



As per latest guidelines of NEP & NCF



5



Orchid

# Terabyte

(A Series of Computer Books)

## ANSWER KEY



HTML



RAR



TTF



AI



JPG



SVG



DLL



# 1 EVOLUTION OF COMPUTER

## Section - A

### (A) Multiple choice questions:

(a) 2. (c) 3. (a) 4. (a) 5. (d) 6. (a)

### (B) Fill in the blanks:

- i) Abacus
- ii) Blaise Pascal
- iii) Charles Babbage
- iv) Lady Ada Lovelace
- v) EDVAC
- vi) First Generation
- vii) Fifth Generation
- viii) Super

### (C) State whether following statements are T or F:

1.(T) 2. (T) 3. (F) 4. (F) 5. (T) 6. (F) 7. (T) 8. (F) 9. (F) 10. (F) 11.(T)

### (D) Application based questions:

1. Arun can use Abacus to do calculations.
2. These computers are being put in fifth generation of computers.
3. Yes, Naveen is right. The person to introduce storage concept first in computers is John Von Neumann.

### (E) Match the following:

1.(c) 2. (d) 3. (a) 4. (e) 5. (b)

### (F) Answer the following:

1. Leibniz calculator was developed by German mathematician Gottfried Von Leibniz in 1671. It was an improvement over Pascal's adding machine. It is capable of performing all the four arithmetic operations i.e, addition, subtraction, division & multiplication.
2. Charles Babbage is known as the 'Father of computer Science' due to similarity of today's computer with Analytic Engine. He was first one to invent Analytic Engine which led to the invention of the modern-day computer.
3. Features of fourth generation computers (1971-2010)
  - i) VLSI Chips were employed in the creation of this computer.
  - ii) Computers in the fourth generation are small and compact in design.
4. Universal Automatic Computer - UNIVAC
5. There are 5 beads in each rod of Heaven and Earth.
6. Four types of computer are :
  - i) Micro Computers :- It is small in size, generally designed for personal use also known as personal computers (i.ePC).

- ii) Mini Computers :- It is medium in size & faster than micro computer. It is multi-user and support up to 20 terminals.
  - iii) Main frame Computers :- is large in size, powerful general purpose computer. mainly used in online ticket preservation & stock exchange.
  - iv) Super Computer :- Large sized & powerful computer generally used whether forecasting.' Satellite launching.
7. Features of Mini Computer :-
- i) It is a medium - sized computer.
  - ii) It is faster than micro computer.
  - iii) It uses microprocessor in CPU for both storage as well as manipulation of data.
  - iv) It is multi-user and can support up to 20 terminals.
8. Feature of second generation computer
- i) It uses transistors which is cheaper, smaller & less heat generator than Vaccum tube.
  - ii) It is fast in operation, low in cost & high in reliability
9. Two features of Mark - 1 Computer :-
- i) It was capable of multiplying twenty digit numbers in just 5 seconds.
  - ii) It was about 15 meters long and has wiring length of about 800 kilometers.



## 2 HARDWARE AND SOFTWARE

### Section - A

**(A) Multiple choice questions:**

- 1.(b) 2. (a) 3. (b)

**(B) Fill in the blanks:**

1. Software
2. Hardware
3. Application, system
4. System
5. System

**(C) State whether following statements are T or F:**

- 1.(T) 2. (F) 3. (F) 4. (F) 5. (T) 6. (T) 7. (T)

**(D) Application based questions:**

1. System Software is responsible for such facility.
2. Utility Software is providing such facility.
3. Computer is missing a system software.

**(E) Match the following:**

1. (d) 2. (c) 3. (b) 4. (a)

**(F) Answer the following:**

1. Hardware are the physical components of computer such as CPU, Input devices, output devices. It can be seen as well as can be touched. It can understand only machine language. For eg :- Keyboard, Mouse, CPU
2. Set of instructions provided to computer to perform various functions this is known as program or software software are of two types : System and application software.
3. Application software is user - oriented. It is written in High - level language. It is a software that fulfills the need of users to perform a specific task such as to prepare a document or work sheet For eg :- MS Word, MS-Power Point.
4. System Software is system oriented. It is written in low level language. It is difficult to understand & manipulate. It hides all complexities provides user friendly environment and control the processing capabilities of computer itself.
5. Features of application software are :
  - i) It is user oriented.
  - ii) It is more interactive.
  - iii) It is easy to understand and manipulate.
  - iv) It is written in High Level Language (HLL)
6. Features of system software are :
  - i) It is system oriented.
  - ii) It is written in Low Level Language.
  - iii) It is less interactive.
  - iv) It is difficult to understand & manipulate.



