



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.

WEBSITE : WWW.EDUHEALFOUNDATION.ORG • E-MAIL : INFO@EDUHEALFOUNDATION.ORG

ICO INTERNATIONAL CYBER OLYMPIAD	NISO NATIONAL INTERACTIVE SCIENCE OLYMPIAD	NIMO NATIONAL INTERACTIVE MATHS OLYMPIAD	NBTO NATIONAL BIOTECHNOLOGY OLYMPIAD	IEO INTERNATIONAL ENGLISH OLYMPIAD	IGO INTERNATIONAL G.K. OLYMPIAD	BIFO BSE INTERNATIONAL FINANCE OLYMPIAD
---	---	---	--	---	--	--

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 G.K. 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. Level 3 is in Maths, Science & Cyber only.

*# See prospectus/website for details

1. You are allowed additional 10 minutes to fill the required details in the **RESPONSE SHEET (OMR)**. **STUDENTS OF CLASS 1 & 2 HAVE TO UNDERLINE** THE CORRECT ANSWER IN THE QUESTION PAPER ITSELF. THEY ARE NOT REQUIRED TO USE THE RESPONSE SHEET (OMR). THEY HAVE TO FILL THEIR NAME, ROLL NUMBER, CLASS, SCHOOL NAME IN THE SPACE PROVIDED IN THE QUESTION PAPER.
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 except for classes 1 and 2.

INTERNATIONAL CYBER OLYMPIAD

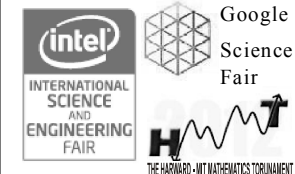
ICO

8
Class

A1
Paper
Code





LEVEL - 1

Academic Partner — WWW.EDUSYS.IN

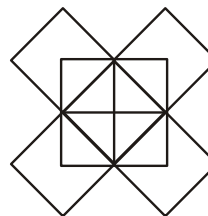


ORACLE ThinkQuest
EDUCATION FOUNDATION

MENTAL ABILITY

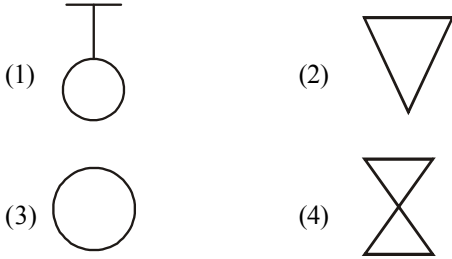
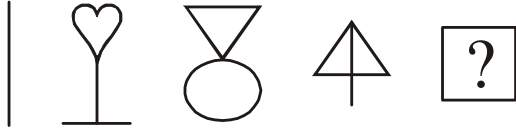
1. Mirror image of  is
- (1)  (2) 
- (3)  (4) None of these

2. How many rectangles does the following figure have?



- (1) 10 (2) 13
(3) 14 (4) None of these
3. Choose the word which is least like the other words in the group
- (1) lake (2) Sea
(3) River (4) Pool
4. Choose the number which is different from others in the group
- (1) 6 (2) 12
(3) 18 (4) 7

5. Following figures are in a serial. Find the missing figure



6. Find the odd one out

- (1) Cut
- (2) Put
- (3) Nut
- (4) But

7. Find the odd one out

- 1, 2, 3, 5
- (1) 1
 - (2) 2
 - (3) 3
 - (4) None of these

8. Find the next letter of the following series

- M, T, W, T, F,
- (1) A
 - (2) B
 - (3) S
 - (4) H

9. Find the next letter of the following series

- O, T, T, F, F, S,
- (1) S, N
 - (2) S, E
 - (3) S, T
 - (4) S, O

10. Find the next letter in the following series

- J, F, M, A, M, J, J,
- (1) J
 - (2) A
 - (3) S
 - (4) O

COMPUTERS

11. One gigabyte (GB) is equal to :

- (1) 1024 Bytes
- (2) 1024 KB
- (3) 1000 MB
- (4) 1024 MB

12. The first computer mouse was built by

- (1) Douglas Engelbart
- (2) William English
- (3) Daniel Cougher
- (4) None of these

13. The computer code for the interchange of information between terminals is :

- (1) ASCII
- (2) ACD
- (3) EBCDIC
- (4) All of these

14. _____ printer, cannot print graphics

- (1) Ink-jet
- (2) Daisy Wheel
- (3) Laser
- (4) Dot-Matrix

15. F63* A13 will _____ the content of cells F63 and A13

- (1) Divide
- (2) Multiply
- (3) Add
- (4) None of these

Look at the chart and answer the following questions.

STUDENT	MARKS						TOTAL
NAME	HINDI	ENGLISH	MATHS	SST	SKT	SCIENCE	TOTAL
PRIYA	98	67	78	77	79	93	492
HUSSAIN	37	48	47	44	59	80	295
VISHAKHA	67	78	78	67	88	84	462
HARISH	67	79	48	47	55	67	363
KAVITA	48	59	78	74	71	67	397
FATIMA	78	88	79	86	81	72	484
PRIYANKA	88	56	78	89	76	85	452
MONA	56	65	77	88	45	67	398
SOMYA	87	98	98	91	99	99	572
GIRISH	33	38	43	42	47	49	252
AKHIL	56	57	51	47	37	55	303
PRITAM	71	87	67	87	66	69	447
POOJA	87	65	52	71	88	74	437
AJAY	52	68	76	73	81	64	414
GOVIND	72	67	63	61	78	71	412
KRISHAN	87	83	88	78	89	91	516
VIJAY	76	81	89	67	88	92	493
ABHAY	72	67	74	58	73	79	423

16. How many students are there in the class?

- (1) 20
- (2) 18
- (3) 24
- (4) None of these

17. On which sheet data is entered?

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

18. Does this window reflect the information that the caps lock is on in the keyboard?

- (1) No
- (2) Yes
- (3) Can't say
- (4) None of these

19. If you want to sort the data, which menu you need to click?

- (1) File
- (2) Format
- (3) Data
- (4) None of these

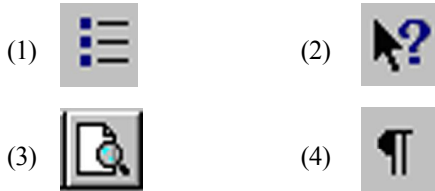
20. Which cell is active in the figure?

- (1) E7
- (2) F8
- (3) G10
- (4) None of these

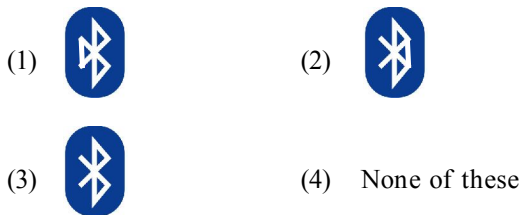
21. If you arrange students in ascending order of their total marks, who will come in the third row ?

- (1) Somya
- (2) Hussain
- (3) Vijay
- (4) None of these

22. What is the font size used in the table?
 (1) 13 (2) 9
 (3) 7 (4) None of these
23. What would you see while spell checking the phrase "I was write" ?
 (1) The word "write" is misspelled
 (2) A blue squiggly underline under the word 'write'
 (3) The verb of the phrase will be highlighted
 (4) No errors
24. To show the paragraph marks on the page you would click the button _____



25. Alignment of data in centre, top and bottom is called
 (1) Horizontal alignment (2) Left alignment
 (3) Vertical alignment (4) Orientation
26. Which cell shows the default length and height of a cell?
 (1) A₁ (2) B₁
 (3) C₁ (4) None of these
27. The first graphical browser for the www was named
 (1) Netscape (2) Versonic
 (3) Mosaic (4) None of these
28. Which of the following represents the sign of bluetooth ?



29. If someone has sent you spam, they
- (1) Signed you up for the meet of the month club.
 (2) Infected your computer with a virus
 (3) Sent you unsolicited e-mail
 (4) None of these
30. Using the F11 shortcut key to create a chart on a chart sheet creates:
 (1) A default chart
 (2) A 2-dimensional column chart
 (3) A 2-dimensional bar chart
 (4) A 3-dimensional line chart
31. When you let your pointer linger over an object, the pointer is _____
 (1) Hovering (2) Elapsing

