EtG
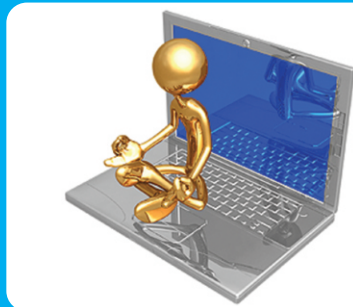
OLYMPI
EXPLOR

Workbook for

International CYBER Olyn
National/International Olympiads/Taler

Based on CBSE, ICSE, GCSE, State Board Syllabus & NCF (NCERT)

100's of Q's with answers
- **Chapterwise Practice Q's**
- **Revision Q's**
- **Sample Paper**

Class
10

EduHeal Foundation
•LEARNING for LIFE

EduHeal Foundation conducts 5 Olympiads annually reachin
- 4 Lakh + Students ● 50,000 Coordinating Teachers and havi
in English / Maths / Science / Biotech / Computer & 300 R

PRIZES

WORKSHOP • TEACHER TRAINING PROG. •MAGAZINE/LAB GRANT •PRINCIPAL LEADERSHIP AWARD.

Contents

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SYLLABUS GUIDELINES

**Based on CBSE, ICSE & GCSE Syllabus
& NCF guidelines devised by NCERT.**

The World of Internet; World Wide Web; Internet Usage; HTML (Hyper Text Markup Lanaguage); MS-Access

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Using Internet

Q.1. What is the World Wide Web?
(a) a computer game
(b) a software program
(c) the part of the Internet that enables information-sharing via interconnected pages
(d) another name for the Internet

Q.2. Which is the best search tool for finding Web sites that have been handpicked and recommended by someone else?
(a) subject directories
(b) search engines
(c) meta-search engines
(d) discussion groups

Q.3. The Internet was originally developed by whom?
(a) computer hackers
(b) a corporation
(c) the U.S. Department of Defense
(d) the University of Michigan

Q.4. Which description does NOT apply to the Internet?
(a) an interconnected system of networks that allows for communication through e-mail, listservs and the World Wide Web
(b) a public network neither owned nor run by any one group or individual
(c) a vast network that connects millions of computers around the world
(d) a catalog of information organized and fact-checked by a governing body

Q.5. Which one of the following is a search engine?
(a) Macromedia Flash
(b) Google
(c) Netscape
(d) Librarians' Index to the Internet

Q.6. Which of the following is a TRUE statement?
(a) You are free to copy information you find on the Web and include it in your research report.
(b) You do not have to cite the Web sources you use in your research report.

(c) You should never consult Web sources when you are doing a research report.

(d) Just like print sources, Web sources must be cited in your research report. You are not free to plagiarize information you find on the Web.

Q.7. What is a URL?
(a) a computer software program
(b) a type of UFO
(c) the address of a document or "page" on the World Wide Web
(d) an acronym for Unlimited Resources for Learning

Q.8. What are the three main search expressions, or operators, recognized by Boolean logic?
(a) FROM, TO, WHOM
(b) AND, OR, NOT
(c) SEARCH, KEYWORD, TEXT
(d) AND, OR, BUT

Q.9. Which of the following is a true statement about the Internet and the library?
(a) They both have an expert librarian or specialist to answer your questions.
(b) They both provide upto the minute news and information.
(c) They both close after hours.
(d) They both provide access to newspapers, magazines, and journals.

Q.10. http://www.eduhealfoundation.org is an example of what?
(a) a URL
(b) an access code
(c) a directory
(d) a server

Q.11. Search engine which scans multiple search engines simultaneously and provides results based on the keyword(s) submitted is called
(a) Micro search engine
(b) Meta search engine
(c) Total search engine
(d) None of these

Q.12. HTML is used to
(a) Author webpages
(b) Plot complicated graphs

(c) Solve equations
(d) Translate one language into another

Q.13. The "http" you type at the beginning of any site's address stands for
(a) Hyper Text Transfer Protocol
(b) HTML Transfer Technology Process
(c) Hyperspace Techniques and Technology Progress
(d) Hyperspace Terms and Technology Protocol

Q.14. "www" stands for
(a) World Wide Wait
(b) World Wide Web
(c) World Wide War
(d) World Wide Wares

Q.15. ISP stands for
(a) Integrated Service Provider
(b) Internet Service Provider
(c) Internet Security Protocol
(d) Internet Survey Period