# 3 CONTROL PANEL

## Section - A

**(A) Multiple choice questions:**

- 1.(a) 2. (c)

**(B) Fill in the blanks:**

- 1.Look
- 2.Commands
- 3.Date, time
- 4.Buttons
- 5.Personalize

**(C) State whether following statements are T or F:**

- 1.(T) 2. (T) 3. (F) 4. (F) 5. (T)

**(D) Application based questions:**

1. Atul can perform following steps to change screen saver:
  - i) Right-click on an empty area of the desktop, and then click on Personalize.

- ii. Click on Screen saver.
  - iii. Select the screen saver to be used from the menu.
  - iv. Click Settings to open a settings window for the selected screen saver.
  - v. Click Preview to see how the screen saver will appear on the computer screen.  
move the mouse to return to the Display Properties panel after finishing the preview.
  - vi. Select the number of minutes to 1 min in the Wait box.
  - vii. Click OK to save the settings and close the Display Properties window.
2. To increase the time Neena should follow these steps:
- i. Right-click on an empty area of the desktop, and then click on Personalize.
  - ii. Click on Screen saver.
  - iii. Select the screen saver to be used from the menu.
  - iv. Click Settings to open a settings window for the selected screen saver.
  - v. Click Preview to see how the screen saver will appear on the computer screen.  
move the mouse to return to the Display Properties panel when finished previewing the screen saver.
  - vi. Select the number of minutes in the Wait box (increase the time).
  - vii. Click OK to save the settings and close the Display Properties window.
3. Neha should follow these steps to change the date and time:
- i. Right-click and hold the clock on the taskbar, click on Adjust Date/Time.
  - ii. The Date and Time dialog box will appear on the screen.
  - iii. Click on the Change date and time settings button.
  - iv. To change the date: under the Date section, select a month and a day for your current date. to change the time: under the Time section, select or type your present time.
  - v. Click on Change.

**(E) Answer the following:**

1. Control Panel in window 11 is the place to go when we need to make changes in various settings of our computer system. We can make changes and can control window commands in the control panel.
2. Steps to open control panel :
  - i) Click the start button on the taskbar.
  - ii) In the all applist scroll down to the window system folder and open it.
  - iii) These you will find the control panel shortcuts.
3. Display properties in window allow us to configure a wide variety of settings that affect the desktop, display and appearance on the screen. We can change background of the desktop, screen savers, sound schemes and more.
4. Steps to change the screen saver :
  - i) Right - click on empty area of the desktop, and then click on personalize.
  - ii) Click on Screen Saver.
  - iii) Select the screen saver to be used from the menu.

- iv) Click setting to open setting window for the selected Screen Saver.
  - v) Click preview to see how the Screen Saver will appear on the screen.  
Move the mouse to return to the display properties panel when finished previewing the Screen Saver.
  - vi) Select the number of minutes in the wait box.
  - vii) Click OK to save the settings and close the display properties window.
- 5.Steps to change date and time :
- i) Right - click or press and hold on the clock on the taskbar, click on adjust Date/Time.
  - ii) The Date and Time dialog box appears on the screen.
  - iii) Click on the change date and time setting button.
  - iv) To change the date; Under the left date section select a month and day for your current date.
  - v) To change change time; Under the right time section select or type your present time.
  - vi) Click on change.

### Section- B

- 1.Google Chrome
- 2.Desktop Background
- 3.Start Menu
- 4.Date and Time



# 4

## Answer Key MORE ABOUT WORD

Class - 5

### Section - A

**(A) Multiple choice questions:**

1.(d) 2. (d) 3. (b) 4. (b)

**(B) Fill in the blanks:**

- 1.Formatting
- 2.Format Painter
- 3.Subscript
- 4.F
- 5.Print Preview
- 6.Replace

**(C) State whether following statements are T or F:**

1.(F) 2. (T) 3. (T) 4. (T) 5. (F) 6. (F)

**(D) Match the following:**

1.(c) 2. (d) 3. (a) 4. (b)

**(E) Application based questions:**

- 1.Replace all feature of word can help her to replace all occurrence of this misspelled word with other word quickly.
- 2.He can type number of pages in page range.
- 3.Formatting is the feature of word that can do this magic for her.

