



EDUHEAL FOUNDATION

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

• 5 LAKH + STUDENTS • 50,000 TEACHERS AND HAVING 500 RESOURCE PERSONS

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

WEBSITE : WWW.EDUHEALFOUNDATION.ORG • E-MAIL : INFO@EDUHEALFOUNDATION.ORG

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	NIPO NATIONAL IIT-PMT OLYMPIAD
---	---	---	--	---	--	--	---

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

3
Class

A1
Paper
Code

L E V E L - 1

GENERAL KNOWLEDGE

1. The National Tree of India is:



(4) None of these

2. Where do we find  ?

- (1) River (2) Desert
(3) Mountain (4) None of these

3. Which is not a means of mass communication?

- (1) Newspaper (2) Radio
(3) Telephone (4) None of these




4. Plants prepare their food by a process called

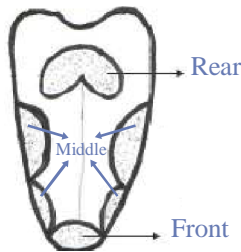
- (1) Respiration (2) Photosynthesis
(3) Absorption (4) None of these

5. Which bird can mimic the sounds of other animals?

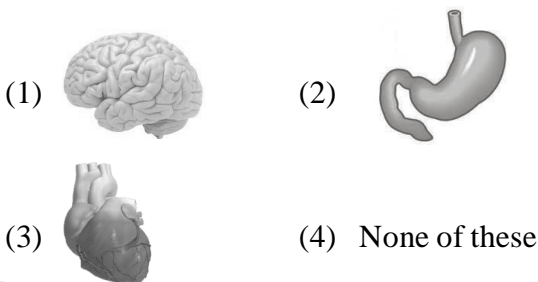
- (1) Humming bird (2) Cuckoo
(3) Lyrebird (4) None of these

Who am I? (Q6 and Q7)

6. I am a flat and green part of the plant that cooks food for the whole plant.
 (1) Leaf (2) Stem
 (3) Fruit (4) None of these
7. I am a colourful part of the plant and later I turn into a fruit.
 (1) Stem (2) Leaf
 (3) Flower (4) None of these
8. Because it eats plants and animals, a bear is a(n) _____.
 (1) Herbivore (2) Predator
 (3) Omnivore (4) None of these
9. What kind of beak does a woodpecker have?
 (1)  (2) 
 (3)  (4) None of these
10. Sanjay has a sugar cube in his mouth. In which part of his tongue, will the cube be sweetest?



- (1) Front (2) Middle
 (3) Rear (4) None of these
11. Which of the following organ is made up of muscles and pumps blood to all the parts of the body?



12. Which of the following are dry fruits?



- (1) (2)
 (3) Both (1) and (2) (4) None of these
13. Which of the following is not an edible oil?
 (1) Mustard oil (2) Coconut oil
 (3) Castor oil (4) None of these
14. Which disease spreads through water?
 (1) Malaria (2) Cholera
 (3) Dengue (4) None of these
15. It has very little water, few plants and animals can survive here. What is it?
 (1) Mountain (2) Ocean
 (3) Desert (4) None of these



16. _____ spins a-
 (1) Web (2) Cocoon
 (3) Bubble (4) None of these

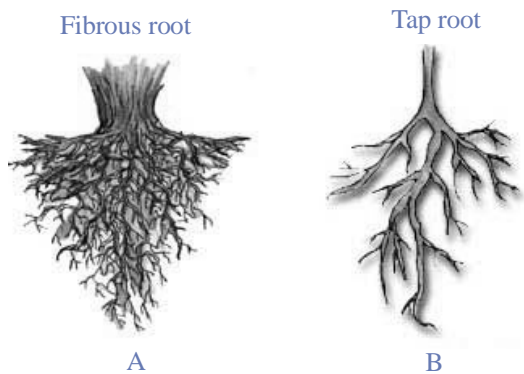
17. To kill germs in household water—
 (1) Water should be boiled
 (2) Chlorine is added to water
 (3) Both (1) and (2)
 (4) None of these
18. You can see brown coloured spots on bread when it is kept for 2-3 days in
 (1) Sealed container
 (2) Refrigerator
 (3) Dark and moist place
 (4) None of these
19. The Sun is a giant ball of _____.
 (1) Hot gas
 (2) Cold gas
 (3) Dust
 (4) None of these

20. How many lungs do we have?

- (1) Three
- (2) One
- (3) Two
- (4) None of these

INTERACTIVE SECTION

21. Plant A has a fibrous root-few roots of this plant got damaged, but the plant A survived. Plant B has the tap root and the main root of plant B got damaged. Will the plant B survive?



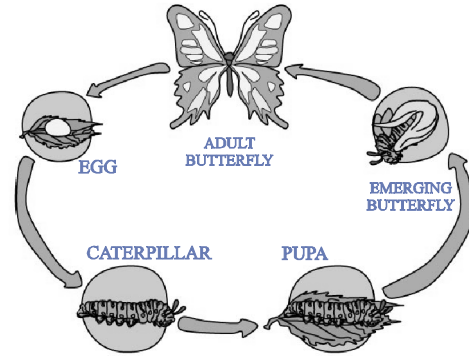
- (1) Yes, it will survive
- (2) No, it cannot survive
- (3) Cannot say
- (4) None of these

22. Animals use different parts of their bodies to move around. Which of the following is **not** completely matched to their body parts for movement?

Animal	legs	wings	fins	body	flippers
snake				✓	
penguin		✓			
cheetah	✓				
dolphin			✓		✓

- (1) Snake
- (2) Penguin
- (3) Cheetah
- (4) None of these

23. Which stage of the butterfly life cycle is the last stage?

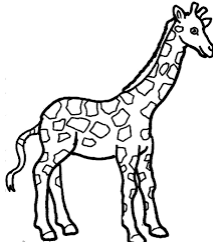

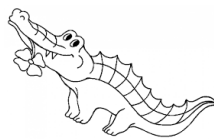
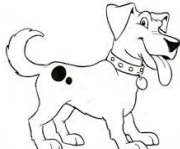


- (1) Adult
- (2) Caterpillar
- (3) Pupa
- (4) None of these

24. When I recycle, it means I'm:

- (1) Throwing trash everywhere.
- (2) Not throwing things away.
- (3) I'm taking old or useless things to make new and useful things.
- (4) None of these

25. Which of the following is a correct match:

Column A	Column B
(1) 	Domestic animal
(2) 	Endangered animal
(3) 	Eat only plants
(4) 	Eat the flesh of dead animals



END OF THE EXAM