Q.16. Google (www.google.com) is a
(a) Number in Math
(b) Search Engine
(c) Chat service on the web
(d) Directory of images

Q.17. Internet Explorer is a
(a) News Reader
(b) Web Browser
(c) Graphing Package
(d) Any person browsing the net

Q.18. Modem stands for
(a) Memory Demagnetization
(b) Modulator Demodulator
(c) Monetary Devaluation Exchange Mechanism
(d) Monetary Demarcation

Q.19. On which of the following sites can you set up your email account:
(a) www.gre.org (b) www.explorer.org
(c) www.hotmail.com (d) www.edusys.in

Q.20. The speed of your net access is defined in terms of
(a) MHz (b) Megabytes
(c) RAM (d) Kbps

Q.21. E-mail is used to communicate over internet
(a) Yes   (b) No
(c) Can't say   (d) None of these

Q.22. Which of the following is not a method of accessing the web?
(a) ISDN   (b) CPU
(c) DSL   (d) Modem

Q.23. Yahoo (www.yahoo.com) is a
(a) Super Computer
(b) Portal
(c) Organization that allocates web addresses
(d) Website for Consumers

Q.24. What is the name given to the temporary storage area that a web browser uses to store pages and graphics that it has recently opened?
(a) Niche   (b) Cache
(c) Cellar   (d) Webspace

Q.25. A computer on the Internet that hosts data, that can be accessed by web browsers using HTTP is known as:
(a) Web Rack   (b) Web Space
(c) Web Server   (d) Web Computer

Q.26. Linux is
(a) An Operating System
(b) A Web Browser
(c) A Web Server
(d) A non profit organization

Q.27. Microsoft Windows is
(a) An Operating System
(b) A Web Browser
(c) A Web Server
(d) A Spreadsheet Package

Q.28. A domain name ending with "org" is
(a) An organization
(b) A commercial website
(c) A network site
(d) A site which has very high traffic

Q.29. At which of the following sites would you most probably buy books?
(a) www.hotmail.com   (b) www.sun.com
(c) www.msn.com   (d) www.amazon.com

Q.30. Which of the following is true?
(a) Download means to copy a file from your computer to another.
(b) ISP stands for Internet Service Protocol.
(c) Hypertext is a text with many images and sounds.
(d) HTTP stands for Hypertext Transfer Protocol.

Q.31. Which of the following is false?
(a) E-mail is used to communicate over the Internet.
(b) Browser is a software program for getting information from the WWW.
(c) Network is a group of computers set up to communicate with one another.
(d) FTP is a means of transferring fun pages from one computer to another.

Q.32. Internet Browsers are used...
(a) to create web page graphics
(b) to file and sort web pages
(c) to view web pages
(d) for all of the above

Q.33. A ZIP is a program used to...
(a) speed up the computers memory
(b) speed up disk access
(c) archive and compress files
(d) to do all of the above

Q.34. A device that Modulates and Demodulates computer information (MODEM) is used to...
(a) change computer information to send it through a telephone line
(b) convert computer data to an analog signal and back to a digital signal
(c) connect two computers together through telephone lines
(d) do all of the above

Q.35. To download is to..
(a) bring information from the Internet to your computer
(b) send a file to another computer on the Internet
(c) both send and receiving files on the Internet
(d) do all of the above

Q.36. Netscape Communicator and Internet Explorer are...
(a) two styles of fonts commonly used on the Internet
(b) the browsers most commonly used on the Internet
(c) types of word processors used on the Internet
(d) all of the above

Q.37. Search Engines are used to...
(a) search and index web documents
(b) find web pages for Internet users
(c) display links to web pages that match your search
(d) All of the above

Q.38. E-mail is...
(a) electronic mail
(b) the print out from a fax machine
(c) a letter printed from a computer
(d) all of the above

Q.39. News Groups are...
(a) provided only by large international news services
(b) are online discussions about various topics
(c) are only available from 9am to 5pm IST.
(d) all of the above

Q.40. The World Wide Web (WWW) is...
(a) a part of the Internet
(b) the Internet
(c) not a part of the Internet
(d) all of the above

Q.41. Uniform Resource Locators (URL) are...
(a) the same as Search Engines
(b) used to find specific documents and resources on the WWW
(c) never more than 11 characters long
(d) all of the above

Q.42. What is the name of the language you use to write a web page?
(a) HTML   (b) FTP
(c) URL   (d) HTTP

Q.43. A word that looks underlined on a web page is usually what?
(a) an important word
(b) the web address
(c) a "link" to another web page
(d) a mistake

