



EHF

LEARNING FOR LIFE

EDUHEAL FOUNDATION

CLASS 10

LEVEL - 1

Set A1

EHF OLYMPIADS

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



EHF

INTERNATIONAL CYBER OLYMPIAD

Name :

Roll No :

Class :

School :



art and cricket clinic contest

NATIONAL BIOTECHNOLOGY OLYMPIAD



NATIONAL MATHS OLYMPIAD



NATIONAL SCIENCE OLYMPIAD



INTERNATIONAL CYBER OLYMPIAD



INTERNATIONAL ENGLISH OLYMPIAD



INTERNATIONAL GENERAL KNOWLEDGE OLYMPIAD



BSE INVESTORS' PROTECTION FUND

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

MENTAL ABILITY

Directions (Q.1 and Q.2): These questions are based on the basis of following information. Study it carefully and answer the questions.

Eight executives J, K, L, M, N, O, P, and Q are sitting around a circular table for a meeting. J is second to the right of P who is third to the right of K. M is second to the left of O who sits between P and J, L is not a neighbour of K or N.

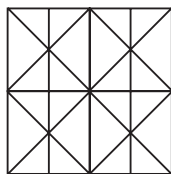
1. Who is to the immediate left of K?
 - (1) N
 - (2) J
 - (3) Q
 - (4) None of these

2. Which of the following groups of persons have the first person sitting between the other two?
 - (1) PJO
 - (2) OPJ
 - (3) OPM
 - (4) None of these

3. If the digits of the number 5726489 are arranged in ascending order, how many digits will remain at the same position?
 - (1) One
 - (2) Two
 - (3) Three
 - (4) None of these

4. Look at this series: 80, 10, 70, 15, 60, ... What number should come next?
 - (1) 20
 - (2) 25
 - (3) 30
 - (4) None of these

5. Find the minimum number of straight lines required to make the given figure.

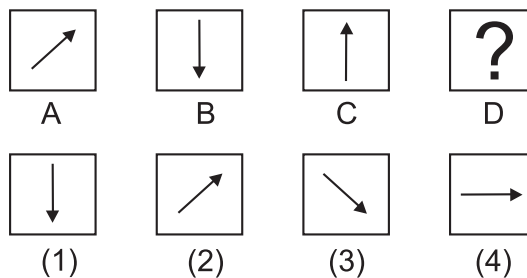


- (1) 11
- (2) 14
- (3) 16
- (4) None of these

6. It was Sunday on Jan 1, 2006. What was the day of the week Jan 1, 2010?
 - (1) Sunday
 - (2) Saturday
 - (3) Friday
 - (4) None of these

7. Find the odd term in the series: 396, 462, 572, 427, 671, 264
 - (1) 396
 - (2) 427
 - (3) 671
 - (4) None of these

8. There is some relationship between diagrams A and B. The same relationship persists between C and D. Find the right diagram for D from the given alternatives.



- (1) 1
 - (2) 2
 - (3) 3
 - (4) None of these
-
9. The series given below are incomplete. Choose the correct answer from the alternatives
 CBA : WVU : IHG : TSR :
 - (1) NOM
 - (2) MON
 - (3) ONM
 - (4) None of these

 10. Raju is shorter than Gopi but taller than Rahim who is taller than Meena. Who is the shortest of the four?
 - (1) Gopi
 - (2) Raju
 - (3) Meena
 - (4) None of these

COMPUTERS

11. Speed of Laser Printer is measured in
(1) LPM (2) PPM
(3) DPI (4) None of these
12. What is the main purpose of the secondary storage device?
(1) To install operating system
(2) To networking
(3) To store data
(4) None of these
13. Who invented Integrated Circuit (IC)?
(1) Herman Hollerith (2) Jack Kilby
(3) Semen Korsakov (4) None of these
14. In BASIC, description comments are put in the source program with the
(1) PRINT statement
(2) REMARK statement
(3) INPUT statement
(4) None of these
15. Which language is not a true object-oriented programming language?
(1) Java (2) VB 6
(3) C++ (4) None of these
16. When a computer is first turned on or restarted, a special type of absolute loader is executed, called a
(1) Compile and Go loader
(2) Boot loader
(3) Bootstrap loader
(4) None of these
17. Which of the following is not a part of operating system?
(1) Supervisor
(2) Performance monitor
(3) Job-control program
(4) None of these
18. Basic Java language functions are stored in which of the following java package?
(1) java.lang (2) java.io
(3) java.net (4) none of these
19. A device used to transfer data between computers is called
(1) CD (2) Hard drive
(3) Flash drive (4) None of these
20. Which of the following is NOT used to facilitate communication on the network?
(1) E-mail (2) Instant messaging
(3) Printing (4) None of these
21. In how many ways can you save a document?
(1) 3 (2) 4
(3) 5 (4) None of these
22. MS-Word automatically moves the text to the next line when it reaches the right edge of the screen and is called
(1) Carriage Return (2) Enter
(3) Word Wrap (4) None of these
23. You can convert existing Excel worksheet data and charts to HTML document by using the
(1) Internet Assistant Wizard
(2) Intranet Wizard
(3) Import Wizard
(4) None of these
24. Which among the following wildcard characters are recognized by Excel?
(1) + and – (2) ! and ^
(3) * and ? (4) None of these
25. Which of the following is not one of PowerPoint's views?
(1) Slide show view
(2) Slide view
(3) Presentation view
(4) None of these

