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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
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NATIONAL BIOTECHNOLOGY OLYMPIAD

N B T O



LEVEL - 1



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.

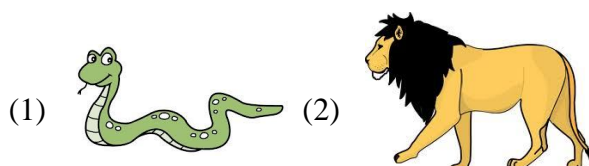
GENERAL KNOWLEDGE

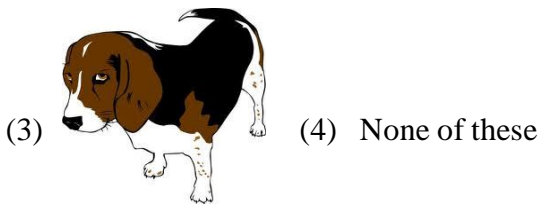
- The biochemical cycle which describes the movement of oxygen within the atmosphere is
 - Hydrologic cycle
 - Oxygen cycle
 - Water cycle
 - None of these
- Recycling one aluminium can save enough electricity to run a TV for
 - 1 hour
 - 2 hour
 - 3 hour
 - None of these
- India's first national park where tigers are protected
 - Corbett national park
 - Kaziranga national park
 - Gir national park
 - None of these

- Which of the following techniques in Biotechnology can produce disease free high quality plants ?
 - Cloning
 - Plant tissue culture
 - ELISA
 - None of these
- Ozone layer protects the earth by absorbing which rays of the sun?
 - Ultraviolet rays
 - Infrared rays
 - X-rays
 - None of these

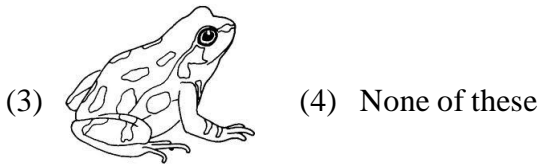
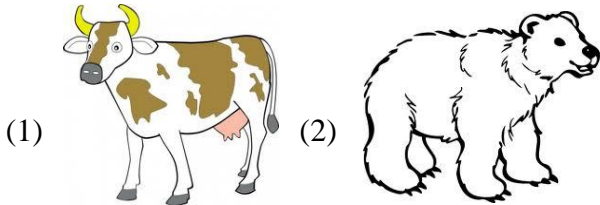
EVS

- Moulting is found in

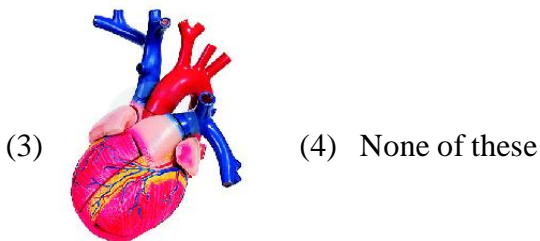
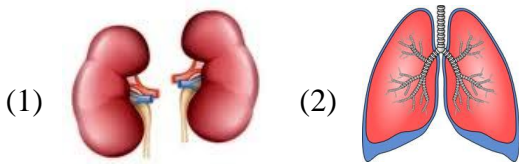




7. Which of the following is a cold blooded animal?



8. Which is a bean shaped organ?



9. The highest proportion of gas present in our atmosphere is

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

10. Sunlight is a natural source of

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

11. Which of the following is an energy giving food?

- (1) Rice (2) Fruits
(3) Vegetables (4) None of these

12. Anaemia is caused due to

- (1) Lack of iodine (2) Lack of iron
(3) Lack of oxygen (4) None of these.

13. Which of the following are natural fibres?

- (1) Cotton, Wool, Silk, Jute
(2) Cotton, Wool, Teryline, Teflon
(3) Silk, Jute, Polyester, Nylon
(4) None of these

14. A lion that eats a zebra that ate grass is a-

- (1) Primary producer
(2) Primary consumer
(3) Secondary consumer
(4) Quaternary consumer

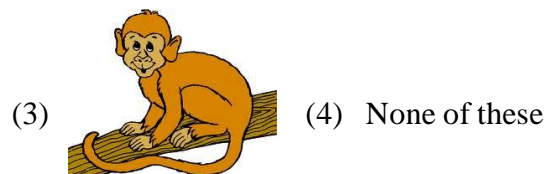
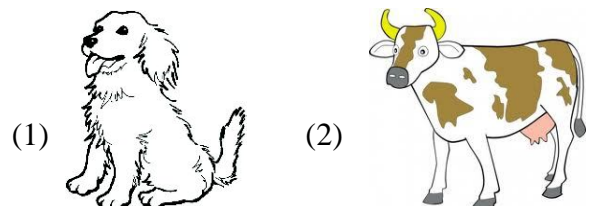
15. The energy generated from water is known as

- (1) Irrigation energy
(2) Thermal energy
(3) Hydroelectric energy
(4) None of these

16. Eye, Nose and Ears are

- (1) External organs (2) Internal organs
(3) Both 1 and 2 (4) None of these

17. Which of the following is an arboreal animal?



18. Which of the following is a mobile house ?

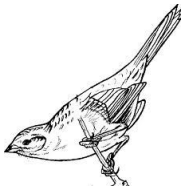

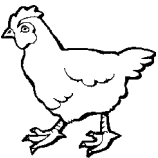
- (1) Caravan (2) Igloo
(3) Kuchha (4) None of these

19. Match the following

- A Pepper (i) Beverage
B Almond (ii) Cereal
C Coffee (iii) Spices
D Moong (iv) Dry fruit
E Wheat (v) Pulses

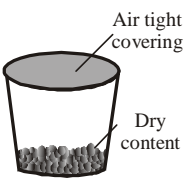
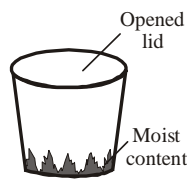
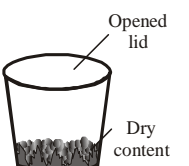
- (1) A-(iv), B-(iii), C-(v), D-(i), E-(ii)
(2) A-(v), B-(i), C-(iv), D-(ii), E-(iii)
(3) A-(iii), B-(iv), C-(i), D-(v), E-(ii)
(4) None of these

20. Which bird makes its nest on the top of high trees?

- (1)  (2) 
(3)  (4) None of these

ETG INTERACTIVE SECTION

21. In which beaker the chances of growing bacteria is highest?

- (1)  (2) 
(3)  (4) None of these

22.



We adopt which technique in biotechnology to produce new varieties of sheep?

- (1) Cloning (2) Genetic engineering
(3) Tissue culture (4) None of these.

23.





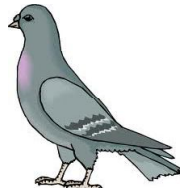
What was the name of the first animal produced by cloning?

- (1) Dolly (2) Julie
(3) Lila (4) None of these

24. Which is correctly arranged?

- (1) DNA $\xrightarrow{\text{in}}$ Cell $\xrightarrow{\text{in}}$ Nucleus $\xrightarrow{\text{in}}$ Body
(2) DNA $\xrightarrow{\text{in}}$ Chromosomes $\xrightarrow{\text{in}}$ Nucleus $\xrightarrow{\text{in}}$ Cell $\xrightarrow{\text{in}}$ Body
(3) Nucleus $\xrightarrow{\text{in}}$ DNA $\xrightarrow{\text{in}}$ Chromosomes $\xrightarrow{\text{in}}$ Body $\xrightarrow{\text{in}}$ Cell
(4) None of these

25. Which of the following has hollow bones?

- (1)  (2) 
(3)  (4) None of these



END OF THE EXAM