**(F) Answer the following:**

1. Collate option in print dialog box means to collect and assemble printed sheets of paper within a predetermined order or sequence.
2. Find whole words only results in searching and replacing for whole words only.
3. Format painter is an option which provides the same formatting to another part in word. It allows you to copy formatting effects on the text to another text in the same document or even other document.
4. Print Preview is a facility that displays the document on screen as it will appear on printing without actual printing.
5. Yes, it is possible to replace all occurrence of text with another text in a document.



# 5

Answer Key

## STYLES AND OBJECTS IN WORD

Class - 5

Section - A

**(A) Fill in the blanks:**

1. Clip Art
2. Word Art
3. Symbols

**(B) State whether following statements are T or F:**

1. (T) 2. (F) 3. (T) 4. (T)

**(C) Match the following:**

1. (b) 2. (c) 3. (a)

**(D) Application based questions:**

1. Word Art is the feature of word that can help her to do so.
2. Clip Art feature of word helps us in providing built-in pictures.
3. Symbol feature of word can help him.

**(E) Answer the following:**

1. Clip Art is a word's feature that provides readymade picture of almost every category. These pictures can be inserted anywhere in the document as desired.
2. Word Art is a feature that allows us to give a unique look to our text by applying special text effects such as curved, wavy, shadowed, 3-D.
3. Yes, it is possible to enter characters in document that are not available on keyboard by inserting symbols and special characters in symbol group.
4. Steps to apply special effects to some text :
  - i) Click on Insert tab.
  - ii) Click on Word Art button in text group.
  - iii) Click on desired word style our text here box appears. It asks you to type the text, on which you want to apply Word Art.
  - iv) Type the text.
  - v) If required, change font size, color, etc. Using font options.
  - vi) Click on Ok button to finalize the process. Type text is displayed in the desired style.



# 6 MORE ABOUT POWER POINT

## Section - A

### (A) Multiple choice questions:

1. (d) 2. (a) 3. (a) 4. (a) 5. (d)

### (B) Fill in the blanks:

1. Slide Transition
2. Effect
3. Sound
4. Audio
5. Clip Art

### (C) State whether following statements are T or F:

1. (T) 2. (F) 3. (F) 4. (T) 5. (T)

### (D) Application based questions:

1. Slide Transition feature of Power Point can help him.
2. Insert sound option he should select from the menu.
3. She should select video command in media group under insert tab for this purpose.

### (E) Answer the following:

1. Slide transition is a concept of applying special effects at the time of exist of slide & entry of next slide in presentation during slide show.
2. Steps to Insert pictures in slide :
  - i) Move cursor to location in slide where you want to insert picture.
  - ii) Click on Insert tab.
  - iii) Select picture option in images group. A submenu is displayed.
  - iv) Select clip Art option in the submenu. Clip Art task pane is displayed
  - v) Enter keyword related (eg building to display list of pictures of some buildings) to desired picture in search for box.
  - vi) Click on Go button List of pictures related to entered keyword is displayed.
  - vii) Double click on most suitable picture from the list selected picture is inserted at the specified locatin.
3. Steps to insert sound in slide:
  - i) Select the slide to which you want to add sound.
  - ii) Click on insert tab.
  - iii) Click on drop down arrow in Audio command in Media clips group. A drop-down menu is displayed.
  - iv) Select Audio from file option from the drop-down menu. Insert Audio dialog box is displayed.
  - v) Select the desired Audio file.
  - vi) Click on Insert button to finally insert the desired sound to confirm the selections made once Power Point dialog box is displayed.

- vii) To start the sound automatically on slide appears once in the slide show select, automatically option.
  - viii) To start the sound only when you click, select when clicked option.  
A small size speaker icon is displayed. Double - click on this icon will play the sound.
4. Steps to insert video clip to slide :
- i) Select the slide where you want to add video - clip.
  - ii) Click on Insert tab.
  - iii) Click on drop-arrow in video command in media group.
  - iv) Select video from file option from the drop-down menu.
  - v) Click on desired video clip file.
  - vi) Click on Insert button to finally insert desired video clip.
5. Animate text and object is the effects that can make an object appear, disappear, or move. They can change an object or text size and color.



# 7

Answer Key

## ALGORITHM AND FLOWCHART

Class - 5

### Section - A

**(A) Fill in the blanks:**

1. Flow Chart
2. Start/stop symbol
3. Algorithm
4. Process
5. Connector

**(B) State whether following statements are T or F:**

1. (F) 2. (F) 3. (T) 4. (F) 5. (T)

**(C) Match the following:**

1. (d) 2. (e) 3. (a) 4. (c) 5. (f) 6. (b)

**(D) Application based questions:**

1. Connector Symbol will help him to connect these pages.
2. Flow lines symbol will help him to indicate the sequence.
3. No, it is not.

