# SYLLABUS FOR THE ACADEMIC SESSION 2020-21
## CLASS – VI

### COMPUTER

| Month | Unit | Topic | Sub-Topics |
|---|---|---|---|
| April | 6 | Introduction to networking | - Definition of Network & Importance<br>- Components of a Network<br>- Types of Network<br>- Network Protocols<br>- Network Topology |
| May | 1 | Creating simple images | - Drawing with GIMP<br>- Colouring with GIMP |
| **P r e   M i d - T e r m** | | | |
| June | 2 | Using selection tools | - Using Rectangle Select and Ellipse Select<br>- Using Free Select and Scissors Select<br>- Refining selections |
| July | 3 | Creating collage | - Combining Multiple Images<br>- Manipulating Images |
| | 4 | Emphasising images | - Emphasising Images |
| August | 5 | Managing images | - Controlling the Colour Aspect of a Photo<br>- Removing Photo Imperfections |
| September | | **R e v i s i o n   &   M i d - T e r m** | |
| October | 7 | Beginning with programming | - Introduction to Programming |
| | 8 | Programming with qbasics | - Simple QBasic Program<br>- Program to Add Two Numbers |
| November | 9 | Programming using flowcharts | - Creating Flowchart<br>- Creating Programs Using Flowcharts |
| **P o s t   M i d - T e r m** | | | |
| December | 10 | Creating programs using conditions | - Decision Symbol<br>- Using Conditions in Program |
| January | 11 | Programming using loops | - For Loop<br>- Do While Loop<br>- Do Until Loop |
| | 12 | Arrays and strings | - Single Dimensional Array<br>- Two Dimensional Array<br>- String arrays<br>- Library functions |
| February | | **R e v i s i o n   &   A n n u a l** | |

### Syllabus for Annual Exam

1. Begining with programming
2. Programming with qbasics
3. Programming using flowcharts
4. Creating programs using conditions
5. Programming using loops
6. Arrays and strings
7. Introduction to networking