) None of these
15. Which type of teeth is formed last in one's life ?
 (1) Molars (2) Wisdom
 (3) Canines (4) None of these
16. Which part of an apple tree becomes the fruit ?
 (1) Stem (2) Root
 (3) Leaves (4) None of these
17. Which is a social insect ?
 (1) Mosquitoes (2) Honey bees
 (3) Bed bugs (4) None of these
18. "Small intestine is the longest organ of your body."
 (1) True (2) False
 (3) Can't say (4) None of these
19. Who can hear ultrasonic sounds ?
 (1) Elephants (2) Bats
 (3) Dogs (4) None of these
20. A house plant is wilting, however it is still green. Which vital resource is most likely lacking ?
 (1) Plant food (2) Sunlight
 (3) Water (4) None of these

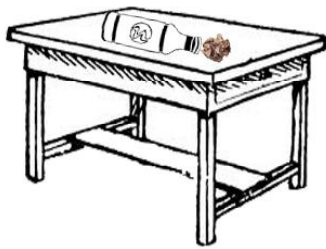
21.



Take some water in an empty soda can and keep it on the burner. When the water boils, remove the can from the heat and quickly put it in a container of ice water. What will be your observation ?

- (1) The can will collapse
- (2) The can will explode
- (3) No change will happen
- (4) None of these

22.



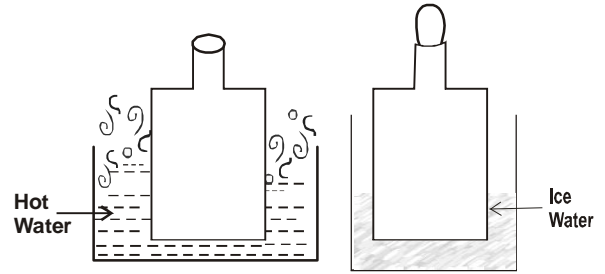
Take an empty water bottle and lay it horizontally on a table. Roll a piece of paper into a small ball about half the size of the opening and blow the ball into the bottle. What is your observation ?

- (1) The paper ball will enter the water bottle
 - (2) The paper ball will be pushed away from the water bottle
 - (3) The paper ball will remain stationary.
 - (4) None of these
23. Blow up two balloons and attach a piece of string to each. Hold one balloon by the string in each hand and position the balloons so that they are at your

nose level. Blow hard into the space between the balloons. What will happen to the balloons ?

- (1) The balloons will come closer.
- (2) The balloons will move apart.
- (3) Nothing will happen
- (4) None of these

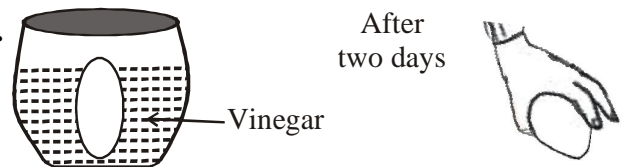
24.



Take a glass bottle and put it in a bowl of hot water for about 5 minutes. Move the bottle to a bowl of ice water and wet an egg and place it in such a way that its pointed side touches the bottle opening. As the air inside the bottle cools, what will happen to the egg ?

- (1) The egg will break
- (2) The egg will slowly move into the bottle
- (3) No change will occur to the position of the egg
- (4) None of these

25.



Put a raw egg into a bowl and cover it completely with vinegar. After two days drain off the vinegar and touch the egg without breaking the membrane. What will you feel when you touch the egg ?

- (1) It will be very hard
- (2) It will feel rubbery
- (3) It will stick to our fingers
- (4) None of these



END OF THE EXAM