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

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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	BIFO BSE INTERNATIONAL FINANCE OLYMPIAD	NIPO 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.**

E H F
NATIONAL
INTERACTIVE
SCIENCE
OLYMPIAD

N I S O

5
Class

A1
Paper
Code

L E V E L - 1

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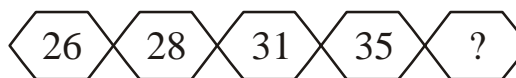
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THE HARVARD-WIT MATHEMATICS TOURNAMENT

ORACLE ThinkQuest
EDUCATION FOUNDATION

GENERAL IQ

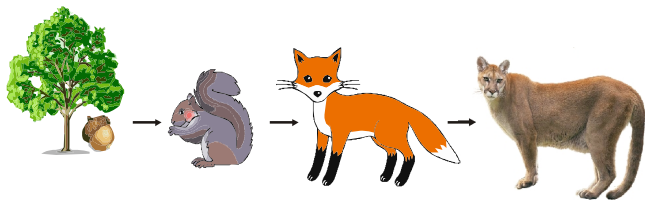
- Speed of a boat in still water is 9 km/hr. It goes 12 km downstream and comes back to the starting point in three hours. What is the speed of water in the stream?
(1) 4 km/hr (2) 3 km/hr
(3) 6 km/hr (4) None of these
- In a class of 100 students, 50 students passed in Mathematics and 70 passed in English, 5 students passed failed in both, Maths and English. How many students passed in both the subjects?
(1) 25 (2) 30
(3) 95 (4) None of these

- Which number is missing from the hexagon?



- (1) 40 (2) 39
(3) 41 (4) None of these
- If a clock shows 3'o clock, what is the measure of the angle between the hands?
(1) 45° (2) 90°
(3) 60° (4) None of these
 - Which number should come next in the series?
1, 3, 6, 10, 15, ____?
(1) 21 (2) 24
(3) 11 (4) None of these

6. Look at the given diagram and answer the given questions:



Which organism is the producer in this food chain?

- (1) Cougar (2) Oak tree
 (3) Squirrel (4) None of these
7. The hot interior of the earth is another important source of energy, this kind of energy is called _____.
- (1) Solar energy
 (2) Atomic energy
 (3) Geothermal energy
 (4) None of these
8. Even the dead plants are useful for us. Which is the product that dead plants give us?
- (1) Manure
 (2) Coal & petroleum
 (3) Both (1) & (2)
 (4) None of these
9. In which way are evaporation and condensation similar?
- (1) Both cause decrease in air temperature.
 (2) Both are caused by changes in heat energy.
 (3) Both are caused by the warming of the atmosphere.
 (4) None of these
10. What is pink and helps hold our teeth in place in our mouth?
- (1) Gums (2) Tongue
 (3) Cheeks (4) None of these

11. The pulp contains _____ which sends message to brain that your ice-cream is too cold.
- (1) Blood vessels
 (2) Nerves
 (3) Receptors
 (4) None of these
12. Only birds and mammals display a great sense of _____ care.
- (1) Parental
 (2) Enemy type of
 (3) Cruel
 (4) None of these
13. Cooked or uncooked food can be stored to be used later, this kind of storing is called _____.
- (1) Recycling
 (2) Preservation
 (3) Wastage
 (4) None of these
14. Which amongst the following are techniques of food preservation?
- (1) Salting
 (2) Sweetening
 (3) Canning
 (4) All of these
15. Which one of these is a means of mass communication?
- (1) Mobile phones
 (2) Telephone
 (3) Radio
 (4) None of these
16. If a person in Delhi calls another person in Delhi, then the telephone call is
- (1) STD
 (2) ISD
 (3) Local
 (4) None of these

17. This sign indicates



- (1) Dangerous goods vehicles may use this road
- (2) Steep hill ahead – slow or gear down
- (3) A truck route ahead
- (4) None of these

18. This sign indicates



- (1) A very sharp curve to the left
- (2) Detour ahead
- (3) Left turns are permitted on a red light
- (4) None of these

19. This sign indicates



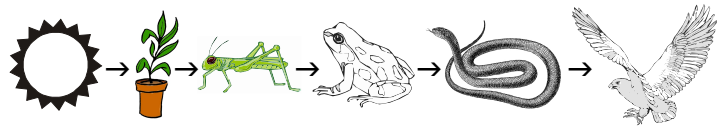
- (1) Pedestrian cross walk
- (2) Turn right
- (3) Detour ahead
- (4) None of these

20. Doctors advise us not to keep the mobile in the pocket on the left side of the shirt. Why?

- (1) As the mobile might fall.
- (2) Rays emitted by them can have harmful effects on our heart.
- (3) Rays emitted by them can make our heart stronger.
- (4) None of these

INTERACTIVE SECTION

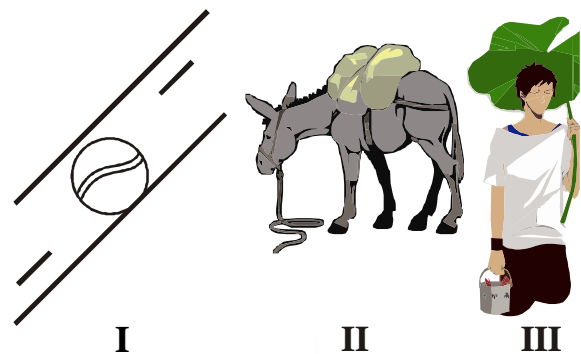
Look at the diagram and answer the following:



21. If the number of frogs decreases, which population will most likely increase?

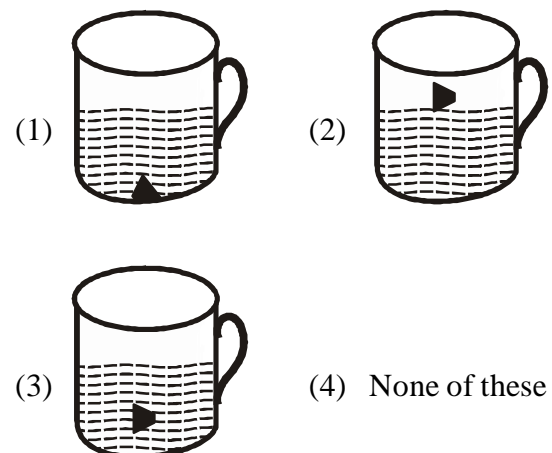
- (1) Crickets
- (2) Hawks
- (3) Snakes
- (4) None of these

22. Which picture represents the frictional force?

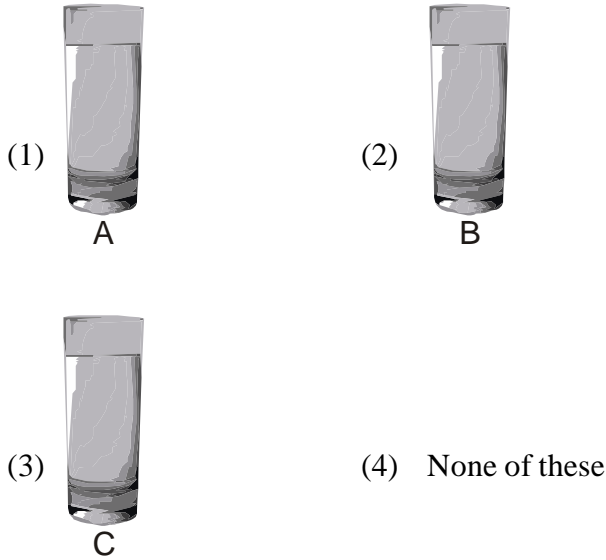


- (1) I
- (2) II
- (3) I and II
- (4) None of these

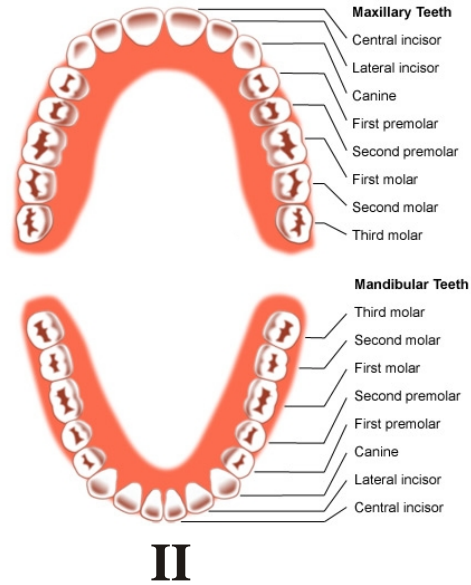
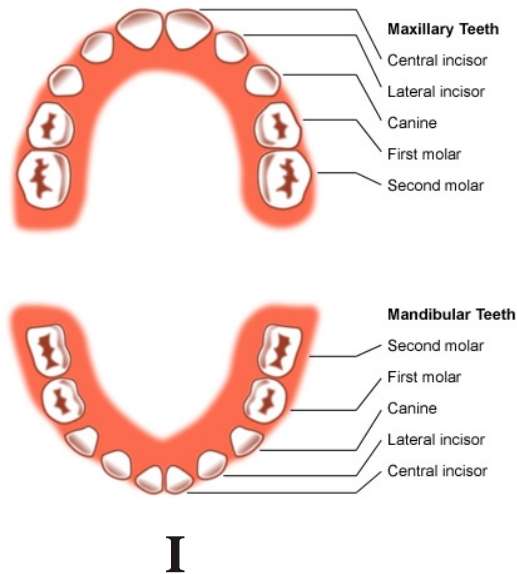
23. Which of the following will you observe if you place a cork in a cup of water?



24. Take equal amount of water in each glass, add two teaspoon of salt, sugar, sand and chalk powder to glasses, A, B, C and D respectively. Stir them well. Keep the glasses undisturbed for ten minutes. In which glass can you see the solid?



25. Study the picture and answer the question



Which diagram represents the set of a permanent teeth?

- (1) Only I
- (2) Only II
- (3) Both I & II
- (4) None of these



END OF THE EXAM