

DEDUCTED PORTION
COMPUTER APPLICATION

Code - 165

CLASS IX

Unit 4: Scratch or Python

Alternative 1:

Educational programming language – Scratch

- Introduction to Scratch.
- Drag and drop commands, creating simple scripts, repeating blocks of commands.
- Discuss x-y plane, create scripts to move the cat (Scratch mascot).
- Create a script to draw diagrams using the pen feature. OR

Alternative 2: Python .

- Programming Basics : Algorithms and Flowcharts
 - Characteristics of a good program
- Introduction to Python
- A simple "Hello World" program
- Running a Python program

□ In the same sequence, Python programs removed from the Practical syllabus of 9th and 10th Class.