



***Sir Padampat Singhania Education  
Centre***

***Kamla Nagar, Kanpur***

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

**Subject  
Book**

**: Computer Science  
: Computer Science by Sultan Chand Publication**

**Subject Coordinator  
Name: Vikrant Kapoor**

**Head of Department  
Name: Vikrant Kapoor**

**Sign: VIK**

**Sign:**



# Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

## Yearly Syllabus/Planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : \_XI\_\_\_\_\_

No. of periods : \_\_\_\_\_

| Month     | Assessed in | Lesson/s to be covered                        | Period Count |
|-----------|-------------|-----------------------------------------------|--------------|
| April     | April       | Introduction to Python, Statements, Operators |              |
| May       | May         | Selection statements, Introduction to Loops   |              |
| June      | X           | X                                             |              |
| July      | July        | Loops in Python, Strings                      |              |
| August    | August      | List in Python                                |              |
| September | September   | Computer Organization                         |              |
| October   | October     | Computer Organization                         |              |
| November  | November    | Tuples and Dictionaries in Python             |              |
| December  | December    | Cyber safety and measures                     |              |
| January   | January     | Revision                                      |              |
| February  | February    | Revision                                      |              |
| March     | March       | Final Exams                                   |              |
|           |             |                                               |              |
|           |             |                                               |              |
|           |             |                                               |              |
|           |             |                                               |              |
|           |             |                                               |              |

Subject coordinator: VIK

HOD: VIK



# Sir Padampat Singhanian Education Centre

Kamla Nagar, Kanpur

## Monthly Syllabus/Planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

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  | Introduction to Python, Statements, Operators |              |
| May       | May 1, 2026   | May 31, 2026  | Selection statements, Introduction to Loops   |              |
| June      | June 26, 2026 | June 30, 2026 | X                                             |              |
| July      | July 1, 2026  | July 31, 2026 | Loops in Python, Strings                      |              |
| August    | Aug 1, 2026   | Aug 31, 2026  | List in Python                                |              |
| September | Sep 1, 2026   | Sep 30, 2026  | Computer Organization                         |              |
| October   | Oct 1, 2026   | Oct 31, 2026  | Computer Organization                         |              |
| November  | Nov 1, 2026   | Nov 30, 2026  | Tuples and Dictionaries in Python             |              |
| December  | Dec 1, 2026   | Dec 31, 2026  | Cyber safety and measures                     |              |
| January   | Jan 5, 2027   | Jan 31, 2027  | Revision                                      |              |
| February  | Feb 1, 2027   | Feb 28, 2027  | Revision                                      |              |
| March     | Mar 1, 2027   | Mar 31, 2027  | Final Exams                                   |              |
|           |               |               |                                               |              |
|           |               |               |                                               |              |
|           |               |               |                                               |              |
|           |               |               |                                               |              |
|           |               |               |                                               |              |

Subject coordinator: VIK

HOD: VIK



# Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : Subject \_\_\_\_\_CS\_\_\_\_\_ Class : \_XI\_\_\_\_\_ No. of periods : \_\_\_\_\_

| Period                                       | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(Reason if No) |
|----------------------------------------------|------------------------------------|----------|-----------------------------------|
| WEEK _1_: _16/04/2026 _____to_____19/04/2026 |                                    |          | Period Count: _____               |
| PD1                                          | Introduction to Python             |          |                                   |
| PD2                                          | Introduction to Python             |          |                                   |
| PD3                                          | Introduction to Python             |          |                                   |
| PD4                                          | Introduction to Python             |          |                                   |
| PD5                                          | Introduction to Python             |          |                                   |
| PD6                                          | Introduction to Python             |          |                                   |
| WEEK _2_: _21/04/2026 _____26/04/2026        |                                    |          | Period Count: _____               |
| PD1                                          | Introduction to Python             |          |                                   |
| PD2                                          | Introduction to Python             |          |                                   |
| PD3                                          | Introduction to Python             |          |                                   |
| PD4                                          | Statements and Operators           |          |                                   |
| PD5                                          | Statements and Operators           |          |                                   |
| PD6                                          | Statements and Operators           |          |                                   |

