



# EDUHEAL FOUNDATION

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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	<b>BIFO</b> BSE INTERNATIONAL FINANCE OLYMPIAD	<b>NIPO</b> NATIONAL IIT-PMT 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 Art, Cricket, Cyber, NIPO 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.

\* # See prospectus/website for details

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 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.
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.**

**NATIONAL  
BIOTECHNOLOGY  
OLYMPIAD**

**N B T O**

**5**  
Class

**A1**  
Paper  
Code

**L E V E L - 1**

## GENERAL KNOWLEDGE

**1. Science differs from art and religion because it**

- (1) describes the human experience.
- (2) discovers and records natural phenomena.
- (3) describes the source, purpose, and meaning of everything.
- (4) none of these

**2. The Indian Space Research Organization is at**

- (1) Bangalore
- (2) Delhi
- (3) Trivandrum
- (4) None of these

**3. Which of the following does not occur during a cyclone?**

- (1) Heavy Rain
- (2) Earth Tremors
- (3) Fire
- (4) None of these

**4. Weight-lifters are generally required to make more muscles and body mass. For this purpose, they need to take a diet which is rich in**

- (1) Carbohydrates
- (2) Fats
- (3) Proteins
- (4) None of these

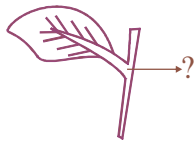
**5. The normal body temperature of human being is:**

- (1) 96.4 °F
- (2) 97.4 °F
- (3) 98.4 °F
- (4) None of these

6. The process that shows how the plants grow, live and die is called \_\_\_\_\_ .

- (1) life cycle
- (2) water cycle
- (3) carbon cycle
- (4) none of these

7. The part which attaches leaf to the stem is \_\_\_\_\_ .



- (1) Vein
- (2) Lamina
- (3) Petiole
- (4) None of these

8. Find the reptile which changes its colour.

- (1) Snake
- (2) Chameleon
- (3) Crocodile
- (4) None of these

9. Which group of vertebrates comprises the highest number of endangered species?

- (1) Mammals
- (2) Fishes
- (3) Reptiles
- (4) None of these

10. Identify non flowering plants:



- (1) [Image 1]
- (2) [Image 2]
- (3) [Image 3]
- (4) None of these



11. The animals which fly in the sky are classified as \_\_\_\_\_ .

- (1) Aves
- (2) Arboreal
- (3) Reptilia
- (4) None of these

12. Which Vitamin is destroyed by heat?

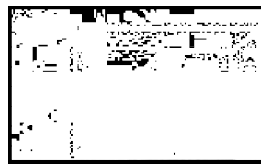
- (1) Vitamin A
- (2) Vitamin B
- (3) Vitamin C
- (4) None of these

13. What is the best way to keep teeth healthy?

- (1) Eating food containing vitamin B
- (2) Brushing the teeth regularly

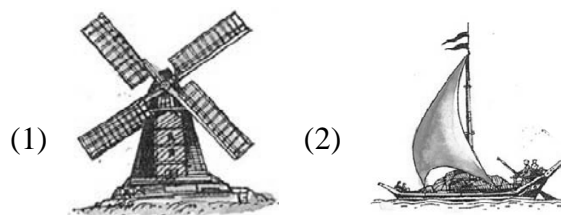
- (3) Eating soft food
- (4) None of these

14. This experiment shows that

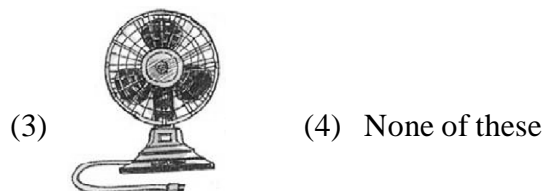


- (1) Air has weight
- (2) Air is visible
- (3) Air occupies space
- (4) None of these

15. \_\_\_\_\_ is used to generate power and provide irrigation.



- (1) [Image 1]
- (2) [Image 2]



- (3) [Image 3]
- (4) None of these

16. Do sense organs help us to protect ourselves?

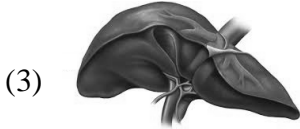
- (1) No, sense organs are just for enjoying beauty
- (2) Yes, when in danger, sense organs help us to understand the situation
- (3) No, only animals use senses for this purpose
- (4) None of these

17.  Dentist pushes inject into gum before pulling

out the teeth to \_\_\_\_\_ .

- (1) Make the gum softer
- (2) Inhibit the activity of sensory nerves so that you don't feel pain
- (3) Melt the root of tooth
- (4) None of these

18. Which is the largest internal organ in the human body?



(4) None of these

19. Which gas out of the following is found highest by volume in air?

- (1) Nitrogen (2) Oxygen  
(3) Ozone (4) None of these

20. Which of the following is biodegradable?

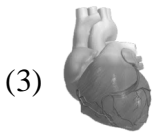
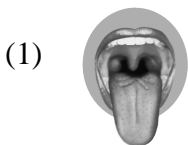
- (1) D.D.T (2) Paper  
(3) Plastic (4) None of these

### INTERACTIVE SECTION

21. In which Vitamin would your body be most deficient if you did not eat fresh fruits and green vegetables?

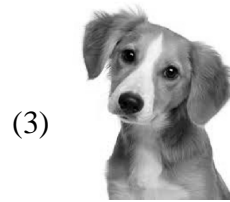
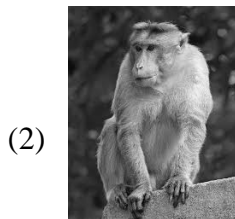
- (1) Vitamin A (2) Vitamin B  
(3) Vitamin C (4) None of these

22. Which is the fastest healing part of our body?



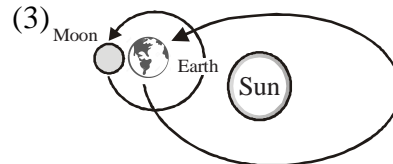
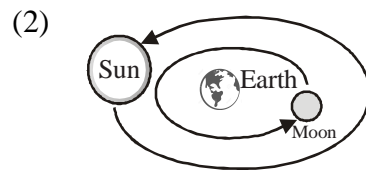
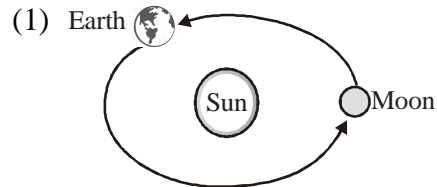
(4) None of these

23. The animal that is used in rescue operations by the police.



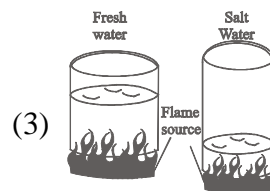
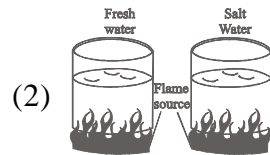
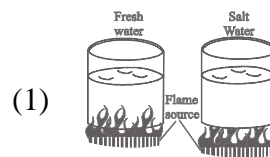
(4) none of these

24. Which of these best shows that the Earth revolves around the sun as the moon revolves around the Earth?



(4) None of these

25. Which is the fairest way to find out if salt water boils faster than fresh water?



(4) None of these



END OF THE EXAM