



**MAYO COLLEGE**  
**Academic Curriculum - 2021-22**  
**Subject – Fundamentals of Information Technology (FIT)**  
**Class IX**

ASSESSMENT 1	ASSESSMENT 2	HALF YEARLY	PRE BOARDS
<p><b>DBMS</b></p> <ul style="list-style-type: none"> <li>About Database and DBMS</li> <li>Terminologies: Table, Relation, Attribute and Tuple</li> </ul> <p><b>SQL Commands</b></p> <ul style="list-style-type: none"> <li>DDL and DML commands</li> <li>Create Table, Insert Into, Select, Delete and Update Commands</li> <li>Where Clause</li> <li>Alter Table and Drop Command</li> <li>Conditional Operators, Like, Between And</li> <li>Aggregate Functions Sorting and Grouping</li> </ul>	<p><b>Introduction to Python</b></p> <ul style="list-style-type: none"> <li>Basics of Python</li> <li>Characteristics of Python</li> <li>Applications of Python</li> <li>Operators</li> <li>Input and Output method</li> </ul> <p><b>Data Handling</b></p> <ul style="list-style-type: none"> <li>Standard Data Types</li> <li>Indentation</li> <li>Comments</li> </ul> <p><b>Control Statements</b> Decision making Looping statements</p> <p><b>String</b></p> <ul style="list-style-type: none"> <li>Basic methods of String</li> <li>Accessing and updating String</li> </ul>	<p><b>Tuple</b></p> <ul style="list-style-type: none"> <li>Basic Tuples Operations</li> <li>Accessing values</li> <li>Delete and Update in Tuple</li> </ul> <p><b>List</b></p> <ul style="list-style-type: none"> <li>Basic List Operations</li> <li>Accessing Values from List</li> <li>Update values in List</li> </ul> <p><b>Dictionary</b></p> <ul style="list-style-type: none"> <li>Properties of Dictionary</li> <li>Dictionary Functions &amp; Methods</li> <li>Accessing Values</li> </ul> <p>Delete and Update operations</p>	<p><b>Introduction to Illustrator</b></p> <ul style="list-style-type: none"> <li>Working with Illustrator</li> <li>Make &amp; edit Basic Shapes</li> </ul> <p><b>Basic Illustration</b></p> <ul style="list-style-type: none"> <li>Transformation and editing</li> <li>Color and Strokes</li> <li>Text with Shapes</li> </ul> <p><b>Organize contents in Layers</b></p> <ul style="list-style-type: none"> <li>Order of Contents</li> <li>Creating and editing Layers</li> <li>Arrange contents in Layers</li> </ul> <p><b>Artistic effects</b></p> <ul style="list-style-type: none"> <li>Distorting the Contents</li> <li>Use of Artistic Brush</li> <li>Other Artistic tools</li> </ul>