Subject coordinator

Supervisor

Principal/V. Principal



# Sir Padampat Singhanian Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 2027

Subject : \_\_\_\_\_ CS \_\_\_\_\_ Class : \_XI\_\_\_\_\_ No. of periods : \_\_\_\_\_

| Period                                               | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(Reason if No) |
|------------------------------------------------------|------------------------------------|----------|-----------------------------------|
| WEEK _3_: _27/04/2026 04/05/2026 Period Count: _____ |                                    |          |                                   |
| PD1                                                  | Statements and Operators           |          |                                   |
| PD2                                                  | Statements and Operators           |          |                                   |
| PD3                                                  | Statements and Operators           |          |                                   |
| PD4                                                  | Statements and Operators           |          |                                   |
| PD5                                                  | Statements and Operators           |          |                                   |
| PD6                                                  | Selection statements               |          |                                   |
| WEEK _4_: _05/05/2026 10/05/2026 Period Count: _____ |                                    |          |                                   |
| PD1                                                  | Selection statements               |          |                                   |
| PD2                                                  | Selection statements               |          |                                   |
| PD3                                                  | Selection statements               |          |                                   |
| PD4                                                  | Selection statements               |          |                                   |
| PD5                                                  | Selection statements               |          |                                   |
| PD6                                                  | Selection statements               |          |                                   |

Subject coordinator

Supervisor

Principal/V. Principal



# Sir Padampat Singhan Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : \_XI\_

No. of periods : \_\_\_\_\_

| Period                                            | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(Reason if No) |
|---------------------------------------------------|------------------------------------|----------|-----------------------------------|
| WEEK 5: 10/05/2026 15/05/2026 Period Count: _____ |                                    |          |                                   |
| PD1                                               | Selection statements               |          |                                   |
| PD2                                               | Selection statements               |          |                                   |
| PD3                                               | HOLIDAY                            |          |                                   |
| PD4                                               | Selection statements               |          |                                   |
| PD5                                               | Selection statements               |          |                                   |
| PD6                                               | Selection statements               |          |                                   |
| WEEK 6: 16/05/2026 21/05/2026 Period Count: _____ |                                    |          |                                   |
| PD1                                               | Selection statements               |          |                                   |
| PD2                                               | Selection statements               |          |                                   |
| PD3                                               | Selection statements               |          |                                   |
| PD4                                               | Selection statements               |          |                                   |
| PD5                                               | Selection statements               |          |                                   |
| PD6                                               | Selection statements               |          |                                   |

Subject coordinator

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Principal/V. Principal



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Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : \_XI\_

No. of periods : \_\_\_\_\_

| Period                                                                  | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(Reason if No) |
|-------------------------------------------------------------------------|------------------------------------|----------|-----------------------------------|
| WEEK _7_: _22/05/2026      30/05/2026      _____<br>Period Count: _____ |                                    |          |                                   |
| PD1                                                                     | Introduction to loop               |          |                                   |
| PD2                                                                     | Introduction to loop               |          |                                   |
| PD3                                                                     | Introduction to loop               |          |                                   |
| PD4                                                                     | Introduction to loop               |          |                                   |
| PD5                                                                     | Introduction to loop               |          |                                   |
| PD6                                                                     | Introduction to loop               |          |                                   |
| WEEK _8_: _02/06/2026      /06/2026      _____<br>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



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Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_ Class : \_XI\_\_\_\_\_ No. of periods : \_\_\_\_\_

| Period                                                     | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(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                       |          |                                   |

Subject coordinator

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## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_ CS \_\_\_\_\_ Class : \_XI\_\_\_\_\_ No. of periods : \_\_\_\_\_

| Period                                                     | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(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 loop               |          |                                   |
| PD5                                                        | Introduction to loop               |          |                                   |
| PD6                                                        | Introduction to loop               |          |                                   |
| WEEK _12_: _30/06/2026 05/07/2026 Period Count: _____      |                                    |          |                                   |
| PD1                                                        | Introduction to loop               |          |                                   |
| PD2                                                        | Introduction to loop               |          |                                   |
| PD3                                                        | Introduction to loop               |          |                                   |
| PD4                                                        | Introduction to loop               |          |                                   |
| PD5                                                        | Introduction to loop               |          |                                   |
| PD6                                                        | Introduction to loop               |          |                                   |

Subject coordinator

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## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_ CS \_\_\_\_\_ Class : \_XI\_\_\_\_\_ No. of periods : \_\_\_\_\_

| Period                                                          | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(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                                                             | Strings in Python                  |          |                                   |
| PD6                                                             | Strings in Python                  |          |                                   |
| WEEK _14_: _____14/07/2026 19/07/2026 _____ Period Count: _____ |                                    |          |                                   |
| PD1                                                             | Strings in Python                  |          |                                   |
| PD2                                                             | Strings in Python                  |          |                                   |
| PD3                                                             | Strings in Python                  |          |                                   |
| PD4                                                             | Strings in Python                  |          |                                   |
| PD5                                                             | Strings in Python                  |          |                                   |
| PD6                                                             | Strings in Python                  |          |                                   |