Q.44. What is http://greenwichschools.org?
(a) a web crawler   (b) a URL
(c) a search engine   (d) a domain

Q.45. What happens if you put quotation marks around the search term 'International Cyber Olympiad' for example,

(a) Cyber and Olympiad are searched separately.
(b) International Cyber and Olympiad are searched together as one term.
(c) International and National Rome are searched.
(d) None of these

Q.46. What does selecting underlined blue text or an icon in a site allow you to do?
(a) surf   (b) print
(c) download   (d) link

Q.47. Truncation means:
(a) packing to go on vacation.
(b) shortening a word for search purposes.
(c) selecting a search engine.
(d) the number of hits on your list

Q.48. ....permits your computer to log onto another computer and use it as if you were there.
(a) Telnet or remote login
(b) Electronic mail
(c) Gopher
(d) None of these

Q.49. BITNET and CSNET, were initiated in
(a) 2000-2001   (b) 1980-81
(c) 1800-1801   (d) None of these

Q.50. ....allows your computer to rapidly retrieve complex files intact from a remote computer and view or save them on your computer.
(a) FTP or File Transfer Protocol
(b) Telnet or remote login
(c) Electronic mail
(d) None of these

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ANSWERS

1. (c)   2. (a)   3. (c)   4. (d)   5. (b)   6. (d)   7. (c)   8. (b)
9. (d)   10. (a)   11. (a)   12. (a)   13. (a)   14. (b)   15. (b)   16. (b)
17. (b)   18. (b)   19. (c)   20. (d)   21. (c)   22. (b)   23. (b)   24. (b)
25. (c)   26. (a)   27. (a)   28. (a)   29. (d)   30. (d)   31. (d)   32. (c)
33. (c)   34. (d)   35. (a)   36. (b)   37. (d)   38. (a)   39. (b)   40. (a)
41. (b)   42. (a)   43. (c)   44. (b)   45. (b)   46. (d)   47. (b)   48. (a)
49. (b)   50. (a)

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E-mail

CHAPTER 3

Q.1. What is the good way to protect sensitive information sent via email
(a) Encrypt it
(b) Write it in another language
(c) Don't include your return address
(d) All of the above

Q.2. Why would your e-mail be returned to you?
(a) The recipient's address is misspelt
(b) The recipient has changed his address
(c) The recipient mailbox is full
(d) All of the above

Q.3. Why are e-mail attachment harmful?
(a) They may overload your computer
(b) They may contain virus
(c) They may cost you money
(d) All of these

Q.4. Which one below indicates an email address?
(a) www.edusys.in/email   (b) http://edusys.in.edu
(c) info@edusys.in   (d) \jsmart\email

Q.5. Which software below is an email client?
(a) Windows 98   (b) Internet Explorer
(c) MS-Office   (d) Outlook

Q.6. How can you send email to more than one recipients at the same time?
(a) By sending an email with a notice to be forwarded to the rest of the recipients
(b) This is not possible at this time in Outlook Express
(c) By adding a second recipient in the "cc" field
(d) By adding all recipient's email addresses in the "To" field separated by semicolons.

Q.7. What files can you attach to an email?
(a) Any file
(b) Only Word documents
(c) Only files smaller than 25KB
(d) Only MS-Office documents

Q.8. Can you get infected by a virus via email?
(a) No
(b) Only if the email has an infected attached executable program
(d) Only if the email has attached an infected Word document
(d) both (b) & (c)

Q.9. How can you organize your email in folders of your choice?
(a) By creating your own folders under File/Folder/New
(b) By using Windows Explorer and creating new folders
(c) By downloading folders via your address book
(d) None of the above

Q.10. Why some email addresses complete automatically as you type them and others not?
(a) The AutoComplete works only for addresses not stored into your address book
(b) The AutoComplete works only for addresses inside your computer
(c) The AutoComplete works only for addresses already stored into your address book
(d) The AutoComplete works only when you reply to an email

Q.11. How can you set your Outlook Express to always spell check before sending?
(a) By pressing the F7 key
(b) By going to Tools/Options/Spelling
(c) By highlighting the text and using the Spell Checker
(d) You cannot do this at this time

Q.12. If you enclose a graphic with your email you need to make sure that:
(a) Your recipient has a colour printer
(b) You have enough memory in your computer to send it
(c) Your recipient is close by in order to avoid data corruption
(d) Your recipient's client email software can display graphics

