



EHF
LEARNING FOR LIFE

**EDUHEAL
FOUNDATION**

**CLASS
11**

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 year was Pulitzer Prize established?
(1) 1918 (2) 1922
(3) 1917 (4) None of these
2. The Dead Sea is situated in
(1) Asia (2) Australia
(3) Europe (4) None of these
3. 'Bagh', a village in Gwalior is famous for
(1) Sculptures
(2) Architecture
(3) Cave Painting
(4) None of these
4. What region is also referred as the "garden of southern India"?
(1) Western Ghats
(2) Cardamom Hills
(3) Cauvery Delta
(4) None of these
5. Who won the 2014 ATP tennis Championship in Abu Dhabi?
(1) Rafael Nadal
(2) Andy Murray
(3) Novak Djokovic
(4) None of these
6. Which UN body deals with population problem?
(1) UNICEF (2) UNFPA
(3) UNDP (4) None of these
7. Who among the following scientist is associated with the wireless telegraphy, radio and wireless message?
(1) G. Marconi (2) E. Fermi
(3) Galileo (4) None of these
8. The Panchayat Raj is a
(1) One-Tier System
(2) Two-Tier System
(3) Three-Tier System
(4) None of these
9. Which of the following river is known as Dakshina Ganga?
(1) Krishna (2) Mahanadi
(3) Godavari (4) None of these
10. Which of the following river is the home for freshwater dolphins?
(1) Brahmaputra (2) Ganga
(3) Both (1) and (2) (4) None of these
11. Who won the Jnanpith Award in 2015?
(1) Kedar Nath
(2) Mridula Garg
(3) Ashok Bajpeyee
(4) None of these
12. What is the reward money of Jnanpith Award?
(1) ₹ 10 lakh (2) ₹ 5 lakh
(3) ₹ 11 lakh (4) None of these
13. 'UNEP' stands for
(1) United Nations Economic Policies
(2) United Nations Environment Programme
(3) United Nations Economic Programme
(4) None of these
14. Which of the following gas is directly responsible for the acid rain in the atmosphere?
(1) CFC (2) CH₄
(3) SO₂ (4) None of these

15. The electrolyte employed in the car battery is
 (1) Hydrochloric Acid (2) Sulphuric acid
 (3) Distilled water (4) None of these
16. Consider the following statements related to the device ammeter:
 I. It is a measuring device used to measure the altitude of an object above a fixed level.
 II. It is a measuring device used to measure the current in a circuit.
 Which of the following statements is(are) correct?
 (1) Only I (2) Only II
 (3) Both I and II (4) None of these
17. Who among the following scientists is associated with the invention of transformer?
 (1) Faraday (2) Otto Blathy
 (3) Both (1) and (2) (4) None of these
18. Some bodies looking like stars, which do not twinkle, are called
 (1) planets
 (2) satellites
 (3) artificial satellites
 (4) none of these
19. Our ancestors imagined some figures in such star groups and gave them specific names-
 (1) Constellation
 (2) Seven stars
 (3) Small seven stars
 (4) None of these
20. Which of the following is non-metal?
 (1) Diamond (2) Brass
 (3) Nickel (4) None of these
21. The brightest planet is
 (1) Jupiter (2) Venus
 (3) Mars (4) None of these
22. _____ uses most amount of oxygen in human body.
 (1) pancreas (2) brain
 (3) gall bladder (4) none of these
23. What is 'Jhum'?'
 (1) A type of cultivation
 (2) A type of swinging
 (3) River
 (4) None of these
24. The Indian Space Research Organization is at
 (1) Bengaluru
 (2) Delhi
 (3) Trivandrum
 (4) None of these
25. Two volcanic Islands in India are
 (1) Narcondam and Barren
 (2) Lakshadweep and Pamban
 (3) Pamban and Barren
 (4) None of these
26. Ordinary table salt is sodium chloride. What is baking soda?
 (1) Potassium chloride
 (2) Sodium carbonate
 (3) Sodium bicarbonate
 (4) None of these
27. Ozone hole refers to
 (1) hole in ozone layer
 (2) increase in thickness of the ozone layer in troposphere
 (3) decrease in thickness of the ozone layer in stratosphere
 (4) none of these