**(E) Answer the following :**

1. Flowchart is a pictorial representation of step by step procedure to solve a problem.  
This pictorial representation uses only standard symbols called flowchart symbols.
2. Algorithm is a step by step procedure written in some natural language to solve a problem.
3. Process symbol is rectangular in shape. It is used to indicate the assignment of a value to some variable either directly or through some expression.
4. Decision symbol is diamond in shape. It is used to indicate the decision point.  
Condition is written in this symbol.

5. Flow Chart
- It is a pictorial representation of step by step procedure to solve a problem.
  - It uses only standard symbols.

Algorithm

It is a step by step procedure written in some natural language to solve a problem.

It is written in some natural language.

- Do it yourself
- Do it yourself



# 8

## Answer Key

# INTERNET AND E-MAIL

Class - 5

### Section - A

#### (A) Fill in the blanks:

- Internet
- Username and Hostname
- E-mail address
- Recipient
- Sign out

#### (B) State whether following statements are T or F:

- (T)
- (T)
- (F)
- (F)

#### (C) Write the full forms:

- Carbon copy
- Blink carbon copy
- Electronic Mail

#### (D) Application based questions :

- E-mail mode is the cheapest and the fastest to solve her purpose.
- Sign-out button/symbol should he press to exit out of his e-mail acurent.
- CC (carbon copy) is the e-mail facility/button most suitable for this.

#### (E) Answer the following :

- Steps to create an e-mail account :
  - First you need to sign in your e-mail account.
  - Click an sign in link and enter your username and password in e-mail and password boxes respectively.

- CC
  - CC Stands for carbon copy.
  - It allows us to send copy of the mail to many recipients in single go.

BCC

BCC Stand for blind carbon copy.  
It allow us to send copy of the mail to many recipients in a single go with recipients not aware about other recipients of the mail.

3. Compose button provides facility to compose i.e write, send a mail. To write a mail we need to click on compose button. It opens the window with following parts ; To, subject, CC, BCC, Send, attachment, send.
4. Step to delete an E-mails :
  - i) Click on the check box available on left of E-mail to be deleted.
  - ii) Click on delete button
- 5) Spam are unwanted E-mail that you receive in your inbox are known as spam or Junk E-mails. These are the E-mails mostly sent by advertiser or hackers and may contain Viruses.



# 9

## Answer Key ROBOTICS

Class - 5

### Section - A

**(A) Multiple choice questions:**

- 1.(b) 2. (c) 3. (c) 4. (c)

**(B) Fill in the blanks:**

- 1.General Motors
- 2.Delta Robot
- 3.Six
- 4.Articulated Robots

**(C) State whether following statements are T or F:**

- 1.(T) 2. (T) 3. (T) 4. (T)

**(D) Application based questions:**

- 1.A SCARA robot is ideal because it is very fast and accurate in horizontal movements and can also move slightly up and down. This makes it perfect for quickly assembling small parts on a flat surface in a toy factory.
- 2.A computer is designed for typing essays, drawings, editing pictures and searching for information on the internet. Robots are mainly used for physical tasks, not academic work.

**(E) Answer the following:**

1. George Devel invented the first digital and programmable robot.
2. There are six types of industrial robots they are :-
  - i) Cartesian
  - ii) SCARA
  - iii) Cylindrical
  - iv) Delta
  - v) Polar
  - vi) Vertically Articulated
- 3.Polar Robot also known as articulated robot with rotary joints. They are powered by a variety of means, including electric motors.

4. SCARA
- i) SCARA robots are ideal for fast pick and place operations, assembly and packaging.
  - ii) Scara robot is smallest.
  - iii) Scara robots are generally less expensive.

DELTA

DELTA robots are well suited for tasks that require a large working envelope such as sorting and inspectoin.

Delta robot are typically the largest.

Delta robots tends to be most expensive.

5. Uses of Robotics :

- i) They are employed for jobs which are too dirty, dangerous or dull to be suitable for humans.
- ii) Robot can be widely used in manufacturing, assembly, packing, research and mass production of consumer and industrial goods.
- iii) Is used to create intelligent machines that can assist humans in a variety of ways.
- iv) Robots are also a big draw in the entertainment industry.
- v) Robotics is used for welding, painting, assembly, and testing in the automotive industry.

