

As per latest guidelines of NEP & NCF



3



Terabyte

(A Series of Computer Books)

ANSWER KEY



HTML



RAR



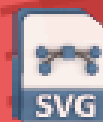
TTF



AI



JPG



SVG



DLL



1 WORKING OF COMPUTER

Section - A

(A) Tick the correct answer:

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

(B) Fill in the blanks:

1. Raw
2. Input
3. Memory unit
4. Hard copy, Soft copy
5. Intelligence

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

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

(D) Application based questions:

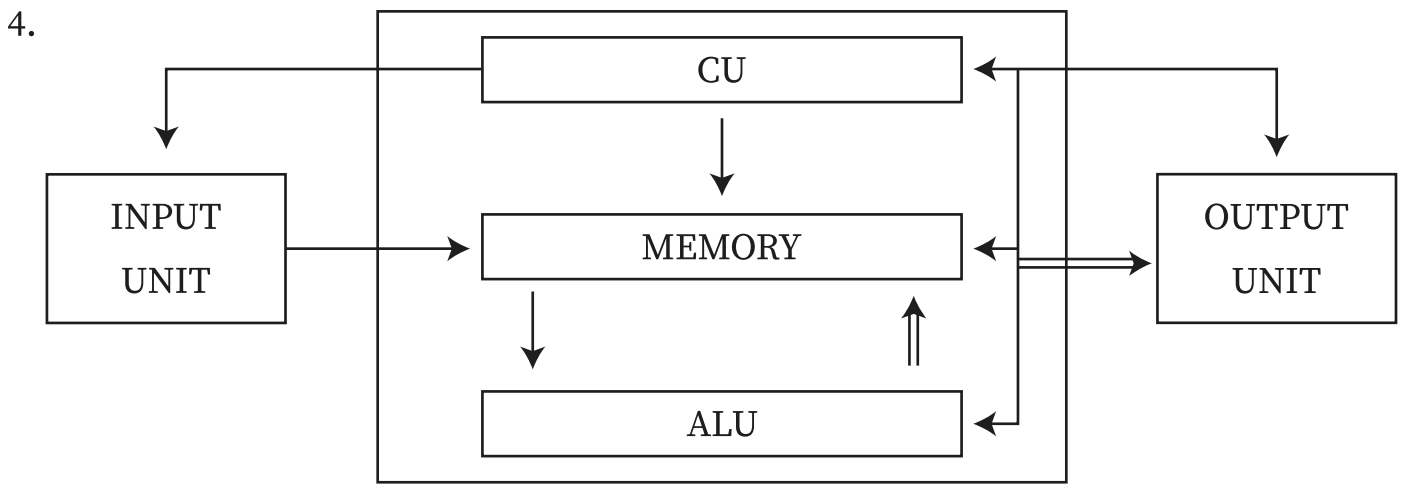
1. Siya is using a Monitor, as it is an output device which displays pictorial images as a soft copy.
2. Lakshaya should use joystick for playing games on computer. As Joystick is an input device that makes playing video games more interesting.
3. Arijt's mother should use printer for getting the hard copy, as it is an output device which can provide hard copy.

(E) Write full form of the **following**:

1. Control unit.
2. Control processing unit.
3. Memory unit.
4. Arithmetic and Logical Unit.

(F) Answer the **following**:

1. Computer is an electronic device that takes input, processes it as per given instruction and gives output.
2. Input devices like keyboard, mouse are two most commonly used input devices which are mainly used to give input to the computer.
3. ALU (Arithmetic and Logical unit), CU (control unit) and MU (memory unit).



5. It controls all the activities of computer and also known as heart of computer.

Section - B

- (A) Light pen
- (B) Web camera



Answer Key

Class - 3

2 HARDWARE AND SOFTWARE

Section - A :—

(A) Tick the correct answer:

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

(B) Fill in the blanks:

1. Hardware
2. Microphone
3. Application Software
4. Dot-Matrix
5. Software

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

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

(D) Application based questions:

1. He should use Microphone, as it is able to record your voice in waves.
2. Shreya should use application software for drawing a greeting card using paint.