Subject coordinator

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## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_ Class : \_XI\_\_\_\_\_ No. of periods : \_\_\_\_\_

| Period                                    | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(Reason if No) |
|-------------------------------------------|------------------------------------|----------|-----------------------------------|
| WEEK _15_: _21/07/2026 _____to_26/07/2026 |                                    |          | Period Count: _____               |
| PD1                                       | Strings in Python                  |          |                                   |
| PD2                                       | Strings in Python                  |          |                                   |
| PD3                                       | Strings in Python                  |          |                                   |
| PD4                                       | Strings in Python                  |          |                                   |
| PD5                                       | Strings in Python                  |          |                                   |
| PD6                                       | List in Python                     |          |                                   |
| WEEK _16_: _28/07/2026 _____to_02/08/2026 |                                    |          | Period Count: _____               |
| PD1                                       | List in Python                     |          |                                   |
| PD2                                       | List in Python                     |          |                                   |
| PD3                                       | List in Python                     |          |                                   |
| PD4                                       | List in Python                     |          |                                   |
| PD5                                       | List in Python                     |          |                                   |
| PD6                                       | List in Python                     |          |                                   |

Subject coordinator

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## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_CS\_\_

Class : \_XI\_

No. of periods : \_\_\_\_

| Period                                                         | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(Reason if No) |
|----------------------------------------------------------------|------------------------------------|----------|-----------------------------------|
| WEEK _17_: _04/08/2026      09/08/2026      Period Count: ____ |                                    |          |                                   |
| PD1                                                            | List in Python                     |          |                                   |
| PD2                                                            | List in Python                     |          |                                   |
| PD3                                                            | List in Python                     |          |                                   |
| PD4                                                            | List in Python                     |          |                                   |
| PD5                                                            | List in Python                     |          |                                   |
| PD6                                                            | HOLIDAY                            |          |                                   |
| WEEK _18_: _11/08/2026      16/08/2026      Period Count: ____ |                                    |          |                                   |
| PD1                                                            | Computer Organization              |          |                                   |
| PD2                                                            | Computer Organization              |          |                                   |
| PD3                                                            | Computer Organization              |          |                                   |
| PD4                                                            | Computer Organization              |          |                                   |
| PD5                                                            | HOLIDAY                            |          |                                   |
| PD6                                                            | HOLIDAY                            |          |                                   |

Subject coordinator

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Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_CS\_\_

Class : \_XI\_

No. of periods : \_\_\_\_

| Period                                                                | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(Reason if No) |
|-----------------------------------------------------------------------|------------------------------------|----------|-----------------------------------|
| WEEK _19_: _18/08/2026      23/08/2026      _____ Period Count: _____ |                                    |          |                                   |
| PD1                                                                   | Computer Organization              |          |                                   |
| PD2                                                                   | Computer Organization              |          |                                   |
| PD3                                                                   | Computer Organization              |          |                                   |
| PD4                                                                   | Computer Organization              |          |                                   |
| PD5                                                                   | Computer Organization              |          |                                   |
| PD6                                                                   | Computer Organization              |          |                                   |
| WEEK _20_: _25/08/2026      30/08/2026      _____ Period Count: _____ |                                    |          |                                   |
| PD1                                                                   | Computer Organization              |          |                                   |
| PD2                                                                   | Computer Organization              |          |                                   |
| PD3                                                                   | Computer Organization              |          |                                   |
| PD4                                                                   | Computer Organization              |          |                                   |
| PD5                                                                   | Computer Organization              |          |                                   |
| PD6                                                                   | Computer Organization              |          |                                   |

Subject coordinator

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# Sir Padampat Singhan Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_CS\_\_