- (3) Dragging (4) Expanding
32. When necessary, the results are transferred from the CPU to main memory by
 (1) I/O devices (2) CPU
 (3) Shift registers (4) None of these
33. You cannot delete a file, if it is
 (1) Blank (2) Extremely heavy
 (3) In use by some user (4) None of these
34. To view smaller text on the screen, you can:
 (1) Decrease the editing percentage
 (2) Increase the editing percentage
 (3) Decrease the view percentage
 (4) Increase the view percentage
35. _____ are often used to ensure that data has been accurately input to the computer
 (1) Digitizes (2) Light pens
 (3) Keyboards (4) Input controls
36. Which of the following special characters can't be used in a file name?
 (1) The semicolon (;) (2) the period (.)
 (3) the pipe symbol (|) (4) All of these
37. You can activate a cell by :
 (1) Pressing the TAB key (2) Clicking the cell
 (3) Pressing an arrow key (4) None of these
38. Several toolbars are available in Word some of the more common ones are the:
 (1) Drawing, Standard, Formatting
 (2) Standard, Windows, Formatting
 (3) Font, Table, Spelling
 (4) Drawing, Standard, Normal
39. Siyntax error is a type of
 (1) Spam blocker (2) Error in programming
 (3) A virus (4) None of these
40. _____ can be used to convert a photograph into a document
 (1) Modem (2) Monitor
 (3) Printer (4) Scanner

ETG INTERACTIVE SECTION

41. In the given program to make a rectangle of sides 10 and 50 units-
- ```
REM "make a box"
CLS
SCREEN 7
LINE (10,10)-(50,50), 4,B
END
```
- Here the number 4 represents,

- (1) Number of sides
- (2) Code for the colour chosen
- (3) Number of inputs require
- (4) None of these

42. If the maximum exponent that can be stored in a computer is 38 then the operation

$w = x * y / z$  (FORTRAN)

OR

$w = x * y / z$  (PASCAL)


for  $x = 0.5E30$

$y = 0.5E30$

and  $z = 0.25E30$

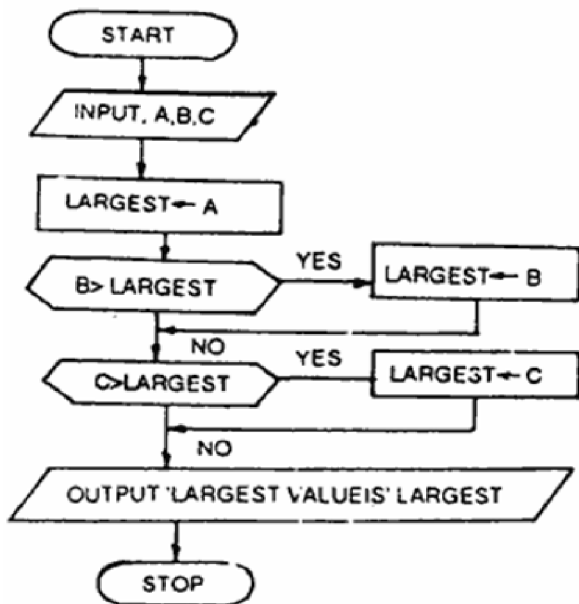
will cause

- (1) Under flow error
- (2) Overflow error
- (3) Division by zero error
- (4) Memory overflow error

43. The symbol  used in a flow chart to represent

- (1) In-connector
- (2) Out-connector
- (3) Output
- (4) End

Question 44 and 45 refer to flow chart shown in figure.



44. The problem represented by the flow chart is

- (1) To compare A, B and C
- (2) To find lowest of A, B and C
- (3) To find average of A, B and C
- (4) To find largest value of A, B and C

45. The output will be

- (1) Stop
- (2) Average number
- (3) Largest number
- (4) Least number

46. A program to print the name of your school five times on the monitor is best described as-

- (1) REM "display school name"  
CLS  
PRINT "ABC School"  
PRINT "ABC School"  
PRINT "ABC School"  
PRINT "ABC School"  
PRINT "ABC School"  
END
- (2) REM "display school name"  
CLS  
count = 0  
display : PRINT "ABC School"  
count = count + 1  
If count = 5 THEN END ELSE GOTO display
- (3) REM "display school name"  
CLS  
for count = 1 TO 5  
PRINT "ABC School"  
NEXT count  
END

(4) None of these

47. CAD stands for \_\_\_\_\_

- (1) Computer Aided Design
- (2) Complex Algorithm Design
- (3) Computer Application Design
- (4) Computer Accessory Design

48. 4 Bits constitute to form \_\_\_\_\_

- (1) A byte
- (2) A nibble
- (3) A kilobit
- (4) None of these

49. Personal computers use a number of chips mounted on a main circuit board. This main board is often referred to as:

- (1) Mother board
- (2) Bread board
- (3) Master board
- (4) Father board

50. Which one of the following is not a computer language?

- (1) Oracle
- (2) C++
- (3) FORT RAN
- (4) PASCAL



END OF THE EXAM