



EduHeal Foundation

EDUHEAL FOUNDATION CONDUCTS 8 OLYMPIADS ANNUALLY REACHING OUT TO 3,500 + SCHOOLS

• 5 LAKH + STUDENTS • 50,000 TEACHERS AND HAVING 500 RESOURCE PERSONS
IN ENGLISH / MATHS / SCIENCE / BIOTECH / COMPUTER / G.K. / ARTS / CRICKET / FINANCE & 300 REGIONAL COORDINATORS.

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ICO INTERNATIONAL CYBER OLYMPIAD	NISO NATIONAL INTERACTIVE SCIENCE OLYMPIAD	NIMO NATIONAL INTERACTIVE MATH OLYMPIAD	NBTO NATIONAL BIOTECHNOLOGY OLYMPIAD	IEO INTERNATIONAL ENGLISH OLYMPIAD	IGO INTERNATIONAL G.K. OLYMPIAD	BIFO BSE INTERNATIONAL FINANCE OLYMPIAD	NIPO NATIONAL IIT-PMT OLYMPIAD
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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, Cricket, Cyber, NIPO and Biotech.

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

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.**

EHF
**INTERNATIONAL
CYBER
OLYMPIAD**

ICO

8
Class

A1
Paper
Code

LEVEL - 1

MENTAL ABILITY

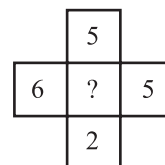
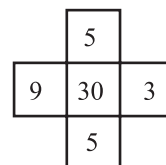
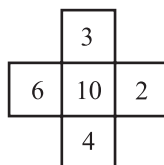
1. In a class of 39 students the ratio of boys and girls is 2:1. Tanvi ranks 15th among all the students from top and 8th among girls from bottom. How many boys are there below Tanvi?

(1) 16	(2) 17
(3) 15	(4) None of these
2. In a code language if SUGAR is coded as PKLTN and TEA is coded as QGT, how would you code GREAT in the same code language?

(1) ENGTP	(2) LNGTK
(3) LNGTQ	(4) None of these
3. "Some stones are rocks" and "Some rocks are clouds". If both the statements are true, then which of the following statements is DEFINITELY TRUE?

- (1) Some clouds are stones
 - (2) All clouds are rocks
 - (3) No rock is stone
 - (4) None of these
4. Anil introduces Rohit as the son of the only brother of his father's wife. How is Rohit related to Anil?

(1) Cousin	(2) Son
(3) Uncle	(4) None of these
 5. Find the missing number:



- | | |
|--------|-------------------|
| (1) 15 | (2) 20 |
| (3) 25 | (4) None of these |

6. It takes 2 minutes to boil a single egg. How many minutes will it take to boil 5 eggs together?
 (1) 10 (2) 4
 (3) 2 (4) None of these
7. **Happy** is to **sad** as straight is to-----
 (1) Drawing (2) Curved
 (3) Rounded (4) None of these
8. If BAD is coded as YZW and FIGHT is coded as URTSG. How will you encode HIGH?
 (1) TRST (2) SRTS
 (3) STSR (4) None of these
9. If $20 - 4 = 10$ and $30 - 6 = 10$ then $40 - 8 = ?$
 (1) 30 (2) 24
 (3) 10 (4) None of these
10. 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?
 (1) Blue (2) Fish
 (3) Rain (4) None of these
16. A program written in machine language is called _____ program.
 (1) object (2) computer
 (3) assembler (4) none of these
17. A collection of 8 bits is called
 (1) byte (2) record
 (3) word (4) none of these
18. In the binary number 110.101, the fractional part has the value
 (1) 0.625 (2) 0.125
 (3) 0.875 (4) none of these
19. Transmission of computerised data from one location to another is called
 (1) data transfer
 (2) data flow
 (3) data communication
 (4) none of these
20. A collection of wires that connects several device is called
 (1) link (2) bus
 (3) cable (4) none of these

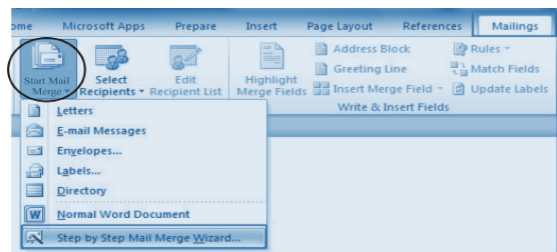
COMPUTERS

11. What is the term to ask the computer to put information in order numerically or alphabetically?
 (1) Sort (2) Record
 (3) Report (4) None of these
12. What is part of a database that holds only one type of information?
 (1) Report (2) Field
 (3) Record (4) None of these
13. The rectangular area of the screen that displays a program, data and/or information is a
 (1) title bar (2) dialog box
 (3) window (4) none of these
14. Sending an e-mail is similar to:
 (1) Picturing an event
 (2) Writing a letter
 (3) Creating a drawing
 (4) None of these
15. What menu is selected to print?
 (1) Edit (2) File
 (3) Tools (4) None of these
21. Which of the following memory is volatile?
 (1) RAM (2) ROM
 (3) EPROM (4) None of these
22. Super computers are mainly useful for
 (1) mathematical intensive scientific applications
 (2) data-retrieval operations
 (3) input-output intensive processing
 (4) none of these
23. Arithmetic logic unit
 (I) perform arithmetic operations
 (II) store data
 (III) perform comparison
 (IV) communicate with input devices of the above
 the correct one is
 (1) I only (2) II only
 (3) I and III only (4) None of these
24. The following computer's memory is characterized by low cost per bit stored —
 (1) Primary (2) Secondary
 (3) Hard disk (4) None of these