Q.13. Your email client has been open for a while. Is the information displayed up to date?
(a) It is always up to date since the client is "*what you see is what you get*"
(b) You need to restart your client in order to receive any new email

(c) Not necessarily. You need to click on "Send and Receive" to check for new mail

(d) The client checks the server every ten minutes for new email, so you have to wait

Q.14. When you receive an e-mail, the header tells you where it came from, how it was sent, and when. It's an
(a) Electronic envelope
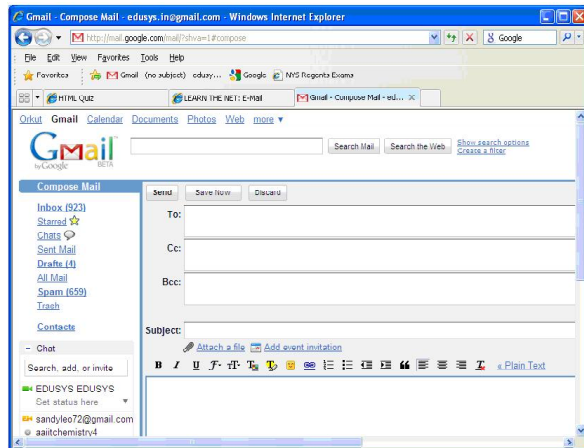(b) electronic postmark.
(c) Internet awareness
(d) None of these

Q.15. You should avoid giving details of ……………in your e-mail
(a) Account number
(b) Credit card number
(c) Secret password
(d) All of these

Q.16. A letter or the symbol which is never included in the web address is
(a) . (full stop)
(b) //
(c) @
(d) All of these

Q.17.

Whose e-mail box is this
(a) Gmail
(b) Edusys.in
(c) Eduhealfoundation
(d) Information incomplete

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ANSWERS

1. (a) 2. (d) 3. (b) 4. (c) 5. (d) 6. (d) 7. (a) 8. (d)
9. (a) 10. (c) 11. (b) 12. (d) 13. (c) 14. (b) 15. (d) 16. (c)
17. (b)

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INTERNATIONAL CYBER OLYMPIAD (ICO) SAMPLE PAPER

Total duration : 60 Minutes   **Total Marks :** 50

SECTION - A
GENERAL IQ.

1. *Choose the correct alternative.*
   Food : Stomach : : Fuel : ?
   (a) Plane   (b) Truck
   (c) Engine   (d) None of these

2. Arun purchased 30 kg. of rice at the rate of Rs. 18.50 per kg. and 20 kg. of rice at the rate of Rs. 22.50 per kg. He mixed the two. Approximately, at what rate per kg. should he sell the mixture to make 25 per cent profit?
   (a) Rs. 25   (b) Rs. 28
   (c) Rs. 29   (d) None of these

3. Which of the following will not be a number of the series 1, 8, 27, 64,125,...........?
   (a) 256   (b) 512
   (c) 729   (d) None of these

4. In a certain code, RIPSLE is written as 613082 and WIFE is written as 4192, how is PEWSLE written in that code?
   (a) 324082   (b) 320482
   (c) 324820   (d) None of these

5. If in a certain code, '*bir le nac*' means '*green and tasty*', '*pic nac hor*' means '*tomato is green*' and '*coc bir hor*' means '*food is tasty*'. Which of the following means '*tomato is tasty*' in that code?
   (a) *bir le hor*   (b) *pic hor nac*
   (c) *hor bir pic*   (d) None of these

6. *Following question is based on the alphabet series.*
   **A B C D E F G H I J K L M N O P Q R S TUV WX Y Z**
   Which letter is sixteenth to the right of the letter which is fourth to the left of I?
   (a) *S*   (b) *T*
   (c) *U*   (d) None of these

7. If *a* means 'plus' *b* means 'minus', *c* means 'multiplied by' and *d* means 'divided by', then 18 *c* 14 *a* 6*b* 16*d* 4 = ?
   (a) 63   (b) 254
   (c) 288   (d) None of these

8. In the following question, a set of figures carrying certain characters, is given. Assuming that the characters in each set follow a similar pattern, find the missing character in the question.

84	
14	12

A

81	
18	9

B

88	
?	11

C
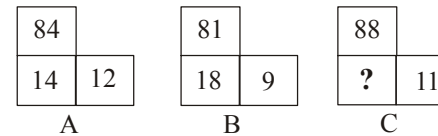
(a) 16   (b) 21
(c) 61   (d) None of these

9. In this question, five figures in a sequence were given. Select amongst the answer figure which will continue the same series.
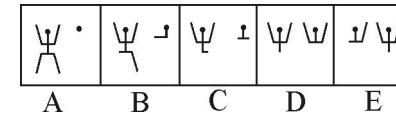
(a)   (b)

(c)   (d) None of these

10. In the following diagram, parallelogram represents women, triangle represents sub-inspectors of police and circle represents graduates. Which numbered area represents women graduate sub-inspectors of police?
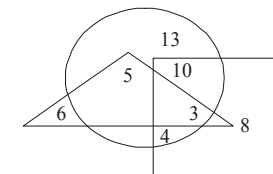
(a) 5   (b) 3
(c) 8   (d) None of these

SECTION - B
COMPUTERS

11. Which one of the following is a read only memory storage device?
    (a) Floppy disk   (b) Hard disk
    (c) CD ROM   (d) None of these

12. Bhawana wants to put above picture in her HTML page. So, what code she should type in her Notepad Window?
    (a) <IMG SRC = "path of the file" > <11M >
    (b) <A> <IMG SRC = "file path"> <11MG> <1A>
    (c) Both (a) and (b)
    (d) None of these

13. HTML accepts which of the following as picture file format?
(a) .GIF
(b) .JPG
(c) Both (a) and (b)
(d) None of these

14. Machine language –
(a) Is the language in which programs were first written
(b) Is the only language understood by the computer
(c) Differs from one type of computer to another
(d) All the above

15. Which of the following statement is true?
(a) Cache Memories are bigger than RAM
(b) Cache Memories are smaller than RAM
(c) ROM are faster than RAM
(d) Information in ROM can be written by users.

16. Aryan opened the Internet Explorer. First page to open is called
(a) User web page
(b) First web page
(c) Beginning page
(d) Home page

17. FTP is used for
(a) Uploading files only
(b) Downloading files only
(c) Both (a) and (b)
(d) None of these

18. How many characters can be typed in a single cell in Excel?
(a) 256
(b) 1024
(c) 32000
(d) 65535

19. Sudeep Biswas wants black background of his HTML file. Which tag he should use?
(a) <BODY bgcolor = "black">
(b) <BODY background color = "black">
(c) <BODY bgcolor = black>
(d) <BODYbackcolor = "black">

20. "I LOVE YOU" is an example of _____
(a) Worms
(b) Virus
(c) Search Engine
(d) Programming Language

21. HTML Stands for.
(a) Hyper Text Manipulation Language
(b) Hyper Text Markup Language
(c) Hyper Terminal Markup Language
(d) None of these

22. The home page of a website is to be named as
(a) Index.HTML
(b) HTML / Index
(c) Index.geocities
(d) None of these

23. Dhruv wants to send mail to his friends. Which of the following he should use?
(a) Inbox
(b) Compose mail
(c) Sent items
(d) None of these

24. In HTML <TH> tag is used for:
(a) Table Row
(b) Table Cell
(c) Table Header
(d) Table Lines

25. Main memory stores
(a) Data only
(b) Program only
(c) Data, Program and results or any other kind of information
(d) None of these

26. Which one of the following is not a high level language ?
(a) FORTRAN
(b) PROLOG
(c) LISP
(d) None of these

27. Janvi wants to delete her file name as "Computer" permanently. What shortcut key should she use?
(a) Shift + Delete
(b) Ctrl + Delete
(c) Alt + Delete
(d) None of these

28. Identify the incorrect statement?
(a) Headers are the ones that are printed in the top margin of the page and footers are printed in the bottom margin.
(b) Headers and footers normally carry information like page number, date, company name etc.
(c) A single page document will not normally have the header or footer.
(d) Microsoft Word will not allow you to have header and footer on a single page document.

29. When you create a chart on a separate sheet in the same workbook it is called a
(a) Chart sheet
(b) Embedded chart
(c) View sheet
(d) View chart

30. The first network that planted the seeds of Internet was –
(a) ARPANET
(b) NSFnet
(c) U net
(d) Inet

31. The server on the Internet :
(a) Host
(b) Repeater
(c) Gateway
(d) None of these

32. Pratima is working in Excel file. She saved and closed that file. After one hour, she wants to reopen it but she has forgotten its exact path. How she would be able to get the file quickly?
(a) Through My Recent Document
(b) Through help and support
(c) Control Panel
(d) None of these

33. Which of the following is not an anti-virus?
(a) IBM   (b) Norton   (c) McAfee   (d) None of these

34. Which one of the statement is true?
(a) <HEAD> <HTML> </HEAD </HTML>
(b) <HTML> <HEAD> </HEAD> </HTML>
(c) <HTML> <HEAD> </HTML> </HEAD>
(d) None of these

35. Expansion card is the part of
(a) CPU   (b) Processor   (c) Hard disk   (d) None of these

36. Which of the following will not help your computer security?
(a) Firwall   (b) VLAN
(c) Good password   (d) Updated software

37. Which one of the following is the most popular LAN Protocol?
(a) RING Topology   (b) Ethernet
(c) BUS Topology   (d) Internet

38. Which menu option can be used to split window?
(a) format > window   (b) view > window > split
(c) window > split   (d) view > split

39. Sanjay wants to use data validation. Which menu should he choose for data validation?
(a) Tools   (b) Data   (c) Table   (d) Edit

40. Add, subtract, divide, multiply and logic operations are performed by:
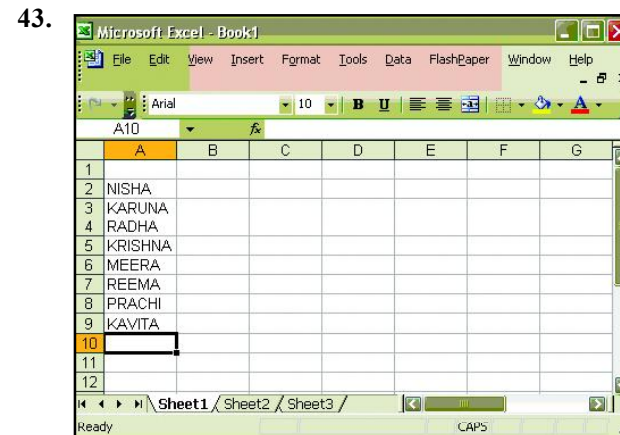(a) Registers   (b) Control units
(c) ALU   (d) None of these

SECTION - C
INTERACTIVE SECTION

Use the window given below to answer questions 41 to 42:
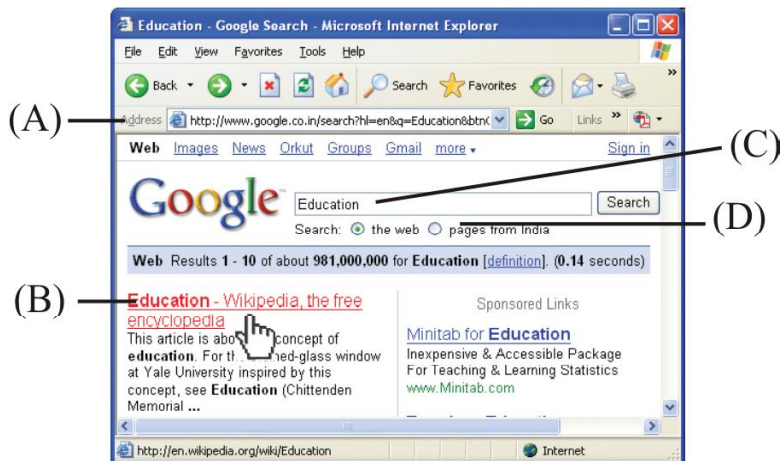
41. Which one of the following is called the hyperlink text ?
(a) D   (b) C   (c) B   (d) A

42. Google searches the relevant links from
(a) Pages from India only   (b) Complete web
(c) Only sponsored links   (d) Can't say as data is insufficient

43.

Sania made a list of her friends. She wants to count total number of her friends. What formula she has to put in cell A10?
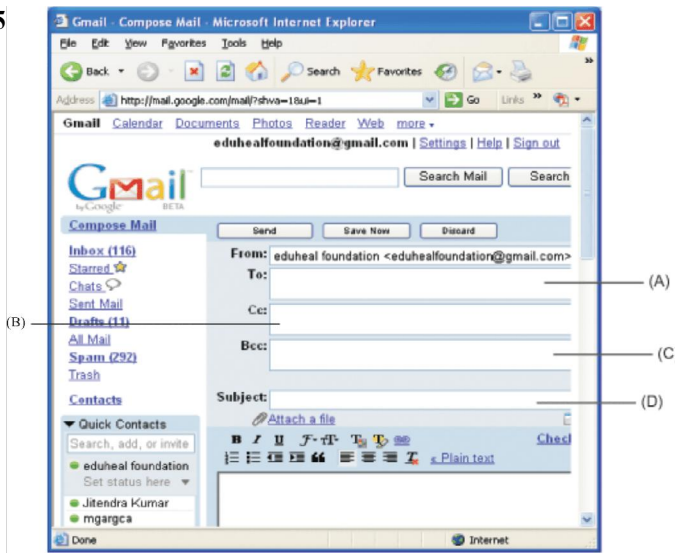(a) = Count (A2 : A9)   (b) Count A (A2 : A9)
(c) − Count A (A2 : A9)   (d) None of these

