



***Sir Padampat Singhania Education
Centre***

Kamla Nagar, Kanpur

***Lesson Plan
Session 2026 - 2027
Class: XI***

**Subject
Book**

**: Informatics Practices
: Informatics Practices by Dhanpat Rai Publication**

Subject Coordinator
Name: Richi Sharma

Head of Department
Name: Richi Sharma

Sign: RSA

Sign:



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview

Session: 2026 - 2027

Subject : _____ IP _____

Class : _XI_____

No. of periods : _____

Month	Assessed in	Lesson/s to be covered	Period Count
April	April	Database Concepts: Introduction to database concepts and its need. Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: concept of attribute, domain, tuple, relation, candidate key, primary key, alternate key, foreign key. Structured Query Language: Data Definition Language, Data Query Language and Data Manipulation, Language, Introduction to MySQL: Creating a database, using database, showing tables using MySQL, Data Types : char, varchar, int, float, date	
May	May	Data Query Commands: SELECT-FROM- WHERE, LIKE, BETWEEN, IN, ORDER BY, using arithmetic, logical, relational operators and NULL values in queries, Distinct clause Introduction to PythonBasics of Python programming, Python interpreter - interactive and script mode, the structure of a program,indentation, identifiers, keywords, constants, variables,	
June	X	X	
July	July	types of operators, precedence of operators, data types, mutable and immutable data types, statements, expressions, evaluation of expressions, comments, input and output statements.data type conversion, debugging, control statements: if-else, for loop	
August	August	data type conversion, debugging, control statements: if-else, for loop and while loop.	
September	September	Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions.: len(), list(), append(), extend(), insert(), count(), find(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum()	
October	October	Data Manipulation Commands: INSERT, UPDATE, DELETE. DROP	
November	November	Single row functions in SQL	

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December	December	Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions: len(), dict(), keys(), values(), items(), get(), update(), clear(), del()	
January	January	Introduction to the Emerging Trends Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.	
February	February	Revision	
March	March	Final Exams	

Subject coordinator:

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Monthly Syllabus/Planning overview

Session: 2026 - 2027

Subject : _____ IP _____ Class : _XI_____ No. of periods : _____

Month	Date/Week		Lesson/s to be covered in classroom	Period Count
	From	To		
April	Apr 16, 2026	Apr 30, 2026	Database Concepts: Introduction to database concepts and its need, Database Concepts continued..... Relational data model: concept of attribute, domain, tuple, relation, candidate key, primary key, alternate key, foreign key. Structured Query Language: Data Definition Language, Data Query Language and Data Manipulation, Language, Introduction to MySQL: Creating a database, using database, showing tables using MySQL, Data Types : char, varchar, int, float, date	
May	May 1, 2026	May 31, 2026	Data Query Commands: SELECT-FROM- WHERE, LIKE, BETWEEN, IN, ORDER BY, using arithmetic, logical, relational operators and NULL values in queries, Distinct clause Introduction to PythonBasics of Python programming, Python interpreter - interactive and script mode, the structure of a program,indentation, identifiers, keywords, constants, variables,	
June	June 26, 2026	June 30, 2026	X	
July	July 1, 2026	July 31, 2026	types of operators, precedence of operators, data types, mutable and immutable data types, statements, expressions, evaluation of expressions, comments, input and output statements.data type conversion, debugging, control statements: if-else, for loop	
August	Aug 1, 2026	Aug 31, 2026	data type conversion, debugging, control statements: if-else, for loop and while loop.	
September	Sep 1, 2026	Sep 30, 2026	Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions.: len(), list(), append(), extend(), insert(), count(), find(), remove(), pop(), reverse(), sort(), sorted(), min(), max(), sum()	