Section - B

- 1.CARTESIAN
- 2.PROGRAM
- 3.ENGINEERING
- 4.DELTA
- 5.SCARA



10

Answer Key

SKYPE AND BLOGS

Class - 5

Section - A

**(A) Multiple choice questions:**

- 1.(C) 2. (d) 3. (c) 4. (b)

**(B) Fill in the blanks:**

- 1.Tele - communication
- 2.News, hyper media
- 3.Blogging
- 4.Blog publishing
- 5.Post

**(C) State whether following statements are T or F:**

- 1.(F) 2. (T) 3. (T) 4. (F) 5. (F)

**(D) Application based questions:**

- 1.Blogging is the quickest and easiest way to do that.
- 2.Skype is the software suitable for such call.

**(E) Answer the following:**

1. Skype is an easy, effective and free communication service that allows us to make free calls, messages and file sharing to other skype accounts.
2. Blogger is the person who writes a blog.
3. Advantages of skype are :
  - i) Screen share : Skype provide screen sharing ability makes an easy meeting among remote located participants.
  - ii) Easy to install and use : It is quite easy to install skype.
4. Advantages of Blogging :
  - i) It provides a platform to share our views and ideas to people all over the world.
  - ii) A popular blogger can earn a lot of money from his/her blogs.
  - iii) It provides a platform to raise awareness, and influence public opinion.
5. Platform is the blogging software common blog publishing platforms are :- Word press, Square space and blogger.

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## Sample Paper - 1

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**(A) Choose the right answer:**

1. (b) 2. (c) 3. (b) 4. (b)

**(B) Fill in the blanks:**

1. Lady Ada Lovelace
2. System
3. Match case
4. Drop cap

**(C) State whether following statements are T or F:**

1. (F) 2. (T) 3. (F) 4. (T)

**(D) Answer the following:**

1. Fifth Generation computers (2010 to present) is in progress. These computers are supposed to be knowledge based. These are supposed to be capable of :- Natural Language Processing, Speech Recognition, Image Recognition.
2.

Computer	Calculator
i) It is Programmable	It is not programmable.
ii) It can display multiple result at a time.	It can display only one result at a time.
iii) It has large memory more memory can be attached.	It's memory is less.
iv) It supports networking	It does not support networking.
3. Operating System is a system software that hides all the complexities of computer from user and provides him a user-friendly interface with computer. It also keep record of various resources of computer such as CPU, memory etc..

\* Objectives of operating system :

- i) User-friendly environment : Primary objective of an operating system is to hide all hardware complexities from the user provide him user-friendly environment.
- ii) Efficient use : Secondary objective of operating system is to make better utilization of various resources such as CPU etc..

4. Application Software

- i) It is user oriented.
- ii) It is more interactive.
- iii) It is written in High-level Language (HLL).
- iv) Examples : MS Word, MS Excel

System Software

- It is system oriented.  
 It is less interactive.  
 It is written in Low Level Language (LLL).  
 Example: Operating System, Utility software.

5. Format Painter is the facility to quickly apply the same formatting such as color, font style and size or border style to multiple pieces of text or graphics. With this facility we can copy all of the formatting from one object and apply it to another one.

6. Steps to Replace text :

- i) Click on Home tab.
- ii) From editing group. Click on Replace button. Find and replace dialog box is displayed.
- iii) Select Replace tab in the dialog box.
- iv) Type the text 1 in find what box.
- v) Type the text 2 in replace with box.
- vi) Click on More button to display more options for search and replace.
- vii) Select suitable check boxes.
- viii) Click on find next button. It will highlight next occurrence of text 1.
- ix) Click on Replace button will replace text 1 at this occurrence with text 2. Repeated use of find text button and replace button will replace next occurrence of text 1 with text 2.
- x) Click on Replace all will replace all occurrence of text 1 in the entire document with text 2 in just one attempt.

7. Clip Art is the collection of readymade pictures It help inserting picture in slide increases the beauty of slide.

\* Steps to insert pictures from Clip Art :

- i) Move cursor to location in slide where you want to insert picture.
- ii) Click on Insert tab.
- iii) Select picture option in images group. A submenu is displayed.
- iv) Select Clip Art option in submenu. Clip Art task pane will displayed.
- v) Enter keyword related to desired picture in search for box.
- vi) Click on Go button. List of pictures related to entered keyword is displayed.
- vii) Double-click on most suitable picture from the list. Selected Picture is inserted at the specified location.

8. Drop cap is facility to make first alphabet of a paragraph to expand to 2 or more lines of the paragraph.
- i) Steps to apply a drop cap :
  - ii) Click anywhere in the paragraph.
  - iii) Click on Insert tab.
  - iv) Click on Drop cap button in text group. A Drop down menu is displayed.
  - v) Select Dropped option to apply the Drop cap.
  - vi) Click on Drop cap options.
  - vii) Set the number of lines and distance from the text using arrows.
  - viii) Click on Ok to confirm the selection made. Drop cap is applied as specified.

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## Sample Paper - 2

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**(A) Choose the right answer:**

1. (d) 2. (c) 3. (b) 4. (b)

**(B) Fill in the blanks:**

- 1.Video
- 2.Algorithm
- 3.Username and Hostname
- 4.Blogs

**(C) State whether following statements are T or F:**

- 1.(T) 2. (F) 3. (T) 4. (F)

**(D) Answer the following:**

- 1.Slide Transition or transition effect is a concept of applying special effects at the time of exit of a slide entry of a slide entry of next slide of the presentation during slide show. It can be applied to all slides or selected slide of the presentation.
- 2.Steps to Insert pictures from file :
  - i) Move cursor to a location in slide where you want to insert picture.
  - ii) Click on Insert tab,
  - iii) Select picture option, A submenu is displayed.
  - iv) Select from file option in the submenu.
  - v) Select the desired file or enter the complete location i,e drive name, folder name in file name box.
  - vi) Click on Insert button to finally insert picture in the slide.
- 3.Features of Algorith :
  - i) It is written in some natural language.
  - ii) It should have finite number of steps.
  - iii) Each instructions in algorithm should be well defined. i,ee
  - iv) It should be effective i.e it should produce the required output.
- 4.Do it yourself.

5. Advantages of E-mail :

- i) E-mails provides faster and easy mean of communication.
  - ii) Various folders and sub-folders can be created within inbox of mails.
  - iii) It is effective and cheap means of communication because single message can be send to multiple people at same time.
  - iv) E-mail is not just for textual message. One can send any kind of multimedia within mail.
  - v) It is secure and reliable method of deliver our message.
- 6.
- i) BCC :- Stands for blind carbon copy. It allow us to send copy of the mail to many recipients in a single go with recipients not aware about other recipients of the mail.
  - ii) Compose :- This button provide facility to compose i.e to write a mail. To write a mail, click on compose button.
  - iii) CC :- Stands for carbon copy. It allow us to send copy of the mail to many recipients in a single go with all recipients addresses to whom you want to send the copy of the E-mail.
7. Skype is an easy, effective and free communication service that allow us to make free calls, messages and file sharing to other skype accounts.

\* Advantages of skype :

- i) Free : Skype provides free communication among skype users all our the world.
  - ii) Secure Calling : It provides information transmissions through skype various security checks.
  - iii) Better Service : Skype uses wide-bomb technologies. This ensures good call quality.
  - iv) Group Calls : It provides group calls facility. It allows multiple users to communicate 24x7 with each other on a single connection without any other equiprment.
8. Blogs is a simple online diary that allows you to publish your views on a topic. It may include some hyper media and links. In Blog contents are generally displayed in reverse chronological order i.e recent or latest posted contents are displayed first.

\* Advantages of Blogging :

- i) It provides a platform to share our views and ideas to people all our the world.
- ii) A Popular blogger can earn lot of money from his/her blogs.
- iii) It is quite helpful in online marketing strategy.
- iv) It provides platform to raise awareness, and influence public opinion.

# 1. NATIONAL CYBER OLYMPIAD

- |                  |  |
|------------------|--|
| 1. (c)           | 16. (b)                                |
| 2. (b)           | 17. (b)                                |
| 3. (d)           | 18. (c)                                |
| 4. (b)           | 19. (a)                                |
| 5. (b)           | 20. (a)                                |
| 6. (c), (a), (d) | 21. (a)                                |
| 7. (b)           | 22. (a)                                |
| 8. (a)           | 23. (c)                                |
| 9. (c)           | 24. (b)                                |
| 10. (a)          | 25. (c)                                |
| 11. (a)          | 26. (a)                                |
| 12. (a)          | 27. a) (ii), b) (iv), c) (iii), d) (i) |
| 13. (b)          | 28. (c)                                |
| 14. (a)          | 29. (c)                                |
| 15. (a)          | 30. (c)                                |