



EHF

LEARNING FOR LIFE

EDUHEAL FOUNDATION

CLASS 7

LEVEL - 1

Set A1

EHF OLYMPIADS

- 4000 schools • 6 lakh students
- 10 olympiads • Global outreach



EHF

NATIONAL BIOTECHNOLOGY OLYMPIAD

Name :

Roll No :

Class :

School :



NATIONAL BIOTECHNOLOGY OLYMPIAD



NATIONAL MATHS OLYMPIAD



NATIONAL SCIENCE OLYMPIAD



INTERNATIONAL CYBER OLYMPIAD



INTERNATIONAL ENGLISH OLYMPIAD



INTERNATIONAL GENERAL KNOWLEDGE OLYMPIAD



BSE international finance olympiad (BIFO)



NATIONAL IIT-PMT OLYMPIAD (NIPO)

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 and Cricket.

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

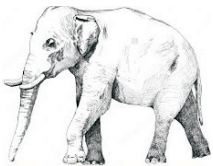





Instructions for the Candidate

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.



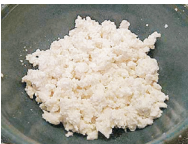
WEBSITE : WWW.EDUHEALFOUNDATION.ORG
E-MAIL : INFO@EDUHEALFOUNDATION.ORG

ROUGH WORK

GENERAL KNOWLEDGE

- Which is the largest living reptile in the world?
(1) Gharial (2) Marsh Crocodile
(3) Saltwater Crocodile (4) None of these
- How many teeth does a turtle have in its mouth?
(1) 30 (2) 50
(3) 0 (4) None of these
- An adult male Garial has a bulbous growth on the tip of its snout. What is it called?
(1) Ghara (2) Gharo
(3) Ghora (4) None of these
- Our major foods, fibres, spices, fruits and beverage crops are
(1) flowering plants
(2) gymnosperms plants
(3) pteridophytes
(4) none of these
- Which of the following animals was not native to India?
(1)  (2) 
(3)  (4) None of these
- The equator passes through which of the following continents?
(1) Africa (2) Australia
(3) Europe (4) None of these
- Which of the following crops has the highest photosynthetic activity?
(1)  (2) 
(3)  (4) None of these
- Which one of the following areas of India produces largest amount of cotton?
(1) North Western India and Gangetic West Bengal
(2) Northern and Western India
(3) Western and Southern India
(4) None of these
- Motion of rocket works on principle of
(1) Newton 1st Law (2) Newton 2nd Law
(3) Newton 3rd Law (4) None of these
- Starch is a
(1) Monosaccharide (2) Disaccharide
(3) Polysaccharide (4) None of these

LIFE SCIENCE

- Which of the following sources of protein is different from others?
(1)  (2) 
(3)  (4) None of these
- 'Combine' is used in which of the following?
(1) Threshing (2) Winnowing
(3) Sieving (4) None of these
- While doing an activity in class, the teacher asked Sujata to handover a translucent material. Which among the following materials will Sujata pick and give her teacher?
(1) Glass tumbler (2) Mirror
(3) Muslin cloth (4) None of these

14. Which is/are incorrect?

- I. The jute plant is normally harvested when it is at flowering stage.
 - II. Cotton plants are usually grown at places having black soil and cool climate.
- (1) I Only (2) II Only
(3) I and II (4) None of these

15. Which are correct?

- I. Fats give much more energy as compared to the same amount of carbohydrates.
 - II. Proteins are needed for the growth and repair of our body.
 - III. Roughage helps our body get rid of undigested food.
- (1) I and II Only (2) II and III Only
(3) I, II and III (4) None of these

16. In the sea, plants and animals are surrounded by _____ water.

- (1) fresh (2) saline
(3) marshy (4) none of these

17. The habitats of the plants and animals that live on land are called _____ habitat.

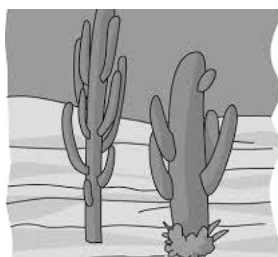
- (1) aquatic
(2) mountain
(3) terrestrial
(4) none of these

18. Leaves transpire through _____

- (1) stomata
(2) xylem
(3) bundle sheath
(4) none of these

19. Cactus has modified _____ to store food and water.

- (1) leaves
(2) root
(3) stem
(4) none of these

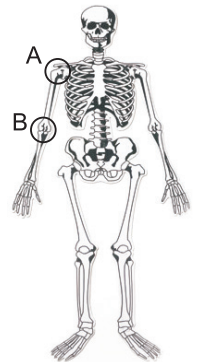


20. The hollow space in the middle of bones is filled with

- (1) air (2) blood
(3) bone marrow (4) none of these

21. Identify the joints A and B in the given diagram:

- (1) A = Hinge joint
 B = Ball-and-socket joint
(2) A = Ball-and-socket joint
 B = Hinge joint
(3) A = Fixed joint
 B = Hinge joint
(4) None of these



