

# EDUHEAL FOUNDATION

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

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IN ENGLISH / MATHS / SCIENCE / BIOTECH / COMPUTER / G.K. / ARTS / CRICKET / FINANCE & 300 REGIONAL COORDINATORS.

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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, 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.**

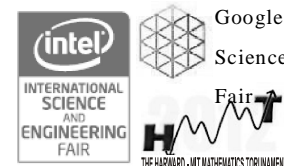
**EHF**  
NATIONAL  
BIOTECHNOLOGY  
OLYMPIAD

**N B T O**

**4**  
Class

**A1**  
Paper  
Code

**L E V E L - 1**



## GENERAL KNOWLEDGE

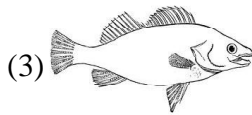
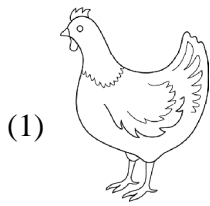
- Which of the following are called as "ocean lungs"?  
(1) Algae (2) Fish  
(3) Dolphin (4) None of these
- Tears are produced in our eyes while cutting:  
(1) Apples (2) Mangoes  
(3) Onions (4) None of these
- The leaves of which plant will droop while touching them:  
(1) Tulsi (2) Touch-me-not  
(3) Marigold (4) None of these

- The chemicals added to plants to help them grow are called:  
(1) Acids (2) Fuels  
(3) Fertilizers (4) None of these
- Botanically pumpkins and avocados are:  
(1) Fruits (2) Vegetables  
(3) Flowers (4) None of these

## EVS

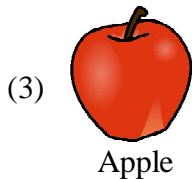
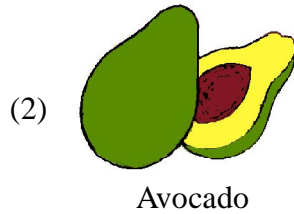
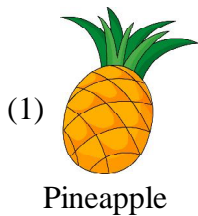
- The traditional biotechnology technique where you are using living fungus to make bread fluffy is:  
(1) Fermentation (2) Sedimentation  
(3) Pasteurization (4) None of these

7. Which of the following lays thousands of eggs at a time?



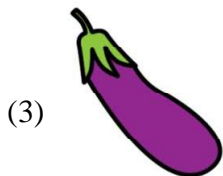
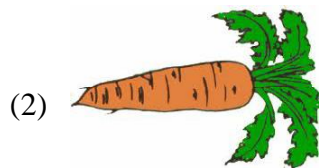
(4) None of these

8. Which fruit has the highest calorific value?



(4) None of these

9. Which of the following contains a mild antibiotic that fights infection and soothes burns?



(4) None of these

10. \_\_\_\_\_ gives shape and support to the body.

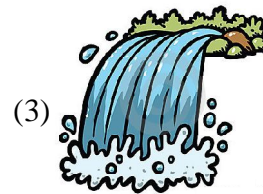
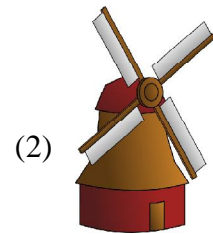
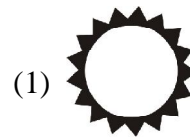
- (1) Circulatory system      (2) Skeletal system  
(3) Excretory system      (4) None of these

11. Which gas is necessary for burning?

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



12. Which of the following generates hydroelectric energy?



(4) None of these

13. Peanuts are:

- (1) Nuts      (2) Legumes  
(3) Fruits      (4) None of these

14. Tall buildings found in cities are called:

- (1) Bungalow      (2) Tent  
(3) Skyscrapers      (4) None of these

15. Cholera is spread through contaminated:

- (1) Water      (2) Air  
(3) Food      (4) None of these

16. Which of the following is the name of a vaccine?

- (1) ABC      (2) BCG  
(3) DDT      (4) None of these

17. We can prevent food items from getting spoilt by putting them in refrigerator because:

- (1) Refrigerator have tight doors.  
(2) Bacteria needs very hot temperature to grow.  
(3) Bacteria are not able to grow in cold temperature.  
(4) None of these

18. The study of aquatic life comes under :

- (1) Green biotechnology
- (2) Blue biotechnology
- (3) Red biotechnology
- (4) None of these

19. What is true about vaccines?

- (1) Take vaccines when you need it otherwise it can cause you disease.
- (2) All children should get all necessary vaccination.
- (3) One time vaccination guarantee that you won't get the disease again.
- (4) None of these.

20. Which of the following material can enrich the soil with nutrients?

- (1) Dead and decayed plant material.
- (2) Cow dung.
- (3) Both (1) and (2)
- (4) None of these

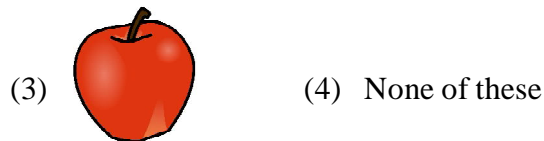
### INTERACTIVE SECTION

21. Which flower resembles a dragon?

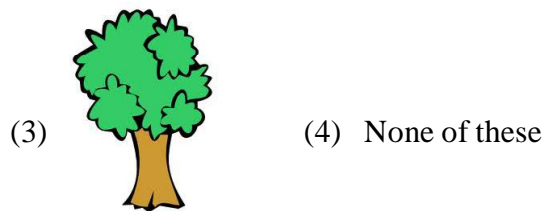
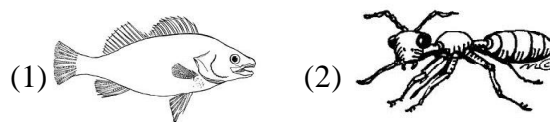


- (1) Sun flower
- (2) Snap dragon
- (3) Lily
- (4) None of these

22. Which is the only fruit that bears seeds on the outside?



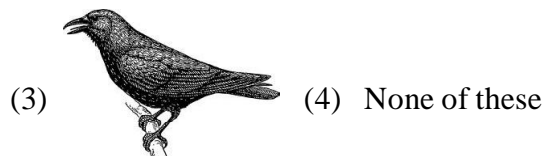
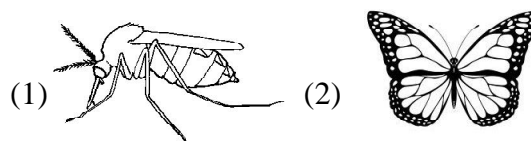
23. Which are the longest living organisms on earth?



24. 'Cod liver oil' is rich in:

- (1) Vitamin K
- (2) Vitamin D
- (3) Vitamin A
- (4) None of these

25. Malaria and dengue are caused by:



END OF THE EXAM