

## CLASS-5

April 2024

No. of teaching days – 20 days

Topic – Generation to Computer (Lesson- 1)

No. of days required to complete the topic – 4 days

Learning outcomes ->

- 1) Knowledge objective - Students will be able to learn about different generation of computer.
  - 2) Understanding objective - Students will be able to understand invention of different generation of computer.
  - 3) Application objective - Students will be able Understand How feature of generation of computer.
  - 4) Skill objective - Students will be able to learn different b/w transistor and vacuum tubes.
- Previous Knowledge testing - Students will be asked history of comp and different example of the computing device that they see in their daily lives.

Teaching aids -chalk, duster, board lab, books.

Pedagogical Strategies- The teacher will explain Features of generation computer. Definition of ENIAC, UNIAC and integrate circuit will be done. Some imp keywords vacuum tubes. Artificial intelligence, punched card, microprocess will also be discussed. Lesson will be read by student's important definitions will be underlined.

Experiential learning- create a chart using pic to represent the generation of computer on a timeline.

Art integration - The students will be taken to computer lab to show how open MS word. How to create timetable MS word.

Inter disciplinary linkages and infusion of life skills - Students have done the activity to write about the invention of different generation of comp in MS word.

Recapitulation - will be done oral revision will be given

Resources including, ICT, Information and Communication technology - Books,Internet links -

1) [www.Youtube.com/watch?V=FCRjyGT2LWS](http://www.Youtube.com/watch?V=FCRjyGT2LWS)

Assessment items - To check the conceptual clarity, Various type of assessments will be done. Exercise in the book will be done Question, Answer in the book

Feedback and Remedial Teaching – Students will be encouraged to read the lesson carefully practice of spellings also

Inclusive Practices and full participation with discrimination –

- 1) Lab Activity
- 2) Reading books
- 3) Group discussion

## CLASS-5

May 2024

No. Of Teaching days - 25

Topic – Computer Software.

No. of days required to complete the topic - 4

Learning outcomes-

- 1) Knowledge Objective -students will able to learn about what is computer and type software.
- 2) Understanding objective - students will able to understand the role of operating system, utility software and application software.
- 3) Application objective - Students will be able to Understand the difference b/w system software and application software.
- 4) Skill objective - Students will be able to Learn about name of different software.

Previous Knowledge testing - Students will be asked about software and hardware and classification of software and the basic function of operating system.

Teaching aids - computer lab, books, duster, board, chalk.

Pedagogical Strategies - The Teacher will explain features of system software, application software utility software and function of operating system. Type of application software will be done. Some imp application software will also be discussed. word processing software, presentation software spreadsheet software and desktop publishing software will also be discussed. Lesson will be read by students. Imp. definitions will be Underlined.

Experiential learning Hands on Activity - Students will Computer discuss different software and application software and student will do this activity (paste the pic of system software and application software on A4 sheet)

(Paste pictures of Input devices and output devices on 'Au Sheet) Input devices

Art integration - The students will be taken to computer lab to show how open power point and create a power point presentation of the list system software and application software and insert the pic and transition effects also.

Inter disciplinary linkages and infusion of life skills – Student will do this activity create a chart to list the uses of system software and application software.

Recapitulation - will be done oral revision will be given

Resources including, ICT, Information and Communication technology - Books,Internet links -

- 1) <http://www.comphope.com/jargon/s/software.htm>

Assessment items - To check the conceptual clarity, Various type of assessments will be done. Exercise in the book will be done Question, Answer in the book will be done.

Feedback and Remedial Teaching – Students will be encouraged to read the lesson carefully and do practice of spelling also.

Inclusive Practices and full participation with discrimination –

- 1) Lab Activity
- 2) Reading sooks
- 3) Group discussion

No. Of Teaching days - 18

Topic – Managing window, files and folder Computer.

No. of days required to complete the topic - 4

Learning outcomes-

- 1) Knowledge Objective -students will able to learn about window and component of window.
- 2) Understanding objective - students will able to understand the difference b/w files and folder.
- 3) Application objective - Students will be able to identify difference type of files and folder.
- 4) Skill objective - Students will be able to Learn about arranging window on the desktop.