44.
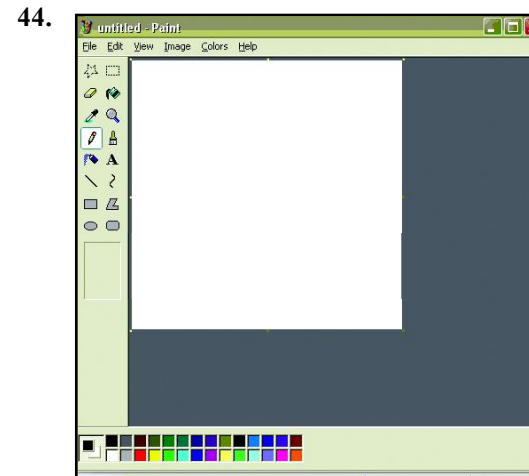
Sujata opened the Paint and wants the above document to be opened as full screen. Which shortcut key would she use?
(a) Ctrl + Pagedown   (b) Ctrl + Page UP
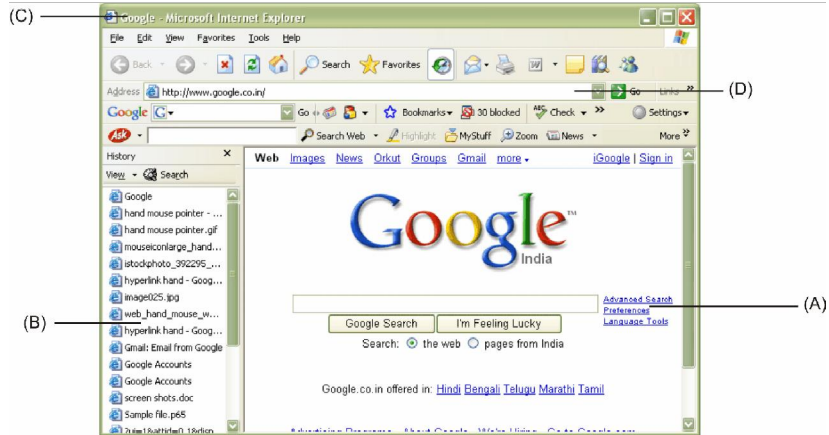(c) Ctrl + End   (d) Ctrl + Home.

45.

Elizabeth wants to mail same message to many friends. She does not want her friends to know the name of other recipients of the same mail. In which of the following she should write the e-mail addresses of her friends?
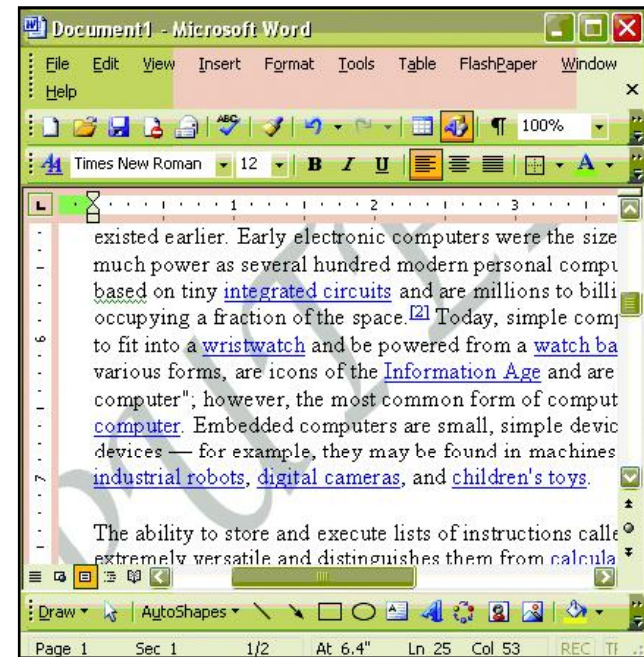
(a) A   (b) B   (c) C   (d) D

