

MAYO COLLEGE, AJMER
SUBJECT CURRICULUM (AY 2022-23)
SUBJECT – COMPUTER
CLASS – VII
CBSE

Exam	Concepts
Quarterly August 2022	<p>Introduction To Flash About Flash Stage Timeline library Default interface properties</p> <p>Getting Started Parts of Project Window Toolbox Study of different tools Shortcuts</p> <p>Animation Definition Creating simple animation Classic Tweening</p> <p>Creating Animation Frame By Frame Animation Types of Symbols Creating Instances Library Color and Transparency Shape Tweening</p>
Half Yearly November 2022	<p>(10 % of PA1) Layer and Text Using Text Tool Setting Alignment , Margins , Indents and Line Spacing</p> <p>Advance animation Techniques Working With Layers Creating Layers and Folders Locking and Unlocking Of Layer</p>

	<p>Motion Along a Path Layer and Text About Guide Layer Masking Understanding Stroke and Fill Color Understanding Gradient Working With Scenes Adding Media Sound, Images and Videos</p> <p>FOSS-(Alice) Introduction User Interface Initial display window & menu bar Control panel Adding objects to the Scene Basic objects</p>
<p>Finals March 2023</p>	<p>(5 % of PA1 & 10 % of PA2) Action Script About Action Script About Events Terminology in Action Script Controlling Frames and Scenes Inbuilt Function Creating Custom Pointer Simple Line Drawing Tool Handling Keyboard Events Action Script(cont.) Creating Geometrical Figures</p> <ul style="list-style-type: none"> • Square • Ellipse • Triangle • Quadrilateral • Alphabets • Project Work

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SUBJECT CURRICULUM (AY 2022-23)
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Exam	Concepts
Quarterly August 2022	<p>Introduction To Photoshop Computer Graphics Vector and Pixel Images, File formats Color Graphics, Layer Basics, Background Layer Marquee Tool, Move tool, Magnetic Wand Crop tool Puppet wrap tool</p> <p>Using Painting Tools- Lasso, Polygon Lasso, Magnetic Lasso Tool Brush Tool, Pencil, Clone, Pattern Stamp, History Brush Smudge and Blur Tool, Color Replacement tool Channel, Quick selection, 3D-Tool</p> <p>Slicing Slice Tool, To Create Slice Selecting Slices, Saving Slices</p>
Half Yearly November 2022	<p>(10 % of PA1) Layers Direct Selection tool, Rasterize Mask Type, Type Arrange</p> <p>Using Tools Transform, Pen, Freeform Pen Magnetic Pen, Rectangle, Rounded Rectangle Ellipse, Polygon Path Selection</p> <p>Filters, Tools Burn, Sponge, Dodge, Quick mask Arrange Brush Stroke Filter, Distort Filter Polar Coordinate, Shear, Noise Filter Pixelate Filter</p> <p>Foss (Gimp) Introduction, Toolbox, Text Editing Image operation</p>

**Finals
March 2023**

(5 % of PA1 & 10 % of PA2)

Dreamweaver

Features Of Dreamweaver

Structure of website

Basic Formatting of a webpage

List, Table, frame, form

Creating Your First Application

Creating Links, Anchor

Steps for developing applications

Developing Simple Applications

Designing and Aligning the interface

Inserting Image, Page Properties

Common Methods

Home page design

Index page Design

Inserting Gif and Swf files

Site Map

Designing a website(Project work)

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SUBJECT CURRICULUM (AY 2022-23)
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Exam	Concepts
Periodic Assessment I July 2022	<ol style="list-style-type: none">1. Database Introduction2. Database Terminology3. DDL Commands4. DML Commands5. Conditional Operator
Periodic Assessment II September 2022	<ol style="list-style-type: none">1. Introduction to Python2. I/O operators3. Data Types4. Tokens and Identifiers5. Conditional Statements
Periodic Assessment III November 2022	<ol style="list-style-type: none">1. Control Statements2. Loops (for, while)3. List and Dictionary4. String Functions
Finals February 2023	<ol style="list-style-type: none">1. Introduction to illustrator2. Drawing Basic Images3. Creating Special Effects4. Tools5. Distorting and Extruding Images

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Exam	Curriculum
Periodic Assessment I July 2022	Book – Computer Science with Python 1. Basic Computer Organisation 2. Types of software 3. Operating system 4. Number system, Boolean logic 5. Encoding schemes
Periodic Assessment II September 2022	1. Introduction to problem solving 2. Familiarization with the basics of Python programming 3. Knowledge of data types, Operators, Errors 4. Flow of control, Conditional statements 5. Iterative statements
Periodic Assessment III November 2022	1. Strings, List 2. Tuple, Dictionary 3. Structured Query 4. Introduction to Python modules
Final Exam February 2023	1. Digital Footprints 2. Data protection 3. Cyber safety, Cyber-crime 4. Indian Information Technology Act (IT Act) 5. Technology & Society 6. Safely accessing web sites (Complete Syllabus)

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Exam	Curriculum
Periodic Assessment I July 2022	Book – Computer Science with Python Revision of Python topics covered in Class XI Functions Data Structure
Periodic Assessment II September 2022	Introduction to files Text file Binary file CSV file
Half Yearly November 2022	Syllabus covered under Periodic Assessment I Syllabus covered under Periodic Assessment II Database concepts Relational data model Structured Query Language Computer Networks (Complete Syllabus)
Pre Board I January 2023	Complete Syllabus
Pre Board II February 2023	Complete Syllabus