



EHF

LEARNING FOR LIFE

EDUHEAL FOUNDATION

CLASS 12

LEVEL - 1

Set A1

EHF OLYMPIADS

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



EHF INTERNATIONAL G.K. 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

1. In which state India's largest nuclear plant located?
(1) Delhi (2) Haryana
(3) Maharastra (4) None of these
2. Name the planet where glass falls as rain.
(1) Venus
(2) Saturn
(3) Blue planet
(4) None of these
3. Name the person, who is famous for making high quality music system, who died recently.
(1) Amar Bose
(2) Amar Jain
(3) Amar Singh
(4) None of these
4. Name the material which can make internet 100 times faster.
(1) Iron
(2) Graphene
(3) Graphite
(4) None of these
5. _____ is a planet located outside our solar system orbiting around a star other than sun.
(1) Exoplanet (2) Endoplanet
(3) Hetroplanet (4) None of these
6. Name the oldest communication technology which has been recently going to extinct.
(1) Telegram (2) Telegraph
(3) Telephone (4) None of these
7. What conditions are required for rusting to take place?
(1) Water and carbon dioxide
(2) Oxygen only
(3) Water and oxygen
(4) None of these
8. What is the longest bone in the human body?
(1) Fibula (2) Ulna
(3) Femur (4) None of these
9. What is the first artificial satellite to orbit Earth?
(1) Sputnik 1 (2) Explorer 1
(3) Vanguard 1 (4) None of these
10. Echiura is the scientific name of
(1) spoon worms
(2) earthworms
(3) tapeworm
(4) none of these
11. Which one of the following is the political party formed by Imran Khan in Pakistan?
(1) Jamaat-e-Islami
(2) Muslim League
(3) Tehreek-e-Insaf
(4) None of these
12. INSAT-2E was launched from
(1) Kourou
(2) Cape Canaveral
(3) Thumba
(4) None of these
13. When was NPCB (National Programme for Control of Blindness) launched in India?
(1) 1996 (2) 1976
(3) 1980 (4) None of these
14. The metabolic function of Vitamin 'D' is to
(1) afford antirachitic activity
(2) prevent the immune system
(3) prevent nightblindness
(4) none of these

15. Sania Mirza became the first Indian women to win which of the following titles?
- (1) Hyderabad Open Singles
 - (2) Dubai Open Singles
 - (3) Paris Indoor Open
 - (4) None of these
16. Mist is caused by
- (1) dry ice
 - (2) ice at low temperature
 - (3) water vapours at low temperature
 - (4) none of these
17. Which of the following is not correctly matched?
- (1) Indian Rare Earths Ltd - Mumbai
 - (2) Uranium Corporation of India - Jaduguda
 - (3) Radio Astronomy Centre - Mysore
 - (4) None of these
18. What does "Gilt-Edged Market" mean?
- (1) Market of auctioned goods
 - (2) Market of smuggled goods
 - (3) Market in Government securities
 - (4) None of these
19. Banaras Hindu University was founded by
- (1) Gopal Krishna Gokhale
 - (2) Surendranath Banerjee
 - (3) Pandit Madan Mohan Malaviya
 - (4) None of these
20. Who invented the Ballpoint Pen?
- (1) Biro Brothers
 - (2) Waterman Brothers
 - (3) Bicc Brothers
 - (4) None of these
21. What J.B. Dunlop invented?
- (1) Pneumatic rubber tyre
 - (2) Automobile wheel rim
 - (3) Rubber boot
 - (4) None of these
22. What is the name of the CalTech seismologist who invented the scale used to measure the magnitude of earthquakes?
- (1) Charles Richter
 - (2) Hiram Walker
 - (3) Giuseppe Mercalli
 - (4) None of these
23. The cause of Lung Cancer may be
- (1) nickel
 - (2) cobalt
 - (3) lead
 - (4) none of these
24. The cause of gradual warming of Earth's atmosphere is
- (1) environmental pollution
 - (2) eruption of volcano
 - (3) greenhouse effect
 - (4) none of these
25. The layer of air, nearest to the surface of Earth, is called
- (1) troposphere
 - (2) stratosphere
 - (3) ionosphere
 - (4) none of these
26. Uranus was discovered by
- (1) T.W. Taumbow
 - (2) William Herschel
 - (3) Halley
 - (4) None of these
27. There is a big gap between Mars and Jupiter. There are many small bodies in this gap, which rotate around the sun. These are called
- (1) meteorite
 - (2) comet
 - (3) planetoids
 - (4) none of these