22. Hot water is bad for fish eggs to

- (1) lay (2) mature
(3) hatch (4) none of these

23. Nitrogen is used in _____ synthesis.

- (1) fat (2) carbohydrate
(3) protein (4) none of these

24. How many weeks are generally required to get the vermicompost ready?

- (1) Three to four weeks
(2) One week
(3) Two weeks
(4) None of these

25. Kefir is a fermented _____ product.

- (1) milk (2) vegetable
(3) meat (4) none of these

26. Who discovered Penicillin?

- (1) James Watson
(2) Alexander Fleming
(3) Charles Darwin
(4) None of these

27. The double-helix structure of DNA was discovered by

- (1) James D. Watson
(2) Gregor Mendel
(3) Robert Hooke
(4) None of these

28. Which of the following is biodegradable?

(1)



(2)



(3)



(4) None of these

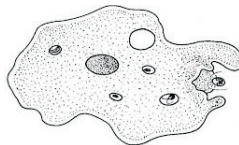
29. Bioplastic is a form of plastic made from

- (1) petroleum
- (2) corn starch
- (3) both (1) and (2)
- (4) none of these



30. An amoeba ingests food with the help of

- (1) cilia
- (2) tentacles
- (3) pseudopodia
- (4) none of these



31. Grass is rich in _____ a special kind of carbohydrate which can only be digested by ruminants.

- (1) glucose
- (2) cellulose
- (3) sucrose
- (4) none of these

32. Lactic acid is found in

- (1) curd
- (2) soap
- (3) apple
- (4) none of these

33. Evaporation of water takes place at

- (1) night
- (2) day
- (3) all times
- (4) none of these

34. Which one of these is not a vegetative part of a plant?

- (1) Root
- (2) Stem

(3) Flower

(4) None of these

35. In pitcher plant, _____ are modified for trapping insects.

- (1) leaves
- (2) flowers
- (3) stems
- (4) none of these

36. Which is the right time to cut jute plants?

- (1) Flowering stage
- (2) Mature stage
- (3) Before flowering stage
- (4) None of these

37. Which of the following is a irreversible change?

- (1) Melting of ice into water
- (2) Bursting of cracker
- (3) Hot milk to cold milk
- (4) None of these

38. Respiration in plants takes place at/in

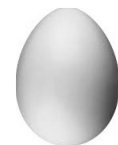
- (1) evening
- (2) night
- (3) day time
- (4) none of these

39. The most important source of calcium and phosphorus is

(1)



(2)



(3)



(4) None of these

40. Function of Vitamin K is

- (1) respiration
- (2) regulation of calcium and phosphate
- (3) blood clotting
- (4) none of these

INTERACTIVE SECTION

41. Money plant can climb on trees by help of its

- (1) clasping roots
- (2) leaves
- (3) stem
- (4) none of these

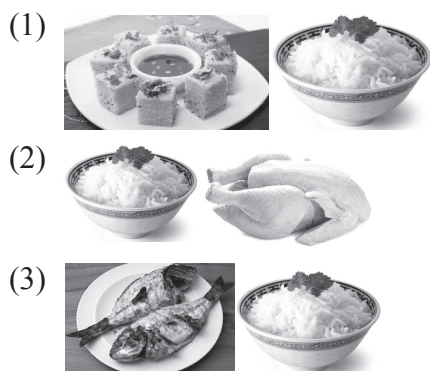


42. Banyan plant possesses



- (1) supporting roots
- (2) stem tendrils
- (3) modified leaves
- (4) none of these

43. In Bihar, West Bengal and Odisha, people mainly eat

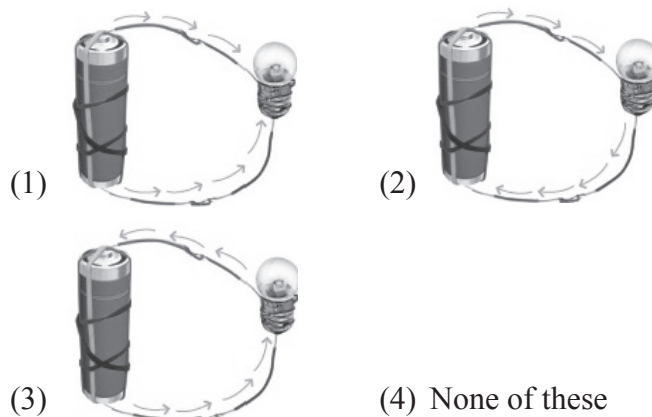


- (4) None of these

44. Motion of a butterfly can be described as _____

- (1) random motion
- (2) translatory motion
- (3) circular motion
- (4) none of these

45. Choose from the options (1), (2), and (3) given in figure which shows the correct direction of current.



46. What is happening in the given image?



- (1) Solar eclipse
- (2) Lunar eclipse
- (3) Shadow
- (4) None of these

47. Usually the North Pole of a magnetic needle is painted _____.

- (1) red
- (2) blue
- (3) green
- (4) none of these

48. Shadows are formed when light falls on an _____ object.

- (1) transparent
- (2) opaque
- (3) translucent
- (4) none of these

49. Pick the option which gives the names of a tree and an animal, respectively from the following:

- (1) Chinkara, Blue bull
- (2) Semal, Hornbill
- (3) Neem, Palash
- (4) None of these

50. Which of the following set of substances contain acids?

- (1) Curd, Vinegar
- (2) Vinegar, Soap
- (3) Grapes, Lime water
- (4) None of these



END OF THE EXAM