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October	Oct 1, 2026	Oct 31, 2026	Data Manipulation Commands: INSERT, UPDATE, DELETE. DROP	
November	Nov 1, 2026	Nov 30, 2026	Single row functions in SQL	
December	Dec 1, 2026	Dec 31, 2026	Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions: len(), dict(), keys(), values(), items(), get(), update(), clear(), del()	
January	Jan 5, 2027	Jan 31, 2027	Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions: len(), dict(), keys(), values(), items(), get(), update(), clear(), del()	
February	Feb 1, 2027	Feb 28, 2027	Revision	
March	Mar 1, 2027	Mar 31, 2027	Final Exams	

Subject coordinator:

HOD:



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Weekly planning overview

Session: 2026

- 2027

Subject : Subject

____IP____

Class : _XI____ No. of periods : ____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _1_: _16/04/2026 ____to____19/04/2026			Period Count: ____
PD1	Database Concepts: Introduction to database concepts and its need		
PD2	Database Concepts continued,,,,,		
PD3	Database Management System. Relational data model: concept of attribute, domain, tuple, relation		
PD4	Lab		
PD5	Lab		
PD6	Lab		
WEEK _2_: _21/04/2026 26/04/2026			Period Count: ____
PD1	candidate key, primary key, alternate key, foreign key.		
PD2	Structured Query Language: Data Definition Language, Data Query Language and Data Manipulation, Language		
PD3	Introduction to MySQL: Creating a database, using database, showing tables using MySQL		
PD4	Lab		
PD5	Lab		
PD6	Lab		

Subject coordinator

Supervisor

Principal/V. Principal



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Weekly planning overview

Session: 2026 2027

Subject : _____ IP _____ Class : _XI_____ No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _3_: _27/04/2026 04/05/2026 Period Count: _____			
PD1	Data Types : char, varchar, int, float, date		
PD2	Data Query Commands: SELECT-FROM- WHERE		
PD3	HOLIDAY		
PD4	Data Query Commands: SELECT-FROM- WHERE continued		
PD5	Lab		
PD6	Lab		
WEEK _4_: _05/05/2026 10/05/2026 Period Count: _____			
PD1	LIKE, BETWEEN, IN, ORDER BY		
PD2	using arithmetic, logical, relational operators and NULL values in queries, Distinct clause		
PD3	Data Query Commands: SELECT-FROM- WHERE, LIKE, BETWEEN, IN, ORDER BY, using arithmetic, logical, relational operators and NULL values in queries, Distinct clause		
PD4	Lab		
PD5	Lab		
PD6	Lab		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhanian Education Centre

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Weekly planning overview

Session: 2026 - 2027

Subject : _____ IP _____ Class : _XI_ No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _5_: _10/05/2026 15/05/2026		Period Count: _____	
PD1	Basics of Python programming, Python interpreter - interactive and script mode, the structure of a program,		
PD2	Lab		
PD3	HOLIDAY		
PD4	indentation, identifiers, keywords, constants, variables, types of operators, precedence of operators		
PD5	Data types, mutable and immutable data types, statements, expressions, evaluation of expressions, comments, input and output statements, data type conversion		
PD6	Lab		
WEEK _6_: _16/05/2026 21/05/2026		Period Count: _____	
PD1	Basic Programming introduction in Python		
PD2	Basic Programming introduction in Python		
PD3	Basic Programming introduction in Python		
PD4	Lab		
PD5	Basic Programming introduction in Python		
PD6	Selection statements		

Subject coordinator

Supervisor

Principal/V. Principal



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Weekly planning overview

Session: 2026 - 2027

Subject : _____ IP _____ Class : _XI_ No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _7_: _22/05/2026 30/05/2026 _____ Period Count: _____			
PD1	Data Handling		
PD2	Data Handling Contd....		
PD3	Lab Session		
PD4	Data Handling		
PD5	Data Handling Contd....		
PD6	Lab Session		
WEEK _8_: _02/06/2026 /06/2026 Period Count: _____			
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
PD4	SUMMER BREAK		
PD5	SUMMER BREAK		
PD6	SUMMER BREAK		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhanian Education Centre

