QUESTION BANK

CLASS -4

SUB: COMPUTER SCIENCE

PRESCRIBED BOOK: The NEW BOOK OF COMPUTER

STUDIES

PUBLISHER : AVICHAL PUBLISHING COMPANY

Ch-1 Computers --- Storage and Memory device

1.Multiple Choice Question

1.Computer is a / an \_\_\_\_\_\_\_\_\_ device which processes data to give meaningful result.

**A .electronic**

2.The raw facts supplied to a computer are known as

**A. Data**

3.The smallest unit of storage in computer’s memory is \_\_\_\_\_\_\_\_\_\_\_\_\_\_

**A.Byte**

4.Which of the following statements is true ?

**A.1 KB= 210 bytes**

5. The maximum storage capacity of 3.5 inches floppy disc was \_\_\_\_\_\_\_\_

1. **1.44 MB**

6.RAM in a computer stands for:

**A. Random Access Memory**

7. In SD Card, the letter ‘ S’ stands for :

**A. Secure**

8.Which of the following components is known as volatile memory ?

**A. Random Access Memory**

II. State ‘True ‘ or ‘False’

1.Read Only Memory (ROM) is also called as volatile memory. – False

2. Primary memory is also known as ‘ Internal Memory’ of the system.—True

3.The storage capacity of a floppy disk is

2.44 MB— False

4. The standard SD card measures

32mm x24 mm x2.1mm— True

5.The storage capacity of a Micro SD card is more than standard SD card.

6. DVD is Digital Volatile Disk .—False

Answer in one word

1.What is the storage capacity of a Compact Disk ?

1. **700MB**

2.Name two portable secondary storage devices ?

**A.1.ThumbDrive**

**Memory Card**

**2. Solid -State Drive**

3.What is the storage capacity of a DVD ?

**A. From 700MB to 4.7 GB.**

4.Which part of Primary Memory is called non-volatile memory ?

**A. Read Only Memory**

5.Name the elementary storage unit of memory of the computer system ?

**A. Random Access Memory**

UNSOLVED

1.Which of the following is not a Secondary storage device ?

**A. Hard disk**

2.Which of the following storage devices has highest capacity ?

**A. Pen Drive**

3.Which of the following represents the smallest unit of storage ?

**A Kilobyte**

4. A secondary storage is used to store data \_\_\_\_\_\_\_\_\_\_\_\_\_

A. for the future use.

SUBJECTIVE

1. Data : Data is a collection of facts and figures provided to the computer for processing .
2. Information : The final result or product obtained after processing the data is called information.
3. Compact disk : It is a popular secondary storage device. The are used for recording, storing, playing audio, video ,text and information in digital form.
4. Pen drive : It is a rewritable storage device that can hold data without power supply. It fits into USB(Universal Serial Bus ) port on a computer. The storage capacity of Pen Drive varies from 1GB to 128 GB.
5. Secure Digital Card : The SD card is an ultra -small

flash memory designed to store data.

II. ANSWER THE FOLLOWING QUESTIONS.

1. What are secondary storage devices? Give two examples.

Ans- the devices those are used to store data, documents or other files permanently for future use, are known as secondary storage devices. For examples hard disk, Compact dick (CD), etc.

1. Why is “Thumb drive” popular as a secondary storage device?

Ans. A Thumb Drive is a re-writable storage device that can hold data without power supply. It fits into any USB port on a computer. The drive is very

small which resemble the size of a human thumb. That is why it is popularly known as Thumb drive

3. What is meant by “internal memory” of a computer system?

Ans. Internal memory is a main memory of a computer system also known as primary memory. It has a very fast access time and a smaller storage capacity with respect to the external memory of the system.

1. What is a hard Disk? Give two advantages.

Ans. The hard disk is the most important external memory storage device of the computer system. It is more reliable than other secondary storage devices and is available with the computer system. The capacity of a hard disk that starts with 500 GB can range from Giga Bytes (GB) to Tera Bytes (TB). Following are the advantages:

a. Hard disk has a large storage capacity.

b. Its performance is very hard.

c. It is small and portable.

d. It works faster

5.What is a memory card ?What are its types

A. A memory card is a type of memory device which is used for storing media and data files. Memory cards are commonly used in small, portable devices such as cameras and smart phones. Types of Memory card are SD card and Micro SD card

III. GIVE TWO DIFFERENCES BETWEEN

**. 1. Data and Information**

|  |  |
| --- | --- |
| DATA | INFORMATION |
| 1.It is just text and numbers | 1.It is processed and interpreted Data |
| 2.It is unorganized facts and details | It is result of processing |
|  |  |

|  |  |
| --- | --- |
| Random Access Memory | Read Only Memory |
| 1.Data or information can be read as well as written it. | 1.The stored information can only be read but nothing can be written onto it. |
| 2.The information is lost when the power supply is switched OFF. | The information remains active even if the power supply is switched OFF. |

. **2.Random Access Memory and Read only Memory**

Ch-2GUI operating system---- Desktop Management

1. Multiple Choice Question

1.The first screen of the Windows is called \_\_\_\_\_\_\_\_\_\_\_\_ .

**A. Desktop**

2. Which of the following is not an operating system?

**A. Windows 9**

3.Which of the following icons will you use to uninstall a program from a computer system ?

**A. Control Panel**

4. the long horizontal bar available at the bottom of the screen \_\_\_\_\_\_\_\_\_\_

**A. Task bar**

5.Which of the following icons will display all the drives available in the computer system ?

**A. This PC**

II. State True or False

1. The deleted files, folders or icons are stored in documents – False
2. You can see the time displayed on the left side of the taskbar – False
3. Window is a rectangular area made available for the user on the screen .—True
4. The control panel is used to change settings and add and remove programs – True
5. The sound can be made on or off by clicking on Speakers icon -True
6. Fill in the blanks

1. Windows 10 is also known as **graphical** user interface operating system

2.**Personalise** option allows you to set background colour of the desktop

3. Quick launch bar is the part of **title bar**

4.**Screensaver** disappears when you touch the any key on the keyboard or mouse

5. The speaker icon is located on the **right** side of the taskbar

Name the following

 1 .2 GUI based operating system

A.(a) Windows 8  **( b)Windows 10**

2.Two Tasks to customise Desktop

**A(a) Change the  desktop background (b) Change background  colour**

3.Two applications programs (apps)

**A (a) Chrome (b)MS word**

**SUBJECTIVE**

**1.Operating system**: An operating system can be defined as a set of programs that helps the computer to operate smoothly.

It controls all the activities of the computer system and makes the computer system user friendly

**2. This PC ( system icon)**: This PC is generally located at the left side of desktop when you double click on this PC ,It shows the details of the drive present in the system.

**3.Taskbar**: It is the long bar available at the bottom of the screen It contains the start button, apps pinned to the taskbar and the notification area

**4.Quick launch toolbar** :Quick launch toolbar is an area alloted to the right side of taskbar but generally, it contains files folders and other application programs icons that are frequently used.

5.**Shortcut to an icon**: A shortcut icon has an arrow pointing upward at its bottom left corner. The shortcut Provides an easy and quick way to open any application or folder, we use frequently .

**6.system tray** :It is the notification area on the task bar, It is located on the extreme right side off the taskbar .It shows icons such as volume, network connectivity battery or charging status and so on .

**Tools of word processor:**

**Q.1 Multiple choice Questions**:

1.By default, the font colour is set to **black.**

2.Which of the following shortcut keys will you use to align the text left

**A. Ctrl+L**

3. Line spacing is the \_\_\_\_\_\_\_ distance between the lines of the text

A. Vertical

4. This is a small graphical symbol used to list items in a document

A. bullet

5. By default, the line spacing is said to‐-----In a document

A. 1.15

**Fill in the blanks**

1. The line spacing means vertical distance between the lines of the state of text.

2. The paragraph group under the ribbon contains the alignment off the text.

3. The default font face of MS Word Document is Calibri.

4. The process of changing the appearance of the is called formatting.

5. The default extension Ms Word 2016 is the document is .docx.

Q.1 Name three task that can be performed under each of the following

1.Font group

A. a**.) Changing the font type, b.) changing font style , c.) changing font size**

2. Paragraph Group

**A. a.) Text alignment line spacing b.) paragraph spacing**

3. Font style

**A. a.) Bold b.) italic c.) Underline**

**I. Write short notes on:**

1. **Line Spacing**: It is the vertical distance between the lines of text.  
  
2. **Justify**: It aligns the text in such a way that the both edges of each line are aligned with both (left and right) margins. Its shortcut key is Ctrl + J.  
  
3. **Paragraph Group**: It helps to align the paragraph using ‘Paragraph Alignment’ and adjusts spacing within a paragraph using ‘Line and Paragraph Spacing’. It also contains commands for paragraph indentation and bullets or numbered list.  
  
4. **Formatting text**: It is the process of changing the appearance of the document to make it more presentable.  
  
5. **Align Left**: It aligns the text towards the left margin but the right-hand side remains non-aligned. Its shortcut key is

Ctrl + L.

Unit 2: **Editing a Document:**

**OBJECTIVE QUESTIONS**:

**I. Multiple choice questions**:

1. Which of the following shortcut keys will you use to perform Redo?

(a) Ctrl + X (b) Ctrl + Y (c) Ctrl + Z (d) Ctrl + W

2. Quick Access Toolbar is available on \_\_\_\_ of the window.

(a) Taskbar (b) Right-bottom of the taskbar (c) Left- bottom of the taskbar (d) Upper- left of the Title bar

3. Which of the following options is not available under File menu?

(a) Open (b) Close (c) Insert (d) Save

4. By default, the system prints \_\_\_\_ copy of the document.

(a) One (b) Two (c) Three (d) As many

5. Which of the following tabs will you click on the Ribbon to perform Spelling and Grammar Check?

(a) Home (b) Insert (c) View (d) Review

II. Fill in the blanks.

1. The process of making changes in the appearance of the document is called editing.

2. A word underlined with a red wavy line shows spelling error in the word.

3. You have to select synonyms option, when you want to search a word with similar meaning.

4. Thesaurus helps you to improve your vocabulary by using built-in dictionary.

5. You select antonyms option thesaurus, when you want to search a word with opposite meaning.

III. State whether True or False

1. ‘Print Preview’ button is available under ‘File’ tab. – TRUE

2. MS word has a built- in dictionary. – TRUE

3. Wrongly spelt words are corrected automatically. – FALSE

4. The words that are underlined in blue have spelling errors. – FALSE

5. You can’t add a word/words in MS Word dictionary. – FALSE

IV. Write down the shortcut keys for the following tasks:

1. Thesaurus – Shift + F7

2. Copy and Paste – Ctrl + C, Ctrl + V

3. Print a document – Ctrl + P

4. Spelling and Grammar - F7

5. Cut and Paste – Ctrl + X, Ctrl + V

V. Unsolved:

1. Which of the tab will you click on the Ribbon to display the “Backstage” view?

A- File Tab

2. Name the “Page Orientation” shown alongside.

A- Portrait

3. Which of the option will you select from the “File menu for “Print Preview’?

A- Print option

1. Which shortcut key will be used for ’Print Preview’?
2. Ctrl + F2
3. SUBJECTIVE QUESTIONS:

I. Write the short notes on:

1. Editing - It is a process of reviewing the content of a document. It focuses on improving the accuracy of language viz. spelling, grammar, structure of sentences and readability.
2. Thesaurus - It is a special feature through which we can improve our vocabulary with the help of the built-in dictionary. We can search for synonyms (words with similar meaning) or antonyms (words with opposite meaning) for a word.

3. Change case - This feature changes the case of the letters (capital to small or vice-versa) in our documents.

The different options under ‘Change Case’ are:

1. Sentence Case
2. Lower Case
3. Upper Case
4. Capitalize Each Word
5. Toggle Case

4. Page Orientation – It is the property that determines the direction in which a document is displayed or printed. MS Word provides the two basic types of page orientation.

i. Portrait ii. Landscape

5. Print Preview – It is the exact display of the document that will appear while printing on paper.

Ctrl + F2 is the shortcut key to open the Print Preview for the document you are currently viewing.

1. Give two differences between:
2. Undo and Redo

|  |  |
| --- | --- |
| Undo | Redo |
| 1. This option is used to get back the last action performed within a document. | 1. This option is used to reverse the last undo option. |
| 2.Shortcut key- Ctrl+Z | 2. Shortcut key- Ctrl+Y |

1. Cut- paste and Copy Paste

|  |  |
| --- | --- |
| Cut Paste | Copy- Paste |
| It allows the user to shift the text within the same document or to another document | It allows the user to duplicate the text the same document or to another Document. |
| The Shortcut keys are:  Cut - Ctrl+X  Paste- Ctrl+V | The Short cut keys are:  Copy- Ctrl+C  Paste- Ctrl+V |

1. Print and Print Preview

|  |  |
| --- | --- |
| Print | Print Preview |
| The Print command is used to get a printout of our document . | Print Preview is the exact display of the document that will appear while printing on the paper |
| Shortcut key- Ctrl+P | Shortcut Key- Ctrl+F2 |

**Chapter 4: Internet**

1. Which of the following hardware is not used in an Internet connection?
2. DVD
3. In the protocol HTTP the letter is stands for
4. Hypertext
5. Which of the following is a search engine

Yahoo

4.Which of the following Web browsers is by Microsoft

A. Edge

5.ISP stands for

A. Internet service provider

Write true or false for each statement :

1.When Internet service is disconnected, it means that you are now online false

2.Net surfing means connecting to Internet False

3. Modem is a device that converts the digital signals into analogue signals and vice versa true

4. BSNL is one type of web browser false

Q Name the following

1.Two web browsers

Google Chrome, Microsoft Edge

2. Two Internet service provider

Bsnl , Airtel

3.Two search engines

Google Bing

1. Two ways to connect to Internet .

Broadband Wi-Fi

**Unsolved**

1.It is a language used for creating web pages

HTML

2.It is the company which provides Internet connectivity

Internet service provider

3.It is a software which is used to open different websites

Web browser

4.It is a hotspot on the web page that provides a link to another web page

Hyperlink

**Short notes on:**

1.Computer networks:

The computer network is a system of interconnecting computers or terminals, it shares the resources of series of interconnected computers, peripherals and terminals .

2.Internet:Internet refers to as a vast network of computers through which people can share and communicate from anywhere with an Internet connection.

3.Net surfing:

Is also known as web surfing. It means browsing the Internet to search information from one web page to another using hyperlinks.

4.Web page:. Web pages refers to the information in the form of digital pages viewed using a web browser. It may contain text ,graphics ,audio video etc

6.Search engine:

Search engine is a set of programs that searches the request on the Internet on the basis of keywords provided by the user.

7.Internet service provider :

An Internet service provider provider(ISP)Is an Organization That provides the facility of availing Internet services against a fee. Example BSNL, Airtel, Jiofiber

**Long answer questions:**

1. What are the advantages of Internet ?

i. Information is easily shared or communicated among the people.

ii. It helps in staying updated with events around the world

iii. It acts as a platform for learning and sharing information.

iv. We can send and receive messages through e-mail

v. It provides online services such as online banking, shopping, teaching etc.

Q2. In what ways a web browser useful to us?

A.i.Web browser connects the web server and sends a request for information

It receives information and displays the content on the users computer screen

Q3.Enlist at least any three netiquette for the safe browsing on the Internet?

i.Be respectful for other users working online and

never share any personal information

ii. Use graceful language with people who are online

iii. lgnore messages from unknown source sources or visit unwanted websites

**Presentation software-An Introduction**

1. Which is the topmost horizontal bar present on PowerPoint window?

A.Title bar

2.By default, the extension of PowerPoint presentation file ?

A. .pptx

3.Which of the following will you use to view slide show?

