



# EHF

LEARNING FOR LIFE

## EDUHEAL FOUNDATION

# CLASS 9

## LEVEL - 1

## Set A1

### EHF OLYMPIADS

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



### EHF

## INTERNATIONAL CYBER 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](http://WWW.EDUHEALFOUNDATION.ORG)  
E-MAIL : [INFO@EDUHEALFOUNDATION.ORG](mailto:INFO@EDUHEALFOUNDATION.ORG)

# ROUGH WORK

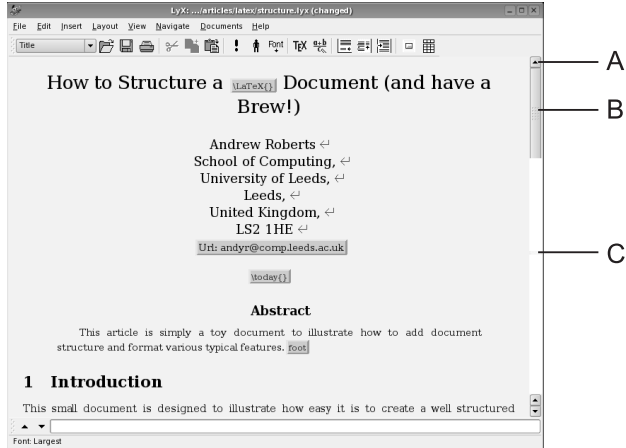
# MENTAL ABILITY

- If water is called black, black is called tree, tree is called blue, blue is called rain, rain is called pink and pink is called fish in a certain language then what is the colour of sky called in that language?
  - Blue
  - Fish
  - Rain
  - None of these
- Nageena is taller than Pushpa but not as tall as Manish. Rama is taller than Namita but not as tall as Pushpa. Who among them is the tallest?
  - Manish
  - Puspha
  - Namita
  - None of these
- If COUNTRY is coded in certain way as EMWLVPA, ELECTORATE will be coded in the same manner as
  - GJCEFQPYWC
  - CJGERQTYVG
  - GJGAVMTYVC
  - None of these
- Find out the wrong term in the series: 2, 5, 10, 50, 500, 5000
  - 5000
  - 500
  - 10
  - None of these
- Choose the missing term (?) out of the given alternatives:  
1, 2, 3, 10, ?, 9802
  - 199
  - 299
  - 99
  - None of these
- In three coloured boxes - Red, Green and Blue, 108 balls are placed. There are twice as many balls in the green and red boxes combined as there are in the blue box and twice as many in the blue box as there are in the red box. How many balls are there in the green box?
  - 18
  - 54
  - 45
  - None of these
- 583 is related to 293 in the same way as 488 is related to \_\_\_\_\_
  - 291
  - 378
  - 487
  - None of these
- If the position of Rajan is 15th from one end and 13th from the other end in his class, what is the total number of students in his class?
  - 28
  - 24
  - 27
  - None of these
- Nivedita stops after going 10 km towards west from her office. Then she goes 8 km turning to her left. After this she goes 4 km turning to her left. How far is she from her office?
  - 18 km
  - 8 km
  - 16 km
  - None of these
- Sumit walked 10 m towards West from his house. Then he walked 5 m turning to his left. After this he walked 10 m turning to his left and in the end he walked 10 m turning to his left. In what direction is he now from his starting point?
  - South
  - North
  - East
  - None of these

# COMPUTERS

11. Integrated Circuits (ICs) are related to which generation of computers?  
(1) First generation      (2) Second generation  
(3) Third generation      (4) None of these
12. A hybrid computer  
(1) Resembles digital computer  
(2) Resembles analogue computer  
(3) Resembles both a digital and analogue computer  
(4) None of these
13. Microcomputer hardware consists of three basic categories of physical equipment \_\_\_\_\_  
(1) keyboard, monitor, hard drive  
(2) system unit, input/output, memory  
(3) system unit, input/output, secondary storage  
(4) None of these
14. \_\_\_\_\_ connects the computer to the network media.  
(1) Cable      (2) Hub  
(3) NIC      (4) None of these
15. Which of the following is application software?  
(1) Compiler      (2) Power Point  
(3) Debugger      (4) None of these
16. The Programs which are as permanent as hardware and stored in ROM is known as  
(1) Hardware      (2) Software  
(3) Firmware      (4) None of these
17. Which of the following operating system does not implement the multitasking truly?  
(1) Windows 98      (2) Windows XP  
(3) MS DOS      (4) None of these
18. Which of the following operating system do not implement a client server network?  
(1) Windows      (2) Windows 98  
(3) Both (1) and (2)      (4) None of these
19. In order to email a Word document from within MS Word  
(1) Office button >> Send to >> Mail Recipient  
(2) Save the file as an email attachment  
(3) Start Outlook and attach the file while open in Word  
(4) None of these
20. Small squares, called \_\_\_\_\_, on the selection rectangle that surrounds a graphic can be used to change the dimensions of the graphic.  
(1) scroll boxes  
(2) sizing handles  
(3) status indicators  
(4) none of these
21. WSFTP is an example of \_\_\_\_\_ program.  
(1) FTP      (2) Telnet  
(3) Web browser      (4) None of these
22. Which of the following is best suitable for remote administration of a computer?  
(1) Telnet      (2) WAIS  
(3) Browsers      (4) None of these
23. Portrait and Landscape are  
(1) Page Orientation      (2) Paper Size  
(3) Page Layout      (4) None of these
24. Superscript, subscript, outline, emboss, engrave are known as  
(1) font effects      (2) text effects  
(3) font styles      (4) none of these
25. A typical worksheet has \_\_\_\_\_ number of columns.  
(1) 128      (2) 256  
(3) 512      (4) None of these
26. How many characters can be typed in a single cell in Excel?  
(1) 256      (2) 1024  
(3) 65535      (4) None of these

27. An example of a word processing screen is shown in the figure below. In that screen find the Scroll Box.



- (1) A (2) B  
(3) C (4) None of these
28. A network computer that shares resources with and responds to requests from other computer is known as
- (1) client (2) server  
(3) terminal (4) none of these
29. A self-sufficient computer that acts as both a server and a client is known as
- (1) host (2) client  
(3) peer (4) none of these
30. Which of the following statement is correct?
- (1) Photoshop is not a graphical design tool by Adobe.  
(2) Linux is free and open source software.  
(3) Both (1) and (2)  
(4) None of these
31. You can check the conditions against \_\_\_\_\_ when applying conditional formatting.
- (1) Cell value (2) Formula  
(3) Both (1) and (2) (4) None of these
32. Which file starts MS Word?
- (1) winword.exe (2) word.exe  
(3) msword.exe (4) none of these
33. Windows 7 operating system is not an upgrade from
- (1) window XP (2) window vista

- (3) window 98 (4) none of these
34. Which of the following is not the classification of computers based on application?
- (1) Electronic Computers  
(2) Analog Computers  
(3) Digital Computers  
(4) None of these
35. A program that is employed in the development, repair or enhancement of other programs is known as
- (1) System software (2) Software tool  
(3) Applications program (4) None of these
36. You cannot link Excel worksheet data to a Word document
- (1) with a hyperlink.  
(2) with the copy and paste special commands.  
(3) with the copy and paste buttons on the standard toolbar.  
(4) none of these
37. A typical upgrade from Windows 95 requires approximately \_\_\_\_\_ of free hard disk space.
- (1) 195 MB (2) 395 MB  
(3) 95 MB (4) None of these
38. The tool used by a programmer to convert a source program to a machine language object module is a
- (1) Compiler  
(2) Language translator  
(3) Linker  
(4) None of these
39. The operating system of a computer serves as a software interface between the user and
- (1) hardware (2) peripheral  
(3) memory (4) none of these
40. You can group non-contiguous worksheets with the
- (1) ctrl key and mouse  
(2) shift key and the mouse  
(3) group button on the standard toolbar  
(4) none of these

# INTERACTIVE SECTION

41. Which one of the following is an impact printer?
- (1) Inkjet printer
  - (2) Daisy wheel printer
  - (3) Laser printer
  - (4) None of these
42. If you want to keep track of different editions of a document which features will you use?
- (1) Editions
  - (2) Versions
  - (3) Track Change
  - (4) None of these
43. Which of the following computer implemented binary numbers, perform calculations using electronics and implemented separate computation and memory for the first time?
- (1) Mark I
  - (2) ABC
  - (3) Z3
  - (4) None of these
44. Which of the following machine was not invented by Charles Babbage?
- (1) Tabulating Machine
  - (2) Analytical Engine
  - (3) Difference Engine
  - (4) None of these
45. Number crunchier is the informal name for
- (1) Mini computer
  - (2) Super computer
  - (3) Microcomputer
  - (4) None of these
46. Technology used to provide internet by transmitting data over wires of telephone network is
- (1) Diodes
  - (2) HHL
  - (3) DSL
  - (4) None of these
47. Which computers are used in banking, railways, etc.?
- (1) Micro Computers
  - (2) Main Frames
  - (3) Super Computers
  - (4) None of these
48. A wireless technology built in electronic gadgets used for exchanging data over short distances is
- (1) Bluetooth
  - (2) Wifi
  - (3) Modem
  - (4) None of these
49. Which operating system is developed by Apple?
- (1) Linux
  - (2) Window
  - (3) Mac OS
  - (4) None of these
50. To produce high quality graphics (hardcopy) in color, you would want to use a(an)
- (1) RGB monitor
  - (2) Plotter
  - (3) Inkjet printer
  - (4) None of these



**END OF THE EXAM**