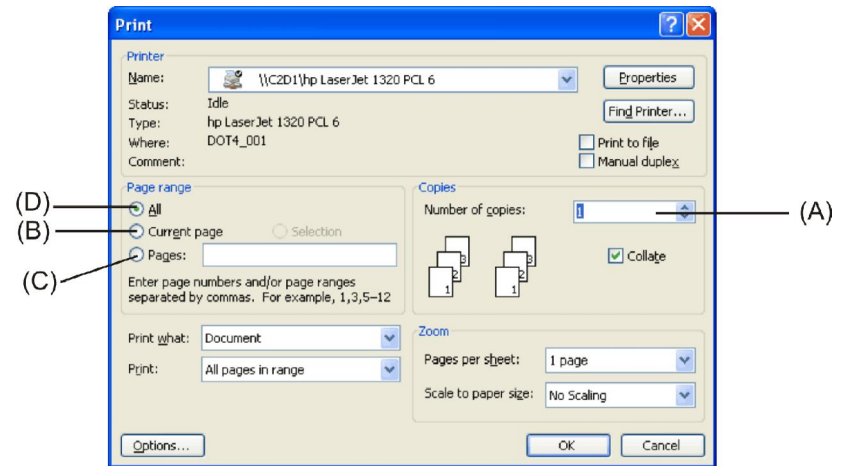46. Using the diagram tell which one of the following is the history list?

(a) A   (b) C   (c) D   (d) B

47. Jaishree made her computer project. She wants to have "Computer Project"in the background of the every sheet (as shown in fig.). This is known as

(a) Emboss   (b) Engrave
(c) Watermark   (d) None of these

48. Pollock wrote an article.

Pollock wants to print only the page which is displayed on his monitor. Which one of the following he should choose?
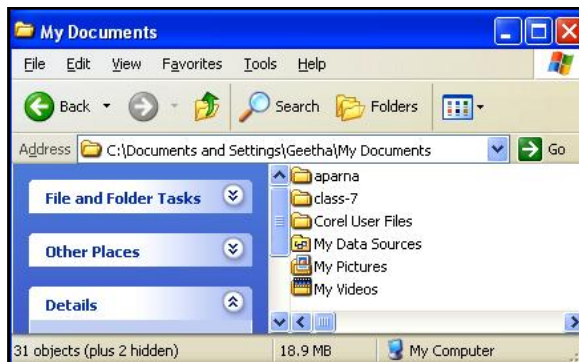
(a) B   (b) C   (c) D   (d) A

49.

Nikhil wants to edit the text written in first row of the table. Which of the following he has to do to bring the cursor in this row?

(a) Right click in that row   (b) Double click in that cell/row

(c) Both of these   (d) None of these

50.
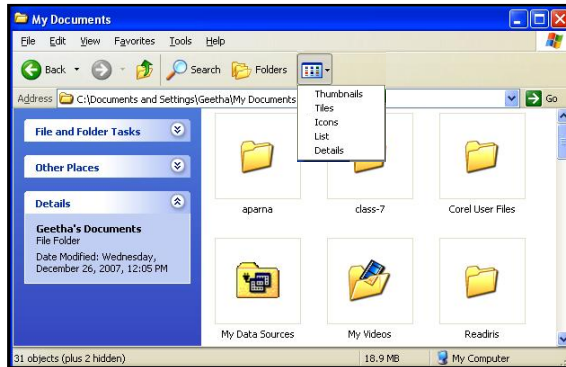
(i)

(ii)

Two windows (i) and (ii) are shown above. Geetha arranged her folders as shown in figure (ii). Which one of the following has been selected?

(a) Thumbnails   (b) Tiles   (c) Icons   (d) List

☺☺☺

ANSWERS

1. (c)	2. (a)	3. (a)	4. (a)	5. (c)	6. (c)	7. (b)	8. (a)
9. (c)	10. (b)	11. (c)	12. (a)	13. (c)	14. (d)	15. (b)	16. (d)
17. (c)	18. (d)	19. (a)	20. (b)	21. (b)	22. (a)	23. (b)	24. (c)
25. (c)	26. (d)	27. (a)	28. (d)	29. (a)	30. (a)	31. (a)	32. (a)
33. (d)	34. (b)	35. (a)	36. (b)	37. (b)	38. (c)	39. (b)	40. (c)
41. (c)	42. (b)	43. (d)	44. (a)	45. (c)	46. (d)	47. (c)	48. (a)
49. (b)	50. (d)						

☺☺☺