

CAMBRIAN PUBLIC SCHOOL, KANKE ROAD, RANCHI
SYLLABUS
SESSION 2021-22

SUBJECT:- COMPUTER
CLASS: VII

PRESCRIBED BOOK:

1. COMPUTERS FOR SCHOOL VOL-VII

COURSEBOOK

MICA EDUCOM PUBLISHERS

TERM I

THEORY

- **Computer Hardware [3 Theory]**
Introduction to Computer, Input devices, Hardware, Components of CPU, Memory and Storage devices, Output Devices, Robotics.
- **Internet: Online Surfing [3 Theory]**
Introduction to Internet and e-Mail, Advantages and Components of e-Mail, To create an e-Mail ID, To Open/Read e-Mail message, sending e-Mails, Attaching a file with e-Mail, Forwarding a message, Google Drive, e-Shopping, Online modes of payment, Netiquette, Blogging, Podcasting
- **Database [4 Theory]**
Introduction to Database, Features of DBMS, Data Type, Steps for working with Database package, Database Package on computer, Creating a Table, In design view, To set Primary Key, Saving a table, To close the Table Design, Entering and Editing data in table, Adding, Deleting and Modifying in Table.
- **Reports in Database [2 Theory]**
Sorting, Filtering, Reports, Relation among Tables.

PRACTICAL ASSIGNMENTS

- **Internet: Online Surfing[2 Practical]**
Using Internet Demo Package for Creating e-mail ID, Opening/Reading e-mail messages, Sending e-mails, Attaching a file with e-mail, Forwarding a Message.
- **Database [2 Practical]**
Creating a Table, Creating Table in Table design view, To set Primary Key, Saving a Table, To close the table design, Entering data in Table, Editing Data of a Table, Adding Columns/Field, Deleting Columns/Fields, Modifying Columns/Fields
- **Reports in Database [2 Practical]**
Doing Sorting, Filtering and Generating Reports, Relationship between Tables.
- **Revision of Term 1 Practical Assignments based on Spreadsheet.**

1st Periodic test (July)

Portion: Chapter 1 (Computer Hardware)&2 (Internet: Online Surfing)(Theory)

Half Yearly Examination: All Chapters of Term 1

TERM 2

THEORY

- **Beginning with HTML [3 Theory]**
Introduction, Features of HTML, Essentials to work with HTML, Tags, HTML Document, Creating & Saving HTML Document, Tags and Attributes, Presentation Tags.
- **Tags in HTML [3 Theory]**
Subscript and Superscript Tag, Creating Lists (Ordered and Unordered List Tag), Insertion of Image, Linking, Table, Cell Padding, Marquee Tag, Form Tag
- **Scratch [4 Theory]**
Introduction, Scratch on computer, Components of Scratch Screen, To open an existing project, Selecting a Sprite, Drawing a Sprite, Surprise Sprite, Resizing a Sprite, Editing a Sprite, Changing the Background, Programming Block & Task Buttons, Motion, Control, Sensing, Looks, Pen
- **Basics of App [3 Theory]**
Introduction about App, Classification of Apps Categories of Apps, Developing App
- **Freeware OS: LINUX [2 Theory]**

PRACTICAL ASSIGNMENTS

- **Beginning with HTML [3 Practical]**
Creating and Saving HTML Document, Create Pages using Presentation, Heading and Text Highlighting Tags.
- **Tags in HTML [4 Practical]**
Creating Pages using Superscript and Subscript, Ordered and Unordered List Tags, Insertion of Image using all Attributes of Tag, Linking with Pages, Using Table Tag and its Attributes (Border, Cellpadding, Cellspacing, Height, Width, Bgcolor), Form Tag.
- **Scratch [4 Practical]**
To open an Existing Project, Selecting a Sprite, Drawing a Sprite, Resizing a Sprite, Editing a Sprite, Changing the Background, use Task, Motion, Control, Sensing, Looks and Pen Buttons
- **Basics of App [1 Practical]**
Learn how to Run and Develop App.
- **Freeware OS: LINUX [1 Practical]**
Install and use the functions of OS like BOSS.

2nd Periodic Test (December)

Portion: Chapter 5(Beginning with HTML) & 6 (Tags in HTML) (Theory)

Annual Examination: All Chapters of Term 2