Previous Knowledge testing - Students will be asked about window control button (minimize maximize close) and how to create a new file and folder.

Teaching aids - computer lab, books, duster, board, chalk.

Pedagogical Strategies - The Teacher will explain window accessories which are used by us frequently (calculator, notepad, WordPad) creating a file or folder renaming a file or folder, moving, copy or deleting a file or folder will be done. some imp keyword task's view and file explore will be read by students. Lesson will be read by students. Imp. definitions will be Underlined.

Experiential learning Hands on Activity - Students will discuss few windows accessories which are used by us frequently the calculator has 4 main modes with which we can do calculation. Students will discuss different features of file explore.

Art integration - The students will be taken to computer lab to switch on the comp and open multiple applications. Arrange them on the desktop using different options. Create a folder and a file on the desktop and name them. Move the create file and folder to the documents folder and delete the moved file or folder.

Inter disciplinary linkages and infusion of life skills – Student will do this activity write about shortcut keys f2 to rename a selected a selected file or folder ctrl+c (cut), ctrl+c(copy), ctrl+v(paste), selected file or folder.

Recapitulation - oral revision will be given

Resources including, ICT, Information and Communication technology - Books,Internet links –

<http://www/digitaltrends.com/howtocustomizefileexploreinwindow10>.

Assessment items - To check the conceptual clarity, Various type of assessments will be done. Exercise in the book will be done Question, Answer in the book will be done.

Feedback and Remedial Teaching – Students will be encouraged to read the lesson carefully and do practice of spelling also.

Inclusive Practices and full participation with discrimination –

- 1) Lab Activity
- 2) Reading sooks
- 3) Group discussion

## CLASS-5

August 2024

No. Of Teaching days - 24

Topic – Formatting and printing word document.

No. of days required to complete the topic - 4

Learning outcomes-

- 1) Knowledge Objective -students will able to learn about Formatting and printing word document feature.
- 2) Understanding objective - students will able to understand page formatting option in MS word.
- 3) Application objective - Students will be able to learn about three buttons are present in the font group of the home tab MS word.
- 4) Skill objective - Students will be able to Learn about different feature of a word document.

Previous Knowledge testing - Students will be asked about adjusting page margin option and setting page orientation option.

Teaching aids - computer lab, books, duster, board, chalk.

Pedagogical Strategies - The Teacher will explain three buttons are present in the font group of the home tab MS word. Bold, underline option will also be done. Changing font style size and colour option will also be discussed. Some imp keyboard shortcut keys will be underlined. Lesson will be read by students. Imp. definitions will be Underlined.

Experiential learning Hands on Activity - Students will discuss different formatting and printing features in word. Students will do this activity to create a boarder around the document pages and apply shading to the title of the article and create a chart to show different text formatting features of word.

Art integration - The students will be taken to computer lab to type an article in word on spending time on the computer, stating its pros and cons and apply different text formatting to make the article look neat and attractive.

Inter disciplinary linkages and infusion of life skills – Student will do this activity to make list of imp shortcut keys in MS word.

Recapitulation - oral revision will be given

Resources including, ICT, Information and Communication technology - Books,Internet links –

<http://www.docs.is.ed.ac.vk/skill/document>

Assessment items - To check the conceptual clarity, Various type of assessments will be done. Exercise in the book will be done Question, Answer in the book will be done.

Feedback and Remedial Teaching – Students will be encouraged to read the lesson carefully and do practice of spelling also.

Inclusive Practices and full participation with discrimination –

- 1) Lab Activity

- 2) Reading sooks
- 3) Group discussion

#### CLASS-4

September 2024

Revision of L-1 (Generation of computer)

Revision of L-2 (Computer software)

Revision of L-3 (Managing window, files and folder)

Revision of L-4 (Formatting and printing word document)

### **HALF YEARLY EXAM**