(E) Match the following:

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

(F) Answer the following:

1. Hardware is a combination of two words hard and ware. It is a physical components of a computer that can be seen or touched. For example :- keyboard and CPU.
2. Software is a set of instructions that teels computer what is to be done. Without software computer can not capable performing its job. For Eg. Windows and Paint.

3. **Hardware**

1. It works as per given instructions.
2. It can be seen as well as can be touched.
3. It can understand machine language only.

Software

- It instructs hardware to work.
- It can be seen but cannot be touche.
- It is generally in some computer language like C, JAVA.

4. System Software

5. MS -Word

Section - B

1. Paint is the odd one out as it is a application software and rest three are hardware.
2. Printes is the odd one out as it is a hardware and rest three are software.



Answer Key

Class - 3

3 INSIDE THE COMPUTER

Section - A :—

(A) Tick the correct answer:

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

(B) Fill in the blanks:

1. MHz or GHz
2. Firmware
3. CD & DVD
4. Temporary
5. Mother board

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

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

(D) Application based questions:

1. Arjit should use Megahertz (MHz) or Gigahertz (GHz) to measure the speed of microprocessor.
2. Parth should transfer these instructions to ROM, as data will be stored permanently.

(E) Write the full form of the following:

1. Random Access Memory
2. Read only Memory
3. Megahertz
4. Network Interface Card

(F) Answer the following:

1. Microprocessor perform all the calculations and processing work. It is measured in Megahertz (MHz) or Gigahertz (GHz)
2. Power supply is a device that converts AC into DC. It supplies required amount of power to different parts of computer.
3. Read only Memory stands for ROM. It is Primary memory. Data stored permanetly in ROM. The contents in ROM can be read but cannot be changed.
4. Video cards are the Graphic cards which helps to display output in graphic form. It is generally in-built on motherboard.

Section - B

1. POWER SUPPLY
2. ROM
3. MICROPROCESSOR
4. SOUND CARD



Answer Key

Class - 3

4 MORE ABOUT WINDOWS 11

Section - A :—

(A) Tick the correct answer:

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

(B) Fill in the blanks:

1. Screen saver 2. Desktop customization 3. Wait 4. Change data and time setting

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

1. (F) 2. (F) 3. (F)

(D) Answer the following:

1. Desk customization is making changing in the background of desktop.
2. Screen saver is a text/picture displayed only when computer is not given any instruction for certain time period. We use screen saver because computer consumes less electricity power in screen save mode.
3. Steps to change the date and time:
 - I) Click on date and time icon in notification area, window will be appear.
 - II) Click on change date and time setting option in the window.
 - III) Date and time dialog box is displayed.
 - IV) Select date and time tab in the dialog box.
 - V) Click on change date and time button in the dialog box.
 - VI) Select the desired date and time using respective arrow heads in data area and time area.
 - VII) Click on OK button to confirm the selection made.
 - VIII) Date and time will be set as instructed.

Section - B

1. CUSTOMIZATION
2. DESKTOP
3. DATE
4. ICON
5. SCREEN SAVER
6. TIME



5

Answer Key

WORD 2021

Class - 3

Section - A :—

(A) Tick the correct answer:

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

(B) Fill in the blanks:

1. Word Processor
2. Title bar
3. Status bar
4. Print
5. Exit word

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

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

(D) Application based questions:

1. To save the document in word Rekha should follow the steps:

(I) Click on file Tab. A drop menu will displayed click on save option.

2. Mother should follow the steps:

(I) Click on file tab. It display the menu.

(II) Click on new option in the menu. New window is displayed on right.

(III) Click on blank document in window.

(IV) A blank document will be display their she can type some text.

(E) Match the following:

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

(F) Answer the following:

1. Word is an application software which perform text processing create, open, save, print edit and format the text files in quick and easy manner.

2. (I) Adds pictures in the document.

(II) Preview the document before actual printing.

3. To open an existing document perform following steps:

(I) Click on file tab. A menu is displayed. Click on open option.

OR

(II) Click on open button in Quick access tool bar.

4. To save a file in word perform following steps.

(I) Click on file tab a drop down menu is displayed. Click on save option in the meny.

(I) Click on save button in Quick access tool bar

(II) Type the name of file in file name box.

(III) Click on save button to finally save the document.

5. To close the window perform the following steps:

(I) Click on file tab. A menu will display.

(II) Click on close option in the displayed menu.

Section - B

1. RIBBON

5. ICON

2. CURSOR

6. TITLE BAR

3. START

7. EXIT

4. SAVE AS

8. OPEN



6

Answer Key

Class - 3

LOGO

Section - A :—

(A) Tick the correct answer:

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

(B) Fill in the blanks:

1. Primitives
2. Head
3. Recall list box
4. Backward
5. Reset

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

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

(D) Application based questions:

1. Priya and Tiya should use Right command to move the turtle head towards right side 90 degrees Syntax is; RT<90°>.
2. Ranbir should use clear screen command to bring back turtle to home position.

(E) Write full form of the following:

1. Forward
2. Backward
3. Right
4. Clear screen

(F) Answer the following:

1. Logic and Graphic oriented.
2. Command window is part of LOGO window to enter commands to turtle. It also display the reslut of our calculation.
3. Home position of turtle is center of the screen.
4. When we give CLEAN command it is used to clear the drawn picture from the main screen and it does not bring back turtle to its home position.
5. a) Back command - BK< 20 >
b) Forward command - FD< 40 >
c) Left command - LT< 90 >

Section - B

1. Main screen
2. Commander window
3. Input Box
4. Recall list box
5. Buttons



Answer Key

Class - 3

7 MOVING AHEAD WITH LOGO

Section - A :—

(A) Tick the correct answer:

1. (c) 2. (a)

(B) Fill in the blanks:

1. Hide turtle
2. Clear
3. Pen Up
4. PD
5. Pen Erase

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

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

(D) Application based questions:

1. Rashi should use the Hide turtle command to clear the picture on the screen.

2. Sunita should use clear text command.

(E) Write full form of the following:

1. PEN ERASE
2. HIDE TURTLE
3. SHOW TURTLE
4. PEN UP
5. PEN DOWN

(F) Answer the following:

1. ST command is used to show turtle back the hidden turtle on the screen.
2. Clear text command.
3. To provide a clear view of drawn picture on screen.
4. To erase a line without moving the turtle.
5. PEN UP or PU

Section - B

- | | | |
|---------|----------|---------|
| 1. LEFT | 4. PD | 7. BYE |
| 2. UP | 5. PE | 8. HIDE |
| 3. DOWN | 6. CLEAR | 9. PEN |



8

Answer Key

INTERNET

Class - 3

Section - A :—

(A) Tick the correct answer:

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

(B) Fill in the blanks:

1. Internet Explorer
2. Send, receive
3. Network
4. Search
5. Internet connection

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

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

(D) Application based questions:

1. Sumegha should send a message and soft copy by E-mail, it is the cheapest and fastest mode to send these.
2. She should uses Google chrome and opera.
3. We can uniquely identify desired web page by it's URL address as web page has a unique address.

(E) Match the following:

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

(F) Answer the following:

1. Internet is the first choice to access information, send/receive mails and transfer friends. It is a network that connects large number of computers, anywhere around the world.
2. E-mail stands for electronic mail. It provides facility to send/receive messages in a quick easy way and almost free.
3. Web Browser is a software to view and explore information on the web. Some commonly use web browser are : Internet Explorer, Google Chrome, Opera.
4. ADVANTAGES:
 - (I) It provides easy way and quick access to new techniques.
 - (II) It provide facility of range of entertainment media like music, movies & games for everyone around the world.