25. To identify a particular location in storage area one has to have a —
 (1) Address (2) Password
 (3) Logic (4) None of these
26. Tab scroll buttons are place on Excel screen
 (1) towards the bottom right corner
 (2) towards the bottom left corner
 (3) towards the top right corner
 (4) none of these
27. In the binary language each letter of the alphabet, each number and each special character is made up of a unique combination of:
 (1) eight bytes (2) eight characters
 (3) eight bits (4) none of these
28. The CPU and memory are located on the —
 (1) expansion board (2) motherboard
 (3) storage device (4) none of these
29. DSL is an example of a(n) _____ connection.
 (1) network (2) wireless
 (3) broadband (4) none of these
30. The two broad categories of software are:
 (1) word processing and spreadsheet
 (2) transaction and application
 (3) system and application
 (4) none of these
31. In computer system scanner is ____ device.
 (1) input (2) output
 (3) both (1) and (2) (4) none of these
32. Main storage is also called
 (1) Accumulator (2) Control Unit
 (3) Memory (4) None of these
33. After copying the content how many times can you paste?
 (1) 1 (2) 16
 (3) Many (4) None of these
34. Which of the following language that computer can understand & execute?
 (1) Machine Language
 (2) C Programming Language
 (3) Java Programming Language
 (4) None of these
35. Bar codes stores information using
 (1) punched holes (2) dots
 (3) thick and thin tines (4) none of these
36. Which operation is **not** performed by computer?
 (1) Inputting (2) Processing
 (3) Understanding (4) None of these
37. How many steps are there between start and finish in Auto Content Wizard?
 (1) 3 (2) 4
 (3) 5 (4) None of these
38. From which menu you can access Picture, Textbox, Chart etc?
 (1) File (2) Edit
 (3) Insert (4) None of these
39. What are the three options available in Insert >> picture menu?
 (1) Clipart, Pictures, Shapes
 (2) Clipart, From File, Shapes
 (3) Clipart, From Files, AutoShapes
 (4) None of these
40. In a Power point presentation
 (1) Sound clips can be inserted but not movie clips
 (2) Movie clips can be inserted but not sound clips
 (3) Both (1) and (2) can be inserted
 (4) None of these

INTERACTIVE SECTION

41. This feature of MS-Word is mainly used for:



- (1) Merging photograph in the document
 (2) For receiving mails in the document file
 (3) Generate the same document to multiple addresses
 (4) None of these
42. While working with MS-Word, which of the key combination is used to remove Underline formatting.

- (1) Ctrl + Spacebar (2) Ctrl + U
 (3) Both (1) and (2) (4) None of these

43. Neha was online-comfortably browsing a website. But when she clicked on the link ‘More info.....’, she got the message– ‘Web page unavailable’ whereas other links led to their respective web pages. What could be the most probable reason of the error?

- (1) Network was not working
 (2) Link text ‘ More info....’ was incorrect
 (3) Linked file did not exist in the requisite directory
 (4) None of these

44. What is the best way to create another copy of a slide?

- (1) Click the slide then press Ctrl+A and paste in new slide
 (2) From Insert Menu choose Duplicate slide
 (3) Redo everything on a new slide that you had done on previous
 (4) None of these

45. Full screen view shows the following word tools

- (1) Task bar (2) Full screen toolbar
 (3) Scroll bar (4) None of these

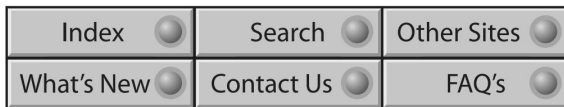
46. a b



To move to the last worksheet press




- (1) a (2) b
 (3) c (4) none of these

47. What do these buttons help a website visitor do?

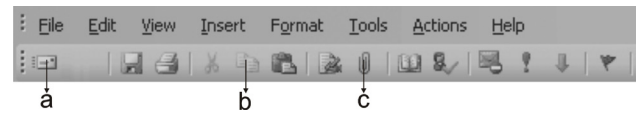


- (1) Change browser options
 (2) Launch application software
 (3) Link to relevant information
 (4) None of these

48. Which of the following is not purely output device?

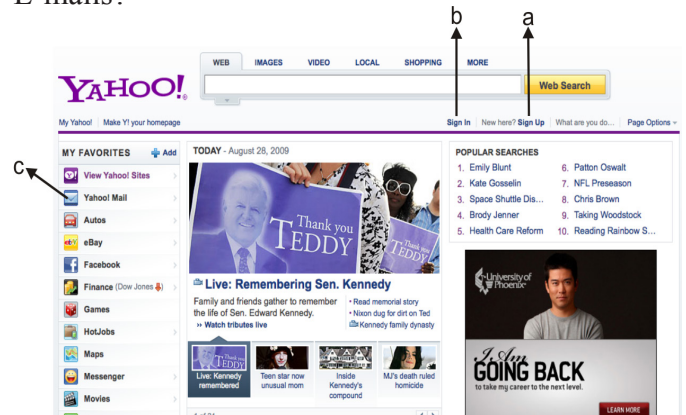
- (1)  (2) 
 (3)  (4) None of these

49. Which button is pressed to send an E-mail.



- (1) a (2) b
 (3) c (4) none of these

50. What will you click on to create a new account for E-mails?



- (1) a (2) b
 (3) c (4) none of these



END OF THE EXAM