

CAMBRIAN PUBLIC SCHOOL

SYLLABUS FOR SESSION 2021-22

SUBJECT : COMPUTER
CLASS : V

Prescribed book:

1.COMPUTERS FOR SCHOOL

Coursebook

MICA Educom Publisher V

Term-I (April-September)

THEORY

- **Storage & Memory Device[3 Theory]**
Introduction to Memory, Primary Memory (RAM, ROM), Secondary Memory (Hard Disk, Pen Drive, Compact Disk, DVD, Blu-Ray Disk, Memory Card).
- **Software [3 Theory]**
Introduction to Software, System Software(Operating System, Language Processor), Application Software(Packages, Customized Software), Utility.
- **Linux Operating System [3 Theory]**
Introduction to Operating System, Function of OS, Linux BOSS OS, Components of BOSS Linux, Running an application in Linux, Working with Folders (To create a new folder, To rename, copy, move, delete a folder), To change the Wallpaper and Screen Saver.
- **Slide Presentation [3 Theory]**
Introduction, Features of Presentation Package, Opening a Presentation Package, Making Slide, Contents in Slide, Additional Slides, Addition Text box, New Slide Design, Slide Background, Editing and Formatting Text, Viewing a Presentation, Saving the Presentation, Exit the Presentation .

PRACTICAL ASSIGNMENTS

- **Linux Operating System [2 Practical]**
Starting Linux, Running an Application in BOSS 8.1 and Windows 10, Creating , Copying, Moving, Deleting Folders in BOSS 8.1
- **Slide Presentation [2 Practical]**
Making slides- Adding Contents, Inserting Additional Slides, Adding Text Boxes, Applying New Design and Slide Background, Editing and Formatting Text, Viewing Presentation, Saving the Presentation .

1st Periodic Test (July)

Portion :- Theory, Practical Assignment.

Half Yearly Examination: Entire portion of Term I

Term II (October-March)

THEORY

- **Animation in Presentation [2 Theory]**
Introduction (To insert pictures, To add movie or sound into the Presentation), Animation in Presentation, To set timing for a slide Show.
 - **Algorithm [2 Theory]**
Introduction, Algorithm, Characteristics of Algorithm, Steps in Problem solving.
 - **Programming in QBASIC [4 Theory]**
Introduction, QBASIC in Computer, Menu Bars of QBASIC, To start a new program in QBASIC, To open, Save, Execute or Run, Come out of a Program, To erase the contents, Statements in BASIC, Mathematics in BASIC.
 - **Figures in QBASIC [3 Theory]**
Introduction, Co-ordinates, Resolution, Text mode, Graphics Mode, Screen Command, Graphical Command, Direction Statements, Diagonal Commands, Background Color Command.
 - **Internet Access [3 Theory]**
Introduction, Common Terms of Internet (WWW, URL, Net, Surfing, Search Engine), Requirement & Ways to Access Internet, Ways to Connect Internet, To Access Internet through Wi-Fi, Netiquette, Parts of a Web Browser.
- PDF Conversion [1 Theory]**

PRACTICAL ASSIGNMENTS

- **Animation in Presentation [3 Practical]**
Inserting pictures from Files, Inserting Movie and Sounds, Making effects in presentation using Custom Animation and Slide Transition, To set timing for a Slide Show.
- **Programming in QBASIC [3 Practical]**
To Start a new Program in QBASIC, To open an Existing Program, To Execute or Run a Program, to Erase the contents, Write and Run the programs using different Statements.
- **Figures in QBASIC [4 Practical]**
Changing the mode of Working, Using direction & Diagonal Commands to draw different shapes, Changing Background color commands .

2nd Periodic Test (December)

Portion :- Theory, Practical Assignment

Annual Examination: Entire portion of Term II + Some Chapters from Term I