28. The speed of artificial satellites is adjusted in such a way that they could complete one circle of Earth in
- (1) 24 hours
 - (2) 365 days
 - (3) 23 hours
 - (4) none of these
29. The time taken by light to reach from Sun to Earth is
- (1) 8 minutes
 - (2) 8½ minutes
 - (3) 600 seconds
 - (4) none of these
30. For the formation of soil _____ is necessary.
- (1) air and water
 - (2) microparticles of rocks
 - (3) humus
 - (4) none of these
31. Which produce acid by living on rocks?
- (1) Lichen
 - (2) Protozoa
 - (3) Microorganisms
 - (4) All of these
32. Pewter is an alloy of
- (1) tin, copper and antimony
 - (2) lead, copper and zinc
 - (3) silver, gold and copper
 - (4) none of these
33. The pH value of alkaline soil is
- (1) 6
 - (2) 7
 - (3) more than 7
 - (4) none of these
34. Basal rosette is a
- (1) xerophyte
 - (2) hydrophyte
 - (3) both (1) and (2)
 - (4) none of these
35. Unit of pressure is
- (1) newton
 - (2) pascal
 - (3) kilogram wt
 - (4) none of these
36. Hyder Ali was the ruler of which of the following state?
- (1) Hyderabad
 - (2) Mysore
 - (3) Kochi
 - (4) None of these
37. The policy of Doctrine of Lapse was introduced by
- (1) Lord Dalhousie
 - (2) Lord Wellesley
 - (3) Lord Macaulay
 - (4) None of these
38. Which gas is filled in packet-packed snacks like potato chips?
- (1) Oxygen
 - (2) Neon
 - (3) Nitrogen
 - (4) None of these
39. These are nodules in the roots of some plants, found in them are
- (1) nitrogen fixation bacteria
 - (2) denitrifying bacteria
 - (3) ammoniating bacteria
 - (4) none of these
40. The response of a plant to touch is called
- (1) trigmotropism
 - (2) thermotropism
 - (3) acoustics
 - (4) none of these

INTERACTIVE SECTION

41. Tipu was defeated by the British Forces in the _____ Anglo-Mysore War.
- (1) Second
 - (2) Third
 - (3) Fourth
 - (4) None of these
42. Plants receive their nutrients mainly from
- (1) chlorophyll
 - (2) atmosphere
 - (3) soil
 - (4) none of these
43. Where is Group of Monuments of Hampi?
- (1) Tamil Nadu
 - (2) Karnataka
 - (3) Rajasthan
 - (4) None of these
44. The company lost all its administrative powers
- (1) by the Government of India Act of 1958
 - (2) by the Government of India Act of 1858
 - (3) by the Government of India Act of 1788
 - (4) none of these
45. The liquid used to preserve specimens of plants and animals is
- (1) sugar solution
 - (2) formalin
 - (3) hydrochloric acid
 - (4) none of these
46. The study of grasses is known as
- (1) morphology
 - (2) histology
 - (3) agrostology
 - (4) none of these
47. The chemical name of marble tile is
- (1) calcium carbonate
 - (2) calcium bicarbonate
 - (3) magnesium carbonate
 - (4) none of these
48. The scientist who developed the Quantum theory was
- (1) James Chadwick
 - (2) Max Planck
 - (3) Both (1) and (2)
 - (4) None of these
49. China launched its first lunar probe in 2007, the first step in its ambitious three-stage moon mission, marking a new milestone in the country's space exploration history. The name of the probe is
- (1) Changue-1
 - (2) Xichang-1
 - (3) Chang'e-1
 - (4) None of these
50. Treaty of Versailles was signed between
- (1) Allied powers and USSR
 - (2) Allied powers and Germany
 - (3) Allied powers, Italy and Germany
 - (4) None of these



END OF THE EXAM