DISADVANTAGES

- (I) It does not provide sufficient security. There is always a danger from hackers and crackers.
 - (II) It is quite time consuming task.
5. Username : It is first part of an e-mail address.
It can be any home of user choice but should not have any blanks.
Hostname : It is second part of an e-mail address.
It is the name of the server.

Section - B

1. Microsoft Edge
2. Google chrome
3. Mozilla
4. Opera



9 ARTIFICIAL INTELLIGENCE

Section - A :—

(A) Tick the correct answer:

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

(B) Fill in the blanks:

1. Machine learning & Deep learning
2. AI
3. Machine
4. Deep learning

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

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

(D) Answer the following:

1. AI is artificial intelligence. It is a concept to make computer system intelligent.
It is a broad term made up of two subsets of AI; Machine learning and Deep learning.
2. Two subsets of AI are Machine Learning and Deep Learning.
3. Machine learning (ML) is a branch of AI, in which a program or machine uses a set of algorithms to find patterns in the dataset.
4. (I) High Accuracy : AI makes less errors.
(II) High Speed : AI machines are quite fast & make fast decision.
(III) Useful in risky areas : AI machine can be helpful in situations where human employment is risky.
5. (I) High Cost : AI requires costly hardware and software.
(II) No original creativity : Till date, AI machines are not so creative to beat the power of human intelligence.
(III) Emotionless : AI machine is an outstanding performer, but still does not have any feelings or emotions.
6. Application of AI :
 - (I) AI image generators :- AI has resulted in image creation very easy. It can create a video variety of images.
 - (II) Google Assistant : We use AI in the form of Google pixels phones or Iphones which are capable of capturing great portrait shots by making use of AI.

SAMPLE PAPER - 1

(A) Choose the right answer:

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

(B) Fill in the blanks:

1. CU
2. System software
3. Memory unit
4. Utility software

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

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

(D) Answer the following:

1. Do it yourself.
2. Function of ALU is to perform all arithmetic and logical calculations.
3.

Hardware	Software
i) It works as per given instructions.	It instructs hardware to work.
ii) It can be seen as well as can be touched.	It can be seen but cannot be touched.
iii) It consists of physical part eg. electrical and mechanical parts.	It is set of instructions in computer language.
4.

Application software	System software
i) It is a software that performs job for user.	It is a set of programmes to operate and control computer.
ii) It is user oriented.	It provides an user friendly interface between the user and computer.
iii) Word, Excel, Paint	Operating system & utility programs.
5.
 - i) It is a primary memory.
 - ii) All the input to be processed is first loaded to this memory.
 - iii) It is a temporary memory erased as soon as computer is switched off.
6. Microprocessor is the most important part of computer. It perform all the calculations and processing work. It is measured in Megahertz (MHz) or Gigahertz (GHz).
7. Do it yourself.

8. Title bar is placed at the top of word 2021 window. It displays the name of currently opened document and the application software.

SAMPLE PAPER - 2

(A) Choose the right answer:

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

(B) Fill in the blanks:

1. Zoom slider
2. Primitives
3. Clear
4. Web browser

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

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

(D) Answer the following:

1. Word is an application software which perform text processing Create, Open, Save, Print edit or format the text files in easy & quick manner.

★ Uses of word are:

- i) Apply spell and grammar check.
 - ii) Add pictures in the document.
 - iii) Preview the document before actual printing.
 - iv) Move and copy the text.
2. Steps to print a document:
- i) Open the file that is to be printed.
 - ii) Click on file tab. A menu is displayed. Click on print option in displayed menu.
 - iii) Make suitable selections such as number of pages, number of copies in the appropriate boxes.
 - iv) Click on print button to finally print the document.
3. LOGO Stands for Logic and Graphic oriented It is used to Draw pictures, perform calculations and print text.
4. i) FD : It is used to move the turtle in forward direction.
Syntax is : FD< number of steps >
- ii) CS : Clear screen command is used to clear the draw pictures from the main screen and bring turtle back to home position.