A. F5

**State true or false but its statement:**

1.MS PowerPoint is an application package of MS office – True

2. Title bar is located on the bottom of MS PowerPoint window-False

3. You cannot insert a picture in this in your slides in MS PowerPoint-False

4.There is no did the print preview button under the under file tab- True

5.You cannot insert slides to your existing presentation-false

Q.**Write down the shortcut keys for the following task:**

1.Create a new presentation file- Ctrl+N

2.Save a presentation file Ctrl +S

**Q. Name the following:**

1.Three commonly used task in a MS PowerPoint

Creating a new presentation inserting pictures slide shows

2.Three options under the file tab

Open, New , Save

3.Three components of Ms PowerPoint window

Title bar quick access toolbar file button

4.Three types of slide layout

Title and content, Title only, Blank

**Write short notes on:**

1. Slide :Slide is an individual page of a PowerPoint presentation which are displayed on the screen one by one to communicate information to the audience.

2.Backstage: It’s the full page view that provides information about the file

3.Ribbon: It is a task oriented graphical user interface. It provides access to all tools and commands required to work on PowerPoint. They are organized in logical groups under different tabs and helps to perform our tasks easily.

4.Slide show: Slides is an electronic presentation of the slides that appears sequentially on the screen.

5.Zoom Slider: Zoom control allows you to zoom in and zoom out the window. zooming in makes the window larger so that you can focus on an object. zooming out makes the windows smaller so that you can see the entire window.

**Step-wise thinking:**

1.The step wise solution of any problem is also known as Algorithm

2.Which of the following Is correct for stepwise thinking?

It is a systematic way op thinking to predict the possible solution

3.Which of the following steps is not related to step-wise thinking?

Packing up the task

Q. Write whether the following statements is True or False:

1.You may or may not plan to perform a task- False

2.There will be no effect on the result if a step is missing False

3.Stepwise thinking will result incorrect solution True

4. What when and why should be thought Stepwise thinking True

5. Step way stinking is not based on logical reasoning False

**Subjective:**

Write down the answers of the following questions

Q1.Define stepwise thinking:

A.Stepwise thinking helps in understanding the task ,breaking the complex actions into simple steps and generating accurate results. It involves activities like logical thinking.

2.Mention four features of step wise thinking

i.It is an imaginative and mental activity .

ii.It is a process as it involves carrying out a number of steps from beginning to the end .

iii. Steps should be clear steps and can be followed without confusion

iv. The steps must be arranged systematically in order to carry the task properly.

3.Write two advantages and disadvantages of Stepwise thinking

**Advantages**

i.It provides an easy way to solve many complex problems

ii.It help to get accurate result

**Disadvantages**

i.It is a time consuming process to solve a problem

ii if the step is not clear, it may generate wrong result

4.What are the steps involved in stepwise thinking ?

i.Analyzing the result

ii.Breaking up the task into simple steps

iii.Predicting possible solution

**Features of file management**

Q.Multiple Choice Questions :

1. Which of the following statements is not applicable to a file

A. It has an icon when created

2.Which of the following function keys will you press to rename a file

A.F2 key

3.The deleted files and folders are stored in

A. Recycle Bin

4. Moving a file or folder can be performed by

A. Cut and paste command

5. An unauthorised act of manipulating corrupting a file or folder is known as

A. Tampering

**Fill in the blanks :**

1.File is unnamed location on the hard Disk to store information.

2.Organisation of file folder is referred to as file management.

3. Making a duplicate copy of a file of folders is termed as Copying

4.Moving refers to as transfer of file or folder to another location

5.Files and folders are usually presented with yellow icons

**State true or false**

1.File Explorer does not contain the ribbon- False

2.There is no difference between a file or folder- false

3.Deleted files folders can be restored from the recycle- true

4.File management refers to as various calculations-false

5.File can even be tampered if it is Password protected- False

Answer the following questions

1.Write two disadvantages of tampering of file

A.i. Efforts of the creator gets damaged .

ii. Reduces the faith and trust among the users.

**Chapter 8: Tux paint:Developing Skill**

**Objective**

1. **Multiple choice questions**
2. Which button will provide you another drawing area on Tux Paint ?
3. New

2.The \_\_\_\_\_\_\_\_\_\_\_ tool is used to bring the deleted part of the drawing object on the canvas ?

A.Redo

3.By default, \_\_\_\_\_\_\_\_\_\_ tool is selected on the Tux Paint window ?

A.Paint tool

4.The mirror tool rotates an object by

A.180 degrees

**5.By default ,Tux Paint allows you to work on \_\_\_\_\_\_background.**

**A.White**

State True or False

1.You can’t increase or decrease the size of a drawing object -False

2.The colour palette is available at the bottom of Tux Paint window -True

3.You can’t change the background of the canvas of the Tux Paint window. - False

4.The Magic tool is used to perform some tricks on the canvas like a magician -False

5.You can draw various shapes with different colours on the canvas. True

**II. Name these Magic Tools:**

a. Grass  
  
b. Flower  
  
c. Foam  
  
d. Real Rainbow  
  
e. Rainbow  
  
f. Mirror

**Subjective**

**I. Write short notes on:**

1. **Eraser tool –**The Eraser tool is used to remove unwanted part of the drawing object.

2.   **Stamp tool –**The Stamp tool allows us to use different pre-defined pictures on the canvas.

3. **Magic tool –**Magic tool adds some special effects to our drawing. It lets us quickly fill parts of the picture with the pre-defined pictures or effects.

4. **Foam effect –**Foam effect covers the area with foamy bubbles.

5. **Mirror tool –**Mirror tool shows the mirror image of the drawing.

LOGO-Advanced Learning

OBJECTIVE

MULTIPLE CHOICE QUESTIONS

1.The word LOGO stands for

A.Language of Graphic Oriented

2.Which of the following is the shape A the logo turtle ?

A. triangle

3.The ------ command brings the turtle to the middle of the screen.

A.Home

4---- command draws a line in the upward direction on logo screen

A.Up

5.By default, logo turtle appears in the-----of the screen.

A. centre

**State true or false**

1.The rat that appears on the screen. refers to as the default LOGO turtle- **False**

2.LOGO is a computer language for graphical programming .-**True**

3.You can rotate LOGO turtle to the maximum of 360 degrees -**True**

4.You cannot perform mathematical operations on LOGO. -**False**

5.Text messages must be written within square bracelets in LOGO. – **True**

IiI.Write down LOGO commands used to perform the following tasks

1.To display a message on the screen

A.PRINT command

2.To move the turtle in backward direction.

A. BACK orBK command

3.To restore the pen in normal use.

A.PEN NORMAL or PE command

4.To erase entire drawing from the screen.

A. Clear screen or CS

5.To draw line with gaps between

A. FD, PU,FD,PD

SUBJECTIVE

1.Short Answer Questions

**1.PenUp command**:When we use PENUP or PU primitive, the turtle lifts up and will not be able to draw the line on LOGO screen.

2**.PenErase command**: PenErase or PE command brings the turtle to erase mode.

**3.Hide turtle command:** With the help of Hideturtle or HT command, the turtle disappears from the screen.

4.Repeat command: Repeat command specifies the number of times, instructions or commands whose execution is to be repeated.

**5.Print command**:The PRINT or PR command is used to display the message on LOGO screen.

II.Write down the ĹOGO commands to solve the following

1.Find the sum of the first five natural numbers.

( 1+2+3+4+5)

A.PRINT [1+2+3+4+5]

2.Find the product of first three multiples of 5 (5\*10\*15)

A. PRINT [5\*10\*15]

3.You have₹ 30 In your pocket add you want to purchased toffee costing ₹3 each Write LOGO primitives to calculate and display the number of toffees you can buy.

PRINT[30/3]

4.In a zoo, there are 20 monkeys,12 elephants and 8 tigers.Write LOGO primitives to calculate any display, how many animals are there in the zoo .

A.PRINT [20+12+8]

5.There are 365 days in a year and 24 hours in a day.Write LOGO primitives to find and display the number of hours in a year.

A.PRINT [365\*24]