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Weekly planning overview

Session: 2026 - 2027

Subject : _____ IP _____ Class : _XI_____ No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _9_: _09/06/2026 _____14/06/2026 Period Count: _____			
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
PD4	SUMMER BREAK		
PD5	SUMMER BREAK		
PD6	SUMMER BREAK		
WEEK _10_: _16/06/2026 _____21/06/2026 Period Count: _____			
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
PD4	SUMMER BREAK		
PD5	SUMMER BREAK		
PD6	SUMMER BREAK		

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Session: 2026 - 2027

Subject : _____ IP _____ Class : _XI_____ No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _11_: _23/06/2026 _____28/06/2026		Period Count: _____	
PD1	SUMMER BREAK		
PD2	SUMMER BREAK		
PD3	SUMMER BREAK		
PD4	Introduction to if statement		
PD5	if statement continued		
PD6	Programs on if statement		
WEEK _12_: _30/06/2026 05/07/2026		Period Count: _____	
PD1	Practice questions on if statement		
PD2	Lab Session		
PD3	Lab Session		
PD4	Practice questions on if statement		
PD5	Lab Session		
PD6	Introduction to loop		

Subject coordinator

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Session: 2026 - 2027

Subject : _____ IP _____ Class : _XI_____ No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _13_: _____07/07/2026 12/07/2026			Period Count: _____
PD1	Introduction to loop		
PD2	Introduction to loop		
PD3	Introduction to loop		
PD4	Introduction to loop		
PD5	Nested Loops		
PD6	Nested Loops		
WEEK _14_: _14/07/2026 19/07/2026 _____			Period Count: _____
PD1	Nested Loops		
PD2	Nested Loops		
PD3	Nested Loops		
PD4	Nested Loops		
PD5	Nested Loops		
PD6	Nested Loops		

Subject coordinator

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Session: 2026 - 2027

Subject : _____ IP _____ Class : _XI_____ No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _15_: _21/07/2026 _to_26/07/2026			Period Count: _____
PD1	Output based questions		
PD2	Output based questions		
PD3	Lab		
PD4	Output based questions		
PD5	Output based questions		
PD6	Lab		
WEEK _16_: _28/07/2026 _to_02/08/2026			Period Count: _____
PD1	Programs discussed		
PD2	Programs discussed		
PD3	Programs discussed		
PD4	Lab		
PD5	Lab		
PD6	Lab		

Subject coordinator

Supervisor

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Session: 2026 - 2027

Subject : __IP__

Class : _XI_

No. of periods : ____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _17_: _04/08/2026 09/08/2026 Period Count: ____			
PD1	Output based questions		
PD2	Output based questions		
PD3	Lab		
PD4	Lab		
PD5	Lab		
PD6	HOLIDAY		
WEEK _18_: _11/08/2026 16/08/2026 Period Count: ____			
PD1	Lists: list operations - creating, initializing		
PD2	Lab		
PD3	traversing and manipulating lists		
PD4	Lab		
PD5	HOLIDAY		
PD6	HOLIDAY		

Subject coordinator

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Session: 2026 - 2027

Subject : __IP__

Class : _XI_

No. of periods : ____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _19_: _18/08/2026 23/08/2026 _____ Period Count: _____			
PD1	list methods and built-in functions.: len(), list(), append()		
PD2	, extend(), insert(), count(), find(), remove(), pop(), reverse()		
PD3	sort(), sorted(), min(), max(), sum()		
PD4	Lab		
PD5	Lab		
PD6	Lab		
WEEK _20_: _25/08/2026 30/08/2026 _____ Period Count: _____			
PD1	Revise		
PD2	Revise		
PD3	Revise		
PD4	Revise		
PD5	Revise		
PD6	Revise		

Subject coordinator

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Weekly planning overview

Session: 2026 - 2027

Subject : __IP__

Class : _XI_

No. of periods : ____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _21_: _01/09/2026 06/09/2026		Period Count: ____	
PD1	Revise		
PD2	Revise		
PD3	Revise		
PD4	Revise		
PD5	HOLIDAY		
PD6	Revise		
WEEK _22_: ____08/09/2026 to _13/09/26_		Period Count: ____	
PD1	Introduction to Update command		
PD2	Introduction to Update command		
PD3	Introduction to Update command		
PD4	HOLIDAY		
PD5	Practice Questions on Update		
PD6	Lab		

Subject coordinator

Supervisor

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Weekly planning overview

Session: 2026 - 2027

Subject : __IP__

Class : _XI_

No. of periods : ____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _23_: _15/09/2026 ____to____20/09/2026			Period Count: ____
PD1	Output based questions		
PD2	Output based questions		
PD3	ALTER command		
PD4	HOLIDAY		
PD5	Lab Exercise on ALTER		
PD6	Lab Exercise on ALTER		
WEEK _24_: ____22/09/2026 ____27/09/2026			Period Count: ____
PD1	Problem Solving		
PD2	Problem Solving		
PD3	Problem Solving		
PD4	Problem Solving		
PD5	Problem Solving		
PD6	Problem Solving		

Subject coordinator

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Weekly planning overview

Session: 2026 - 2027

Subject : __IP__

Class : _XI_

No. of periods : ____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _25_: _29/09/2026 _to_ 04/10/2026			Period Count: ____
PD1	Problem Solving		
PD2	HOLIDAY		
PD3	HOLIDAY		
PD4	HOLIDAY		
PD5	Introduction to Single row functions		
PD6	Introduction to Single row functions		
WEEK _26_: _06/10/2026 11/10/2026 ____			Period Count: ____
PD1	Introduction to Single row functions		
PD2	Introduction to Single row functions		
PD3	Introduction to Single row functions		
PD4	Introduction to Single row functions		
PD5	Introduction to Single row functions		
PD6	Introduction to Single row functions		

Subject coordinator

Supervisor

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Session: 2026 - 2027

Subject : __IP__

Class : _XI_

No. of periods : ____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _27_: _13/10/2026 _to_18/10/2026			Period Count: ____
PD1	HOLIDAY		
PD2	Math Functions		
PD3	Math Functions		
PD4	Math Functions		
PD5	Math Functions		
PD6	Math Functions		
WEEK _28_: _20/10/2026 21/10/2026 ____			Period Count: ____
PD1	HOLIDAY		
PD2	HOLIDAY		
PD3	HOLIDAY		
PD4	HOLIDAY		
PD5	Dictionary: concept of key-value pair, creating dictionary		
PD6	Lab		

Subject coordinator

Supervisor

Principal/V. Principal

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	Weekly planning overview		
	initializing, traversing, updating and deleting elements,		



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Session: 2026 - 2027

Subject : __IP__

Class : _XI_

No. of periods : ____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _29_: _27/10/2026 30/11/2026 ____ Period Count: ____			
PD1	Dictionary in Python		
PD2	Dictionary in Python		
PD3	Dictionary in Python		
PD4	Dictionary in Python		
PD5	HOLIDAY		
PD6	Dictionary in Python		
WEEK _30_: _03/11/2026 ____08/11/2026 Period Count: ____			
PD1	HOLIDAY		
PD2	HOLIDAY		
PD3	Dictionary in Python		
PD4	Dictionary in Python		
PD5	Dictionary in Python		
PD6	Dictionary in Python		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

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Weekly planning overview

Session: 2026 2027

Subject : _____IP_____

Class : XI_

No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _31_: _10/11/2026 _____to____15/11/2026			Period Count: _____
PD1	Dictionary in Python		
PD2	Dictionary in Python		
PD3	Dictionary in Python		
PD4	Dictionary in Python		
PD5	Dictionary in Python		
PD6	Dictionary in Python		
WEEK _32_: _17/11/2026 22/11/2026 _____			Period Count: _____
PD1	Dictionary in Python		
PD2	Dictionary in Python		
PD3	HOLIDAY		
PD4	Dictionary in Python		
PD5	HOLIDAY		
PD6	HOLIDAY		

Subject coordinator

Supervisor

Principal/V. Principal



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Weekly planning overview

Session: 2026 2027

Subject : _____IP_____

Class : XI_

No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK_33_: _24/11/2026 _____to_29/11/2026			Period Count: _____
PD1	HOLIDAY		
PD2	HOLIDAY		
PD3	Dictionary in Python		
PD4	Dictionary in Python		
PD5	Dictionary in Python		
PD6	Dictionary in Python		
WEEK_34_: _01/12/2026 _____06/12/2026			Period Count: _____
PD1	Dictionary in Python		
PD2	Dictionary in Python		
PD3	Dictionary in Python		
PD4	Dictionary in Python		
PD5	HOLIDAY		
PD6	Dictionary in Python		

Subject coordinator

Supervisor

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Session: 2026 - 2027

Subject : _____IP_____

Class : _XI_

No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _35_: _08/12/2026 _to_ _13/12/2026		Period Count: _____	
PD1	HOLIDAY		
PD2	Dictionary in Python		
PD3	Dictionary in Python		
PD4	Dictionary in Python		
PD5	Dictionary in Python		
PD6	Dictionary in Python		
WEEK _36_: _15/12/2026 _to_ _20/12/2026		Period Count: _____	
PD1	Introduction to the Emerging Trends		
PD2	Introduction to the Emerging Trends		
PD3	Introduction to the Emerging Trends		
PD4	Introduction to the Emerging Trends		
PD5	Introduction to the Emerging Trends		
PD6	Introduction to the Emerging Trends		

Subject coordinator

Supervisor

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Session: 2026 - 2027

Subject : _____IP_____

Class : _XI_

No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _37_: _22/12/2026 _to_27/12/2026 _			Period Count: _____
PD1	Introduction to the Emerging Trends		
PD2	Introduction to the Emerging Trends		
PD3	Introduction to the Emerging Trends		
PD4	HOLIDAY		
PD5	Introduction to the Emerging Trends		
PD6	Introduction to the Emerging Trends		
WEEK _38_: _29/12/2026 05/01/2027 _____			Period Count: _____
PD1	Introduction to the Emerging Trends		
PD2	Introduction to the Emerging Trends		
PD3	HOLIDAY		
PD4	HOLIDAY		
PD5	HOLIDAY		
PD6	HOLIDAY		

Subject coordinator

Supervisor

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Session: 2026 - 2027

Subject : _____IP_____

Class : _XI_

No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _39_: _____05/01/2027 _____10/01/2027			Period Count: _____
PD1	Revision – Loops		
PD2	Revision – Loops		
PD3	Revision – Loops		
PD4	Revision – Loops		
PD5	Revision – Loops		
PD6	Revision – Loops		
WEEK _40_: _12/01/2027 _____to_____17/01/2027			Period Count: _____
PD1	Revision – Loops		
PD2	Revision – Loops		
PD3	HOLIDAY		
PD4	Revision – Loops		
PD5	Revision – Loops		
PD6	Revision – Loops		

Subject coordinator

Supervisor

Principal/V. Principal



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Subject : _____IP_____

Class : _XI_

No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _41_: _19/01/2027 24/01/2027 _____ Period Count: _____			
PD1	Revision – Loops		
PD2	HOLIDAY		
PD3	Revision – List		
PD4	Revision – List		
PD5	Revision – List		
PD6	Revision – List		
WEEK _42_: _26/01/2027 ____to____31/01/2027 Period Count: _____			
PD1	Revision – List		
PD2	HOLIDAY		
PD3	Revision – List		
PD4	Revision – List		
PD5	Revision – List		
PD6	Revision – List		

Subject coordinator

Supervisor

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Weekly planning overview

Session: 2026 - 2027

Subject : _____IP_____

Class : _XI_

No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _43_: _____02/02/2027 _____07/02/2027			Period Count: _____
PD1	Revision – List		
PD2	HOLIDAY		
PD3	HOLIDAY		
PD4	HOLIDAY		
PD5	Revision – List		
PD6	Revision – List		
WEEK _44_: _____09/02/2027 _____14/02/2027			Period Count: _____
PD1	Revision – List		
PD2	Revision – List		
PD3	Revision – List		
PD4	Revision – List		
PD5	Revision – List		
PD6	Revision – List		

Subject coordinator

Supervisor

Principal/V. Principal



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Subject : _____IP_____

Class : _XI_

No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _45_: _16/02/2027 21/02/2027		Period Count: _____	
PD1	Revision – List		
PD2	Revision – List		
PD3	Revision – List		
PD4	Practice Test and Revision		
PD5	Practice Test and Revision		
PD6	Practice Test and Revision		
WEEK _46_: _23/02/2027 _to_28/02/2027		Period Count: _____	
PD1	Revision – Tuples Dictionary		
PD2	Revision – Tuples Dictionary		
PD3	HOLIDAY		
PD4	Practice Test and Revision		
PD5	Practice Test and Revision		
PD6	Practice Test and Revision		

Subject coordinator

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Session: 2026 - 2027

Subject : _____IP_____

Class : _XI_

No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _47_: _02/03/2027 07/03/2027 Period Count: _____			
PD1	Practice Test and Revision		
PD2	Practice Test and Revision		
PD3	Practice Test and Revision		
PD4	Practice Test and Revision		
PD5	Examination		
PD6	HOLIDAY		
WEEK _48_: _09/03/2027 _to_ 14/03/2027 Period Count: _____			
PD1	Examination		
PD2	Examination		
PD3	Examination		
PD4	Examination		
PD5	Examination		
PD6	Examination		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhan Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : _____IP_____

Class : _XI_

No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _49_: _16/03/2027 _to_21/03/2027			Period Count: _____
PD1	Examination		
PD2	Examination		
PD3	Examination		
PD4	Examination		
PD5	Examination		
PD6	HOLIDAY		
WEEK _50_: _23/03/2027 _to_28/03/2027			Period Count: _____
PD1	Examination		
PD2	Examination		
PD3	Examination		
PD4	HOLIDAY		
PD5	Examination		
PD6	Examination		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhanian Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2026 - 2027

Subject : _____IP_____

Class : _XI_

No. of periods : _____

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK _51_: _30/03/2027 _to_04/04/2027		Period Count: _____	
PD1	Examination		
PD2	Examination		
PD3	XXX		
PD4	XXX		
PD5	XXX		
PD6	XXX		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre,

Kamla Nagar, Kanpur

Book : Informatics Practices
Publication : Dhanpat Rai
Lesson : Loops

Class : XI
Session: 2026 - 2027
Subject: IP

Lesson Plan

Ques 1. What are the types of loops in Python?

Ans. for, while are the two types of loops in python

(Ref.: Page 1)

Ques 2. What are the parts of loops?

Ans. There are 4 parts of loops . initialization of a variable , condition , body of a loop , increment / decrement

(Ref.: Page 1)

Ques 3. What is the use of the break statement?

Ans. it is used to stop the execution of the loop . it can be used in while and for

(Ref.: Page 1)

Note: This lesson contains one worksheet.



Sir Padampat Singhania Education

Centre

Kamla Nagar, Kanpur

Lesson plan implementation report

Session: 2026 - 2027

Term	:	Assessment	:
From Date	:	To Date	:
Subject	:	Class	:
Book	:	No. of periods	:

Section	Subject Teacher	Lesson/s to be covered according to lesson plan	Status Yes/No	Reason if not completed

Subject coordinator:

HOD:

Remarks:

Subject coordinator:

HOD: