



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 INTERACTIVE
SCIENCE OLYMPIAD**

Name :

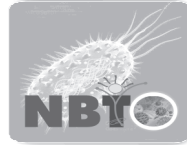
Roll No :

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


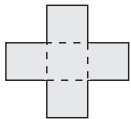
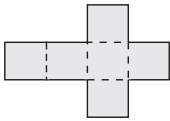
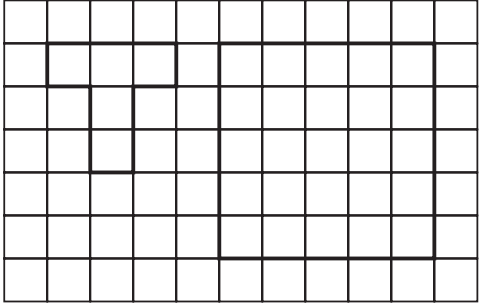
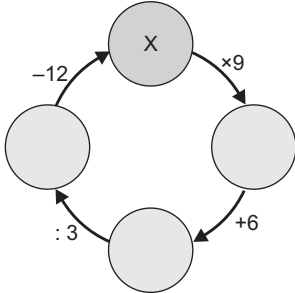
Instructions for the Candidate

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 IQ

- The first IQ test was developed by a French scientist,
 - Alfred Binet
 - Albert Einstein
 - Newton
 - None of these
- Complete the sequence 49, 62, 70, 77, 91,
 - 99
 - 100
 - 101
 - none of these
- What will be the next letter in the sequence
w, q, l, h, e,
 - a
 - b
 - c
 - none of these
- Which figure can form a cube when folded on the dotted lines without overlapping?
 - 
 - 
 - 
 - None of these
- If 300 people occupy $\frac{5}{7}$ of the seats in a concert hall, how many people would occupy 95 percent of the seats in the hall?
 - 499
 - 399
 - 599
 - none of these
- Anna traveled 3600 km in a car. She had six tyres and changed them such that each tyre was used over the same distance. For how many kilometers was each tyre used?
 - 3600 km
 - 2400 km
 - 4400 km
 - none of these
- How many T_s can be placed inside the square without intersection?
 
 - 6
 - 5
 - 4
 - none of these
- The picture shows four consecutive operations. Find X. (Note that the ratio symbol : is effectively used as a division operation.)
 
 - 5
 - 6
 - 7
 - none of these
- Which gives the largest answer?
 - 5×5
 - 5^2
 - $2 \times 2 \times 2 \times 2 \times 2$
 - none of these
- What is another name for 2D animation?
 - Picture animation
 - Cell animation
 - Dimension animation
 - None of these

GENERAL SCIENCE

- The part of the banana plant used as food is
 - flower
 - stem
 - both (1) and (2)
 - none of these
- Which of the following is a body building food?
 - Proteins
 - Vitamins
 - Fats
 - None of these
- Synthetic fibres are obtained from
 - plants
 - animals
 - petroleum
 - none of these
- Oiled paper is
 - transparent
 - translucent
 - opaque
 - none of these

15. Name the method by which you can separate butter from milk.

- (1) Hand picking (2) Threshing
(3) Centrifugation (4) None of these

16. When an iron ring is heated, it

- (1) expands
(2) contracts
(3) changes its shape and change cannot be reversed
(4) none of these

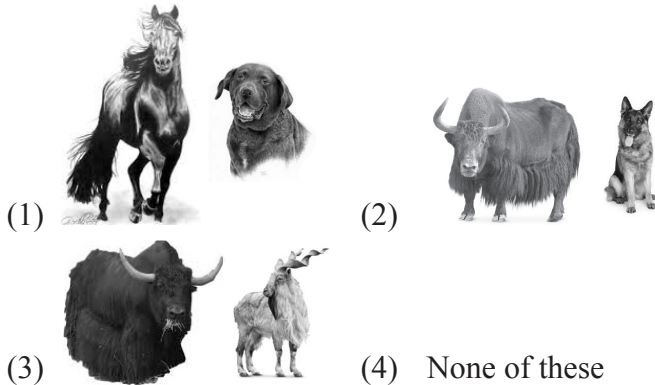
17. Which of the following is an incomplete flower?



