



# Loreto Convent Intermediate College

Lucknow

## Computer Science Syllabus Break Up

### Class XI

#### Unit Test Syllabus

1. System of Numerations
2. Encodings
3. Introduction and Principles of OOPs & Java
4. Primitive values, Wrapper classes, Types and Casting, Variables and Expressions

#### Term 1

1. System of Numerations & Encodings
2. Logic Gates and Hardware
3. Introduction and Principles of OOPs
4. Introduction to Java
5. Objects and classes
6. Primitive values, Wrapper classes, Types and Casting, Variables and Expressions
7. Statements and Scope
8. Arrays
9. Introduction to Python – Fundamentals, Basic elements, Data types

#### Term 2

1. Propositional Logic
2. Hardware Implementation
3. Strings (Java)
4. File Handling (Java)
5. Methods and Constructors (Java)
6. Data Processing, Operators and Expressions (Python)
7. Flow of Control (Python)
8. Trends in Computing and Ethics

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