- 28.** Pollination is best defined as
- (1) transfer of pollen grains from anther to stigma
 - (2) germination of pollen grains
 - (3) growth of pollen tube in ovule
 - (4) none of these
- 29.** Plants receive their nutrients mainly from
- (1) chlorophyll
 - (2) atmosphere
 - (3) soil
 - (4) none of these
- 30.** Movement of cell against concentration gradient is called
- (1) osmosis
 - (2) active transport
 - (3) diffusion
 - (4) none of these
- 31.** Which among the following is used as a fertile material in a breeder reactor?
- (1) Thorium – 232
 - (2) Plutonium
 - (3) Uranium – 235
 - (4) None of these
- 32.** Blisters are formed more rapidly by the steam of boiling water in comparison to the boiling water itself, because
- (1) temperature of the steam is higher
 - (2) steam enters the body pores rapidly
 - (3) steam has latent heat
 - (4) none of these
- 33.** The property of metals to be pulled as wire is called
- (1) hardness
 - (2) conductivity
 - (3) ductility
 - (4) none of these
- 34.** The working of the quartz crystal in the watch is based on the
- (1) Piezoelectric Effect
 - (2) Photoelectric Effect
 - (3) Johnson Effect
 - (4) None of these
- 35.** The science, which is used to obtain metal from ore and purify them for various uses, is called
- (1) metal filth
 - (2) metallurgy
 - (3) metallography
 - (4) none of these
- 36.** In our parliamentary form of government
- (1) The Parliament is supreme
 - (2) The Constitution is supreme
 - (3) Both have equal powers and may supercede each other
 - (4) None of these
- 37.** What should be the maximum strength of Council of Ministers as per 91th Amendment of Constitution?
- (1) 5% of total membership of Lok Sabha
 - (2) 7% of total membership of Lok Sabha and Rajya Sabha
 - (3) 15% of the total membership of ruling party
 - (4) None of these
- 38.** Before getting the telescope, which planet was seen with naked eye?
- (1) Uranus
 - (2) Venus
 - (3) Neptune
 - (4) None of these
- 39.** Earth rotates around Sun in
- (1) 365 days
 - (2) 365.25 days
 - (3) 366 days
 - (4) None of these
- 40.** After how many years Hailey's Comet appears?
- (1) 66 years
 - (2) 76 years
 - (3) 72 years
 - (4) None of these

INTERACTIVE SECTION

41. Which of the following plays the most important role in the distribution of revenue between the centre and the states?
- (1) Planning Commission
 - (2) Finance Commission
 - (3) National Development Council
 - (4) None of these
42. Who among the following was not nominated by President of India to the Upper House of Parliament recently?
- (1) Mary Kom
 - (2) Narendra Jadhav
 - (3) Mithun Chakravati
 - (4) None of these
43. Which among the following brand is most influential brand in India?
- (1) Microsoft
 - (2) Google
 - (3) Facebook
 - (4) None of these
44. Which among the following gas is most responsible for global warming?
- (1) Nitrous oxide
 - (2) Methane
 - (3) Carbon dioxide
 - (4) None of these
45. Dipa Karmakar was recently in news. She is associated with
- (1) Badminton
 - (2) Tennis
 - (3) Gymnastics
 - (4) None of these
46. Where is the Headquarters of North-Central Railway Zone situated?
- (1) Allahabad
 - (2) Jabalpur
 - (3) Bhopal
 - (4) None of these
47. Tritium is isotope of _____ atom.
- (1) oxygen
 - (2) hydrogen
 - (3) nitrogen
 - (4) none of these
48. As per a World Bank Report which of the following commodities is likely to face glut during 2016?
- (1) Iron ore
 - (2) Bauxite
 - (3) Automobiles
 - (4) None of these
49. India investment summit was held on a February 4-5, 2016 in
- (1) Ahmedabad
 - (2) Mumbai
 - (3) New Delhi
 - (4) None of these
50. The term “whitewash” is associated with which game?
- (1) Football
 - (2) Hockey
 - (3) Cricket
 - (4) None of these



END OF THE EXAM