18. At birth our body is made up of _____ bones.

- (1) 206 (2) 300
(3) 200 (4) none of these

19. The common animals found on mountains are



20. The movement of earth around the sun is an example of

- (1) Circular motion (2) Periodic motion
(3) Oscillatory motion (4) None of these

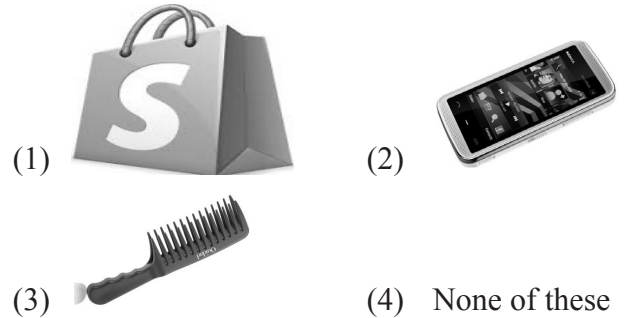
21. Name the dark part of shadow.

- (1) Umbra (2) Penumbra
(3) Numbra (4) None of these

22. Which of the following is not a good conductor of electricity?

- (1) Mercury (2) Copper
(3) Glass (4) None of these

23. Which of the following is spoiled when a powerful magnet is kept near it?



24. The major natural source of water is _____.

- (1) Rain water (2) Ground water
(3) Natural Spring (4) None of these

25. What will happen if the amount of oxygen is increased in the air?

- (1) Substances may not catch fire
(2) Substances may catch fire undesirably
(3) Nothing will change
(4) None of these

26. Earthworms grow in _____ surrounding.

- (1) dry (2) moist
(3) both (1) and (2) (4) none of these

27. Landfill is a/an

- (1) open area (2) low lying open area
(3) high lying open areas (4) none of these

28. Which gas is used as a fuel in rockets?

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

29. Evaporation of water in shade is

- (1) fast (2) faster
(3) slow (4) none of these

30. Which is used to test presence of starch in food?

- (1) Iodine solution (2) Benedict's solution
(3) Both (1) and (2) (4) None of these

31. Which of the following is eaten as root?

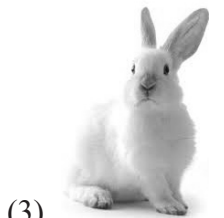
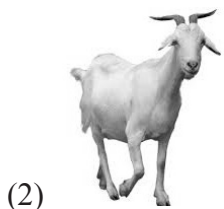


(4) None of these

32. In leaves of grasses and maize,

- (1) midrib is absent
- (2) petiole is absent
- (3) lamina is absent
- (4) none of these

33. Pashmina wool is obtained from



(4) None of these

34. Which is a volatile liquid?

- (1) Water
- (2) Alcohol
- (3) Petrol
- (4) None of these

35. Transport became easy by the discovery of

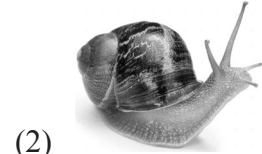


(4) None of these

36. A mixture of sand and water can be separated by

- (1) sedimentation and decantation
- (2) filtration
- (3) both (1) and (2)
- (4) none of these

37. Which of the following organisms does not have both muscles and skeleton for movement?



(4) None of these

38. Which one of the following records the distance travelled by a vehicle?

- (1) Manometer
- (2) Odometer
- (3) Speedometer
- (4) None of these


39. What is the use of concave mirror?

- (1) Used by the ENT Specialists, dentists.
- (2) Used as a rear view mirror in vehicles.
- (3) Used at metro Stations to keep a check.
- (4) None of these.

40. _____ soil is loosely packed with large air spaces.

- (1) Clayey
- (2) Sandy
- (3) Loamy
- (4) None of these

INTERACTIVE SECTION

41. An alga reproduce by
(1) spores
(2) budding
(3) fragmentation
(4) none of these
42. Mirror used for side view in vehicles
(1) Concave Mirrors
(2) Convex Mirrors
(3) Both (1) and (2)
(4) None of these
- 
43. Which of these diseases is not caused by improper disposal of sewage?
(1) Cholera
(2) Heart Attack
(3) Jaundice
(4) None of these
44. Blue litmus paper is dipped in a solution. It remains blue. What is the nature of the solution?
(1) Either basic or neutral in nature
(2) Acidic
(3) Basic
(4) None of these
45. When sludge is digested, a gas produced is
(1) ethane
(2) methane
(3) propane
(4) none of these
46. The unit of gravity
(1) m/s
(2) m/s²
(3) kg/s
(4) none of these
47. How many numbers from 11 to 50 are there which are exactly divisible by 7 but not by 3?
(1) Two
(2) Four
(3) Five
(4) None of these
48. Find the odd one out.
(1) 176 – 168
(2) 214 – 206
(3) 577 – 568
(4) None of these
49. Baking soda turns litmus into
(1) Blue
(2) red
(3) Green
(4) None of these
50. Name the contaminated water disease.
(1) Flu
(2) Malaria
(3) Gastroenteritis
(4) None of these



END OF THE EXAM