26. Which PowerPoint view works best for adding slide transitions?
- (1) Slide show view (2) Slide sorter view
(3) Slide view (4) None of these
27. If a computer provides database services to other, then it will be known as
- (1) Web server (2) Application server
(3) Database server (4) None of these
28. Which one of the following is not a feature of third generation languages?
- (1) They need to get translated.
(2) They are faster than MLLs.
(3) They are easy to use than MMLs.
(4) None of these
29. Resolution of externally defined symbols is performed by
- (1) Linker (2) Loader
(3) Compiler (4) None of these
30. Communication between a computer and a keyboard involves _____ transmission.
- (1) simplex (2) half-duplex
(3) full-duplex (4) none of these
31. In order to edit a chart, you can
- (1) Triple click the chart object
(2) Click and drag the chart object
(3) Double click the chart object
(4) None of these
32. MS OFFICE is _____ Software.
- (1) System (2) Application
(3) Utility (4) None of these
33. Excel uniquely identifies cells within a worksheet with a cell name
- (1) Cell names
(2) Column numbers and row letters
(3) Column letters and row numbers
(4) None of these
34. In Microsoft PowerPoint two kinds of sound effects files that can be added to the presentation are
- (1) .wav files and .mid files
(2) .wav files and .gif files
(3) .wav files and .jpg files
(4) none of these
35. A language that uses mnemonics like MOV, ADD is
- (1) Pascal
(2) C++
(3) Assembly language
(4) None of these
36. A high quality CAD system uses the following for printing, drawing and graphs _____
- (1) Dot matrix printer
(2) Digital plotter
(3) Line printer
(4) None of these
37. The quickest way to create a PowerPoint presentation is to use the
- (1) Word for windows templates
(2) Auto creation wizard
(3) Auto content wizard
(4) None of these
38. URL means _____.
- (1) term used to describe website
(2) term used to get online program
(3) address of the resource on the web
(4) none of these
39. The language that is used to create a webpage is called _____.
- (1) HTML (2) HTTP
(3) FTP (4) None of these
40. FTP
- (1) is an e-mail address.
(2) allows the download and upload of files on the Internet.
(3) permits linking of documents.
(4) none of these

INTERACTIVE SECTION

41. If you have a PowerPoint show you created and want to send using email to another teacher you can add the show to your email message as a (an)

- (1) Inclusion (2) Attachment
(3) Reply (4) None of these

42. You have got a bunch of digital holiday photo you want to put into a slide show. What is the quickest method?

- (1) Apply a multiple-picture layout to several slides, and use the clipart icon on the slides to import your picture.
(2) On the insert menu, point to the picture, click from file, and select your picture in a group for each slide.
(3) On the insert menu, point the picture and click new photo album.
(4) None of these

43. Thesaurus tool in MS Word is used for

- (1) Grammar options
(2) Spelling suggestions
(3) Synonyms and Antonyms words
(4) None of these

44. Which of the following 4GLs (Fourth Generation Languages) invented at IBM and subsequently adopted by ANSI and ISO as the standard language for managing structured data?

- (1) SQL (2) PROLOG
(3) C (4) None of these

45. Yogyata has made documentation manual for her new 3D game. The content is ready but she wants to add attractive borders on each page. Name the feature of the Word Processor which will help her to achieve the same without devoting much time to designing.

- (1) Tables (2) Page Borders
(3) Both (1) and (2) (4) None of these

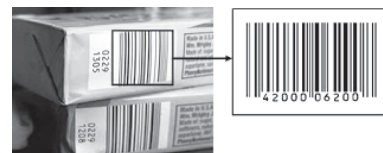
46. Name the input device used to sense and read thick and thin black stripes present on the items usually sold at supermarkets.

(1) Barcode Reader

(2) OMR

(3) OCR

(4) None of these



47. A Bank Cheque or Bank Draft generally contains a specially printed number on it. Which of the following technique is used to read the special characters?

(1) MICR

(2) OCR

(3) OMR

(4) None of these



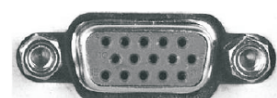
48. This is a port generally found at the back side of your CPU. Identify the device which we connect at this port.

(1) Printer

(2) Keyboard

(3) Monitor

(4) None of these



49. Suppose you have bought all hardware components required for assembling a Computer. After assembling the Computer System, which will be the very first software to be installed:

(1) Hardware Drivers

(2) Operating System

(3) Anti Virus Software

(4) None of these

50. A student wants to create a 'Digital Story Collection' on the famous storyline 'Rabbit and the Tortoise'. He has downloaded some images of Rabbit, Tortoise and forest. He wants to add Watermarks, stylish text and images but is not interested in any animation. Which one of the office tool should he use?

(1) Word Processing Software

(2) Presentation Software

(3) Spreadsheet Software

(4) None of these



END OF THE EXAM