Class : \_XI\_

No. of periods : \_\_\_\_

| Period                                       | Topic/s to be covered in classroom | Homework           | Status (Yes/No)<br>(Reason if No) |
|----------------------------------------------|------------------------------------|--------------------|-----------------------------------|
| WEEK _21_: _01/09/2026      06/09/2026       |                                    | Period Count: ____ |                                   |
| PD1                                          | Computer Organization              |                    |                                   |
| PD2                                          | Computer Organization              |                    |                                   |
| PD3                                          | Computer Organization              |                    |                                   |
| PD4                                          | Computer Organization              |                    |                                   |
| PD5                                          | HOLIDAY                            |                    |                                   |
| PD6                                          | Computer Organization              |                    |                                   |
| WEEK _22_: ____08/09/2026      to _13/09/26_ |                                    | Period Count: ____ |                                   |
| PD1                                          | Computer Organization              |                    |                                   |
| PD2                                          | Computer Organization              |                    |                                   |
| PD3                                          | Computer Organization              |                    |                                   |
| PD4                                          | HOLIDAY                            |                    |                                   |
| PD5                                          | Computer Organization              |                    |                                   |
| PD6                                          | Computer Organization              |                    |                                   |

Subject coordinator

Supervisor

Principal/V. Principal



# Sir Padampat Singhan Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_CS\_\_

Class : \_XI\_

No. of periods : \_\_\_\_

| Period                                                                 | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(Reason if No) |
|------------------------------------------------------------------------|------------------------------------|----------|-----------------------------------|
| WEEK _23_: _15/09/2026      __to__ _20/09/2026      Period Count: ____ |                                    |          |                                   |
| PD1                                                                    | Tuples in Python                   |          |                                   |
| PD2                                                                    | Tuples in Python                   |          |                                   |
| PD3                                                                    | Tuples in Python                   |          |                                   |
| PD4                                                                    | HOLIDAY                            |          |                                   |
| PD5                                                                    | Tuples in Python                   |          |                                   |
| PD6                                                                    | Tuples in Python                   |          |                                   |
| WEEK _24_: ____22/09/2026      ____27/09/2026      Period Count: ____  |                                    |          |                                   |
| PD1                                                                    | Tuples in Python                   |          |                                   |
| PD2                                                                    | Tuples in Python                   |          |                                   |
| PD3                                                                    | Tuples in Python                   |          |                                   |
| PD4                                                                    | Tuples in Python                   |          |                                   |
| PD5                                                                    | Tuples in Python                   |          |                                   |
| PD6                                                                    | Tuples in Python                   |          |                                   |

Subject coordinator

Supervisor

Principal/V. Principal



# Sir Padampat Singhan Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_CS\_\_

Class : \_XI\_

No. of periods : \_\_\_\_

| Period                                           | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(Reason if No) |
|--------------------------------------------------|------------------------------------|----------|-----------------------------------|
| WEEK _25_: _29/09/2026      _to_ 04/10/2026      |                                    |          | Period Count: ____                |
| PD1                                              | Tuples in Python                   |          |                                   |
| PD2                                              | HOLIDAY                            |          |                                   |
| PD3                                              | HOLIDAY                            |          |                                   |
| PD4                                              | HOLIDAY                            |          |                                   |
| PD5                                              | Tuples in Python                   |          |                                   |
| PD6                                              | Tuples in Python                   |          |                                   |
| WEEK _26_: _06/10/2026      11/10/2026      ____ |                                    |          | Period Count: ____                |
| PD1                                              | Tuples in Python                   |          |                                   |
| PD2                                              | Tuples in Python                   |          |                                   |
| PD3                                              | Tuples in Python                   |          |                                   |
| PD4                                              | Tuples in Python                   |          |                                   |
| PD5                                              | Tuples in Python                   |          |                                   |
| PD6                                              | Tuples in Python                   |          |                                   |

Subject coordinator

Supervisor

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## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_CS\_\_

Class : \_\_XI\_\_

No. of periods : \_\_\_\_

| Period                                           | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(Reason if No) |
|--------------------------------------------------|------------------------------------|----------|-----------------------------------|
| WEEK _27_: _13/10/2026      _to_18/10/2026       |                                    |          | Period Count: ____                |
| PD1                                              | HOLIDAY                            |          |                                   |
| PD2                                              | Tuples in Python                   |          |                                   |
| PD3                                              | Tuples in Python                   |          |                                   |
| PD4                                              | Tuples in Python                   |          |                                   |
| PD5                                              | Tuples in Python                   |          |                                   |
| PD6                                              | Tuples in Python                   |          |                                   |
| WEEK _28_: _20/10/2026      21/10/2026      ____ |                                    |          | Period Count: ____                |
| PD1                                              | HOLIDAY                            |          |                                   |
| PD2                                              | HOLIDAY                            |          |                                   |
| PD3                                              | HOLIDAY                            |          |                                   |
| PD4                                              | HOLIDAY                            |          |                                   |
| PD5                                              | Tuples in Python                   |          |                                   |
| PD6                                              | Tuples in Python                   |          |                                   |

Subject coordinator

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## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_CS\_\_

Class : \_XI\_

No. of periods : \_\_\_\_

| Period                                                                | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(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               |          |                                   |

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## Weekly planning overview

Session: 2026 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : XI\_

No. of periods : \_\_\_\_\_

| Period                                      | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(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

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## Weekly planning overview

Session: 2026 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : XI\_

No. of periods : \_\_\_\_\_

| Period                                   | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(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

Principal/V. Principal



# Sir Padampat Singhanian Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : \_XI\_

No. of periods : \_\_\_\_\_

| Period                                        | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(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                                           | Cyber Security and Measures        |          |                                   |
| PD2                                           | Cyber Security and Measures        |          |                                   |
| PD3                                           | Cyber Security and Measures        |          |                                   |
| PD4                                           | Cyber Security and Measures        |          |                                   |
| PD5                                           | Cyber Security and Measures        |          |                                   |
| PD6                                           | Cyber Security and Measures        |          |                                   |

Subject coordinator

Supervisor

Principal/V. Principal



# Sir Padampat Singhanian Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : \_XI\_

No. of periods : \_\_\_\_\_

| Period                                                              | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(Reason if No) |
|---------------------------------------------------------------------|------------------------------------|----------|-----------------------------------|
| WEEK _37_: _22/12/2026      _to_27/12/2026      Period Count: _____ |                                    |          |                                   |
| PD1                                                                 | Cyber Security and Measures        |          |                                   |
| PD2                                                                 | Cyber Security and Measures        |          |                                   |
| PD3                                                                 | Cyber Security and Measures        |          |                                   |
| PD4                                                                 | HOLIDAY                            |          |                                   |
| PD5                                                                 | Cyber Security and Measures        |          |                                   |
| PD6                                                                 | Cyber Security and Measures        |          |                                   |
| WEEK _38_: _29/12/2026      05/01/2027      Period Count: _____     |                                    |          |                                   |
| PD1                                                                 | Cyber Security and Measures        |          |                                   |
| PD2                                                                 | Cyber Security and Measures        |          |                                   |
| PD3                                                                 | HOLIDAY                            |          |                                   |
| PD4                                                                 | HOLIDAY                            |          |                                   |
| PD5                                                                 | HOLIDAY                            |          |                                   |
| PD6                                                                 | HOLIDAY                            |          |                                   |

Subject coordinator

Supervisor

Principal/V. Principal



# Sir Padampat Singhanian Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : \_XI\_

No. of periods : \_\_\_\_\_

| Period                                                                | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(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



# Sir Padampat Singhan Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : \_XI\_

No. of periods : \_\_\_\_\_

| Period                                                                    | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(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

Principal/V. Principal



# Sir Padampat Singhan Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : \_XI\_

No. of periods : \_\_\_\_\_

| Period                                                         | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(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



# Sir Padampat Singhan Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : \_XI\_

No. of periods : \_\_\_\_\_

| Period                                                              | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(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

Supervisor

Principal/V. Principal



# Sir Padampat Singhan Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : \_XI\_

No. of periods : \_\_\_\_\_

| Period                                                               | Topic/s to be covered in classroom | Homework | Status (Yes/No)<br>(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 Singhania Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : \_XI\_

No. of periods : \_\_\_\_\_

| Period                                       | Topic/s to be covered in classroom | Homework            | Status (Yes/No)<br>(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 Singhan Education Centre

Kamla Nagar, Kanpur

## Weekly planning overview

Session: 2026 - 2027

Subject : \_\_\_\_\_CS\_\_\_\_\_

Class : \_XI\_

No. of periods : \_\_\_\_\_

| Period                                     | Topic/s to be covered in classroom | Homework            | Status (Yes/No)<br>(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                                |                     |                                   |
|                                            |                                    |                     |                                   |
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Subject coordinator

Supervisor

Principal/V. Principal



# ***Sir Padampat Singhania Education Centre,***

***Kamla Nagar, Kanpur***

Book : Computer Science  
Publication : Sultan Chand  
Lesson : Loops

Class : XI  
Session: 2026 - 2027  
Subject: CS

## **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 |
|---------|-----------------|-------------------------------------------------|---------------|-------------------------|
|         |                 |                                                 |               |                         |
|         |                 |                                                 |               |                         |
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Subject coordinator:

HOD:

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**Remarks:**

Subject coordinator:

HOD: