



Sir Padampat Singhania Education Centre
Kamla Nagar, Kanpur

Lesson Plan
Session 2025 - 2026
Class: XI

Subject : **BIOTECHNOLOGY**
Book : **NCERT**

Subject Coordinator
Name:

Sign:

Head of Department
Name: MAYURI SENGAR KANJILAL

Sign:



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Yearly Syllabus/Planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 219

Month	Assessed in	Lesson/s to be covered	Period Count
APRIL	Test 1, Half Yearly Exam, final exam	Chapter 1: Biotechnology: An Overview	20
MAY	Test 1, Half Yearly Exam, final exam	Chapter 2: The Basic Unit of Life Chapter 3: Cell Growth and Development	25
JUNE	-	-	01
JULY	Half Yearly Exam, final exam	Chapter 4 : Biomolecules: Building Blocks	26
AUGUST	Half Yearly Exam, final exam	Chapter 5 : Macromolecules: Structure & Function	25
SEPTEMBER	Test 2, Final Exams	Chapter 6 : Concepts of Genetics	24
OCTOBER	Test 2, Final Exams	Chapter 7: Genes and Genomes: Structure and Function	19
NOVEMBER	Test 2, Final Exams	Revision of full syllabus	23
DECEMBER	Final Exams	Revision of full syllabus	25
JANUARY	Final Exams	Revision of full syllabus	18
FEBRUARY	Final Exams	Revision of full syllabus	13
MARCH	-	FINAL EXAMINATION	

Subject coordinator:

HOD:



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Monthly Syllabus/Planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 219

Month	Date/Week		Lesson/s to be covered in classroom	Period Count
	From	To		
APRIL	03-04-25	30-04-25	Chapter 1: Biotechnology: An Overview	20
MAY	01-05-25	31-05-25	Chapter 2: The Basic Unit of Life Chapter 3: Cell Growth and Development	25
JUNE	01-06-25	30-06-25	-	01
JULY	01-07-25	31-07-25	Chapter 4 : Biomolecules: Building Blocks	26
AUG	01-08-25	31-08-25	Chapter 5 : Macromolecules: Structure & Function	25
SEP	01-09-25	30-09-25	Chapter 6 : Concepts of Genetics	24
OCT	01-10-25	31-10-25	Chapter 7: Genes and Genomes: Structure and Function	19
NOV	01-11-25	30-11-25	Revision of full syllabus	23
DEC	01-12-25	31-12-25	Revision of full syllabus	25
JAN	01-01-26	31-01-26	Revision of full syllabus	18
FEB	01-02-26	29-02-26	Revision of full syllabus	13
MARCH	01-03-26	15-03-26	FINAL EXAMINATION	

Subject coordinator:

HOD:



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY Class : XI No. of periods : 07

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 1: 03-04-25 to 05-04-25		Period Count: 03	
PD1			
PD2			
PD3			
PD4	EXTRACURRICULAR ACTIVITIES		
PD5	EXTRACURRICULAR ACTIVITIES		
LAB	EXTRACURRICULAR ACTIVITIES		
WEEK 2 : 07.04.25 to 12.04.25		Period Count: 04	
PD1	EXTRACURRICULAR ACTIVITIES		
PD2	EXTRACURRICULAR ACTIVITIES		
PD3	EXTRACURRICULAR ACTIVITIES		
PD4	Mahaveer jayanti Holiday		
PD5	EXTRACURRICULAR ACTIVITIES		
LAB	SECOND Saturday		

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 10

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 3: 14-04-25 to 19-04-25		Period Count: 04	
PD1	AMBEDKAR JAYANTI HOLIDAY		
PD2	CHAPTER 1 STARTS	Learn the notes	Yes
PD3	Historical Perspectives	Learn the notes	Yes
PD4	Historical Perspectives	Learn the notes	Yes
PD5	GOOD FRIDAY HOLIDAY		
LAB	Historical Perspectives	Learn the notes	Yes
WEEK 4: 21.04.25 to 26.04.25		Period Count: 06	
PD1	CHAPTER 2 START: types of classification systems	Diagram	Yes
PD2	Technology and Applications of Biotechnology	Learn the notes	Yes
PD3	Technology and Applications of Biotechnology	Diagram	Yes
PD4	Technology and Applications of Biotechnology	Learn the notes	Yes
PD5	Global market and Biotech Products	Learn the notes	Yes
LAB	Global market and Biotech Products	Learn the notes	Yes

Subject coordinator

Supervisor

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 5: 28-04-25 to 03-05-25		Period Count: 06	
PD1	Global market and Biotech Products	Read NCERT	Yes
PD2	Global market and Biotech Products	Learn the notes	Yes
PD3	REVISION OF CHAPTER 1	Learn the notes	Yes
PD4	Chapter 2: The Basic Unit of Life	In text question	Yes
PD5	Cell Structure and Components	In text ques/ans	Yes
PD6	Cell Structure and Components	In text ques/ans	Yes
WEEK 6: 05-05-25 to 10-05-25		Period Count: 05	
PD1	Cell Structure and Components	Learn the terms	Yes
PD2	Cell Structure and Components	Learn the notes	Yes
PD3	Cell Structure and Components	Learn the notes	Yes
PD4	Cell Structure and Components	Learn the notes	Yes
PD5	Organization of Life	Learn the notes	Yes
PD6	SECOND SATURDAY	-	

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

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Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 7: 12-05-25 to 17-05-25		Period Count: 05	
PD1	BUDDHA PURNIMA HOLIDAY		
PD2	Organization of Life	Learn the notes	
PD3	Organization of Life	Learn the notes	
PD4	Chapter 3: Cell Growth and Development	Learn the notes	
PD5	Cell Division, Cell Cycle	-	
PD6	Cell Division, Cell Cycle	Learn the notes	
WEEK 8: 19-05-25 to 24-05-25		Period Count: 06	
PD1	Cell Division, Cell Cycle	Learn the terms	
PD2	Cell Division, Cell Cycle	Learn the notes	
PD3	Cell Division, Cell Cycle	Learn the notes	
PD4	Cell Communication	Learn the notes	
PD5	Cell Communication	Learn the notes	
PD6	Cell Communication	Learn the notes	

Subject coordinator

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Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 06

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 9: 26-05-25 to 31-05-25		Period Count: 06	
PD1	REVISION QUIZ	Learn the notes	Yes
PD2	REVISION QUIZ	Learn the notes	Yes
PD3	REVISION	Learn the notes	Yes
PD4	REVISION	Learn the notes	Yes
PD5	SUMMER VACATION	Read ncert	Yes
LAB	SUMMER VACATION	Learn the notes	Yes
WEEK 10: 02.06.25 to 07.06.25		Period Count: 00	
PD1	SUMMER VACATION	-	-
PD2	SUMMER VACATION	-	-
PD3	SUMMER VACATION	-	-
PD4	SUMMER VACATION	-	-
PD5	SUMMER VACATION	-	-
LAB	SUMMER VACATION	-	-

Subject coordinator

Supervisor

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Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 00

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 11: 09-06-25 to 14-06-25		Period Count: 00	
PD1	SUMMER VACATION	-	-
PD2	SUMMER VACATION	-	-
PD3	SUMMER VACATION	-	-
PD4	SUMMER VACATION	-	-
PD5	SUMMER VACATION	-	-
LAB	SUMMER VACATION	-	-
WEEK 12: 16.06.25 to 21.06.25		Period Count: 00	
PD1	SUMMER VACATION	-	-
PD2	SUMMER VACATION	-	-
PD3	SUMMER VACATION	-	-
PD4	SUMMER VACATION	-	-
PD5	SUMMER VACATION	-	-
LAB	SUMMER VACATION	-	-

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Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 06

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 13: 23-06-25 to 28-06-25		Period Count: 00	
PD1	SUMMER VACATION	-	-
PD2	SUMMER VACATION	-	-
PD3	SUMMER VACATION	-	-
PD4	SUMMER VACATION	-	-
PD5	Chapter 4 : Biomolecules: Building Blocks	-	-
LAB	Building Blocks of Carbohydrates - Sugars and their Derivatives	-	-
WEEK 14: 30-06.25 to 05.07.25		Period Count: 06	
PD1	Building Blocks of Carbohydrates - Sugars and their Derivatives	Learn the notes	Yes
PD2	Building Blocks of Carbohydrates - Sugars and their Derivatives	Learn the notes	Yes
PD3	Building Blocks of Carbohydrates - Sugars and their Derivatives	Learn the notes	Yes
PD4	Building Blocks of Carbohydrates - Sugars and their Derivatives	Learn the notes	Yes
PD5	Building Blocks of Carbohydrates - Sugars and their Derivatives	Learn the notes	Yes
LAB	Building Blocks of Carbohydrates - Sugars and their Derivatives	Learn the notes	Yes

Subject coordinator

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Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 15: 07-07-25 to 12-07-25		Period Count: 05	
PD1	Building Blocks of Proteins - Amino Acids	Learn the notes	
PD2	Building Blocks of Proteins - Amino Acids	Learn the notes	
PD3	Building Blocks of Proteins - Amino Acids	Read NCERT	
PD4	Building Blocks of Proteins - Amino Acids	Learn the notes	
PD5	Building Blocks of Proteins - Amino Acids	Learn the notes	
LAB	Building Blocks of Proteins - Amino Acids		
WEEK 16: 14.07.25 to 19.07.25		Period Count: 06	
PD1	Building Blocks of Lipids- Simple Fatty Acids	Learn the notes	
PD2	Building Blocks of Lipids- Simple Fatty Acids	Learn the notes	
PD3	Building Blocks of Lipids- Simple Fatty Acids	Diagram	
PD4	Building Blocks of Lipids- Simple Fatty Acids	Learn the notes	
PD5	Building Blocks of Lipids- Simple Fatty Acids	Read ncert	
LAB	Building Blocks of Lipids- Simple Fatty Acids	Read ncert	

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Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 12

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 17: 26-07-25 to 27-07-25		Period Count: 06	
PD1	Building Blocks of Nucleic Acids – Nucleotides.	Learn the notes	
PD2	Building Blocks of Nucleic Acids – Nucleotides.	Learn the notes	
PD3	Building Blocks of Nucleic Acids – Nucleotides.	Learn the notes	
PD4	Building Blocks of Nucleic Acids – Nucleotides.	Learn the notes	
PD5	Building Blocks of Nucleic Acids – Nucleotides.	Learn the notes	
LAB	Building Blocks of Nucleic Acids – Nucleotides.	Read ncert	-
WEEK 18: 28.07.25 to 02.08.25		Period Count: 06	
PD1	Building Blocks of Nucleic Acids – Nucleotides.	Learn the notes	
PD2	Building Blocks of Nucleic Acids – Nucleotides.	Learn the notes	
PD3	Building Blocks of Nucleic Acids – Nucleotides.	Learn the notes	
PD4	Chapter 2: Macromolecules: Structure & Function	Learn the notes	
PD5	Carbohydrates - The Energy Givers	In text questions	
LAB	Carbohydrates - The Energy Givers	In text questions	

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Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 09

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 19: 04-08-25 to 09-08-25		Period Count: 05	
PD1	Carbohydrates - The Energy Givers	Learn the notes	
PD2	Carbohydrates - The Energy Givers	Learn the notes	
PD3	Carbohydrates - The Energy Givers	Learn the notes	
PD4	Proteins - The Performers	Read ncert	
PD5	Proteins - The Performers	Learn the notes	
LAB	SECOND SATURDAY	-	-
WEEK 20: 11.08.25 to 16.08.25		Period Count: 04	
PD1	Proteins - The Performers	Learn the notes	
PD2	Proteins - The Performers	Learn the notes	-
PD3	Proteins - The Performers	Learn the notes	
PD4	Proteins - The Performers	-	
PD5	Janmashtami holiday		
LAB	Enzymes -The Catalysts	Read ncert	

Subject coordinator

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Sir Padampat Singhania Education Centre

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Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 12

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 21: 18-08-25 to 23-08-25		Period Count: 06	
PD1	Enzymes -The Catalysts	In text questions	
PD2	Enzymes -The Catalysts	Read ncert	
PD3	Enzymes -The Catalysts	Learn the notes	
PD4	Lipids and Biomembranes - The Barriers	Learn the notes	
PD5	Lipids and Biomembranes - The Barriers	Learn the notes	
LAB	Lipids and Biomembranes - The Barriers	Read ncert	
WEEK 22: 25.08.25 to 30.08.25		Period Count: 06	
PD1	Nucleic Acids - The Managers	Learn the notes	
PD2	Nucleic Acids - The Managers	Learn the notes	
PD3	Nucleic Acids - The Managers	Learn the notes	
PD4	Nucleic Acids - The Managers	Learn the notes	-
PD5	Nucleic Acids - The Managers	Learn the notes	
LAB	Nucleic Acids - The Managers	Write the practical	

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Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 23: 01-09-25 to 06-09-25		Period Count: 05	
PD1	Chapter 1: Concepts of Genetics	Write the practical	
PD2	Historical Perspective	Write the practical	
PD3	Historical Perspective	Write the practical	
PD4	REVISION OF HALF YEARLY SYLLABUS	Learn the notes	-
PD5	BARAWAFAT HOLIDAY	-	
LAB	Multiple Alleles	-	-
WEEK 24: 08.09.25 to 13.09.25		Period Count: 06	
PD1	Revision of Half Yearly Syllabus	-	-
PD2	Revision of Half Yearly Syllabus	-	-
PD3	Revision of Half Yearly Syllabus	-	-
PD4	Revision of Half Yearly Syllabus	-	-
PD5	Revision of Half Yearly Syllabus	-	-
LAB	Revision of Half Yearly Syllabus	-	-

Subject coordinator

Supervisor

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 12

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 25: 15-09-25 to 20-09-25		Period Count: 06	
PD1	HALF YEARLY EXAMINATION	-	-
PD2	HALF YEARLY EXAMINATION	-	-
PD3	HALF YEARLY EXAMINATION	-	-
PD4	HALF YEARLY EXAMINATION	-	-
PD5	HALF YEARLY EXAMINATION	-	-
LAB	HALF YEARLY EXAMINATION	-	-
WEEK 26: 22.09.25 to 27.09.25		Period Count: 06	
PD1	HALF YEARLY EXAMINATION	-	-
PD2	HALF YEARLY EXAMINATION	-	-
PD3	HALF YEARLY EXAMINATION	-	-
PD4	HALF YEARLY EXAMINATION	-	-
PD5	HALF YEARLY EXAMINATION	-	-
LAB	HALF YEARLY EXAMINATION	-	-

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 08

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 27: 29-09-25 to 04-10-25		Period Count: 03	
PD1	CHAPTER 13 STARTS	Learn the notes	
PD2	ASHTAMI HOLIDAY		
PD3	NAVMI HOLIDAY		
PD4	DUSSEHRA HOLIDAY		
PD5	Multiple Alleles	Learn the notes	
LAB	Multiple Alleles	Read ncert	
WEEK 28: 06.10.25 to 11.10.25		Period Count: 05	
PD1	Linkage and Crossing Over	Read ncert	
PD2	Linkage and Crossing Over	Learn the notes	
PD3	Linkage and Crossing Over	Learn the notes	
PD4	Genetic Mapping	Read ncert	
PD5	Genetic Mapping	Read ncert	
LAB	SECOND SATURDAY	-	-

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 08

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 29: 13-10-25 to 18-10-25		Period Count: 06	
PD1	Chapter 2: Genes and Genomes: Structure and Function	Learn the notes	
PD2	Discovery of DNA as Genetic Material	Learn the notes	
PD3	Discovery of DNA as Genetic Material	Read ncert	
PD4	Discovery of DNA as Genetic Material	Read ncert	
PD5	DNA Replication	Read ncert	
LAB	DNA Replication	Read ncert	
WEEK 30: 20.10.25 to 25.10.25		Period Count: 02	
PD1	DEEPAWALI HOLIDAY		-
PD2	DEEPAWALI HOLIDAY		-
PD3	DEEPAWALI HOLIDAY		
PD4	DEEPAWALI HOLIDAY		
PD5	DNA Replication	Diagram	
LAB	DNA Replication	Learn the notes	

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre

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Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 31: 27-10-25 to 01-11-25		Period Count: 06	
PD1	Transcription – The Basic Process, Genetic Code, Translation, Mutations, Human Genetic Disorders.	Diagram	
PD2	Transcription – The Basic Process, Genetic Code, Translation, Mutations, Human Genetic Disorders.	Learn the notes	
PD3	Transcription – The Basic Process, Genetic Code, Translation, Mutations, Human Genetic Disorders.	In text questions	
PD4	Revision of Chapter 1	Read ncert	
PD5	Revision of Chapter 1	Read ncert	
LAB	Revision of Chapter 1	Learn the notes	
WEEK 32: 03.11.25 to 08.11.25		Period Count: 05	
PD1	Revision of Chapter 2	Learn the topics discussed in class	
PD2	Revision of Chapter 4	Learn the topics discussed in class	
PD3	GURUNANAK JAYANTI		
PD4	Revision of Chapter 5	Learn the topics discussed in class	
PD5	Revision of Chapter 6	Learn the topics discussed in class	
LAB	SECOND SATURDAY		

Subject coordinator

Supervisor

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Weekly planning overview

Session: 2025 - 2026

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Class : XI

No. of periods : 12

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 33: 10-11-25 to 15-11-25		Period Count: 06	
PD1	Revision of Chapter 1	Read ncert	
PD2	Revision of Chapter 1	Learn the notes	
PD3	Revision of Chapter 1	Learn the notes	
PD4	Revision of Chapter 1	Learn the notes	
PD5	Revision of Chapter 2	Learn the notes	
LAB	Revision of chapter 2	Read ncert	
WEEK 34: 17.11.25 to 22.11.25		Period Count: 06	
PD1	Revision of Chapter 6	Write the practicals	-
PD2	Revision of Chapter 6	Write the practicals	
PD3	Revision of Chapter 6	Write the practicals	
PD4	Revision of Chapter 6	Write the practicals	
PD5	Revision of Chapter 6	Write the practicals	
LAB	Revision of Chapter 6	Write the practicals	

Subject coordinator

Supervisor

Principal/V. Principal



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Subject BIOTECHNOLOGY Class : XI No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 35: 24-11-25 to 29-11-25		Period Count: 05	
PD1	GURU TEG BAHADUR SHAHIDI DIWAS		-
PD2	Revision of Chapter 7	Learn the topics discussed in class	
PD3	Revision of Chapter 7	Learn the topics discussed in class	-
PD4	Revision of Chapter 7	Learn the topics discussed in class	-
PD5	Revision of Chapter 7	Learn the topics discussed in class	-
LAB	Revision of Chapter 7	-	-
WEEK 36: 01.12.25 to 06.12.25		Period Count: 06	
PD1	Revision of chapter 3	-	-
PD2	Revision of chapter 3	-	-
PD3	Revision of Chapter 3	Learn the topics discussed in class	-
PD4	Revision of Chapter 3	Learn the topics discussed in class	
PD5	Revision of Chapter 3	Learn the topics discussed in class	
LAB	Revision of Chapter 3	Learn the topics discussed in class	-

Subject coordinator

Supervisor

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Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

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Class : XI

No. of periods : 11

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 37: 08-12-25 to 13-12-25		Period Count: 05	
PD1	Revision of Chapter 7	Learn the topics discussed in class	
PD2	Revision of Chapter 7	Learn the topics discussed in class	
PD3	Revision of Chapter 6	Learn the topics discussed in class	
PD4	Revision of Chapter 6	Learn the topics discussed in class	
PD5	Revision of Chapter 4	Learn the topics discussed in class	
LAB	SECOND SATURDAY		
WEEK 38: 15.12.25 to 20.12.25		Period Count: 06	
PD1	Revision of Chapter 4	Learn the notes	
PD2	Revision of Chapter 4	Learn the notes	
PD3	Revision of Chapter 3	Learn the notes	
PD4	Revision of Chapter 3	Learn the notes	
PD5	Revision of Chapter 3	Learn the notes	
LAB	Revision of Chapter 2	Learn the notes	

Subject coordinator

Supervisor

Principal/V. Principal



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Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 09

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 39: 22-12-25 to 27-12-25		Period Count: 06	
PD1	Revision of Chapter 2	Learn the notes	-
PD2	Revision of Chapter 1	Learn the notes	-
PD3	Revision of Chapter 1	Learn the notes	-
PD4	CHRISTMAS HOLIDAY	-	-
PD5	Revision of Chapter 1	Learn the notes	-
LAB	Revision of Chapter 1	Learn the notes	-
WEEK 40: 29.12.25 to 03.01.26		Period Count: 03	
PD1	Revision of Chapter 2	Learn the topics discussed in class	
PD2	Revision of Chapter 2	Learn the topics discussed in class	
PD3	Revision of Chapter 2	Learn the topics discussed in class	
PD4	WINTER VACATION	-	-
PD5	WINTER VACATION	-	-
LAB	WINTER VACATION	-	-

Subject coordinator

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Class : XI

No. of periods : 05

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 41: 05-01-26 to 10-01-26		Period Count: 01	
PD1	WINTER VACATION	-	-
PD2	WINTER VACATION	-	-
PD3	WINTER VACATION	-	-
PD4	WINTER VACATION	-	-
PD5	WINTER VACATION	-	-
LAB	WINTER VACATION	-	-
WEEK 42: 12.01.26 to 17.01.26		Period Count: 05	
PD1	Revision of Chapter 1	Learn the topics discussed in class	
PD2	Revision of Chapter 1	Learn the topics discussed in class	
PD3	MAKAR SANKRANTI		-
PD4	Revision of Chapter 2	Learn the topics discussed in class	
PD5	Revision of Chapter 2	Learn the topics discussed in class	
LAB	Revision of Chapter 3	Learn the topics discussed in class	

Subject coordinator

Supervisor

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Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 10

Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 43: 19-01-26 to 24-01-26 Period Count: 05		
Revision of Chapter 3	Learn the notes	-
Revision of Chapter 4		
Revision of Chapter 4	Learn the topics discussed in class	
Revision of Chapter 4	Learn the topics discussed in class	
Revision of Chapter 4	Learn the topics discussed in class	-
Revision of Chapter 5	Learn the topics discussed in class	
WEEK 44: 26.01.26 to 31.01.26 Period Count: 05		
REPUBLIC DAY		
Revision of Chapter 5	Learn the topics discussed in class	
Revision of Chapter 5	Learn the topics discussed in class	
Revision of Chapter 5	Learn the topics discussed in class	
Revision of Chapter 6	Learn the topics discussed in class	
Revision of Chapter 6	Learn the topics discussed in class	
Subject coordinator	Supervisor	Principal/V. Principal



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Weekly planning overview

Session: 2025 - 2026

Subject : BIOTECHNOLOGY

Class : XI

No. of periods : 12

Period	Topic/s to be covered in classroom	Homework	Status (Yes/No) (Reason if No)
WEEK 45: 02-02-26 to 07-02-26		Period Count: 06	
PD1	Revision of Chapter 6	Learn the topics discussed in class	-
PD2	Revision of Chapter 6	Learn the topics discussed in class	
PD3	Revision of Chapter 7	Learn the topics discussed in class	
PD4	Revision of Chapter 7	Learn the topics discussed in class	
PD5	Revision of Chapter 7	Learn the topics discussed in class	
LAB	Revision of Chapter 7	Learn the topics discussed in class	
WEEK 46: 09.02.26 to 14.02.26		Period Count: 06	
PD1	Revision of Chapter 7	Learn the topics discussed in class	
PD2	Revision of Chapter 7	Learn the topics discussed in class	
PD3	Revision	Learn the topics discussed in class	-
PD4	Revision	Learn the topics discussed in class	
PD5	Revision	Learn the topics discussed in class	
LAB	Revision	Learn the topics discussed in class	

Subject coordinator

Supervisor

Principal/V. Principal



Sir Padampat Singhania Education Centre, Kamla Nagar, Kanpur

Book :
Publication :
Lesson :

Class :
Session: 20 - 20
Subject:

Lesson Plan

Ques 1.

Ans.

(Ref.: Page 18)

Ques 2.

Ans.

(Ref.: Page 18)

Ques 3.

Ans.

(Ref.: Page 18)

Note: This lesson contains one worksheets.



Sir Padampat Singhania Education Centre

Kamla Nagar, Kanpur

Lesson plan implementation report

Session: 20 - 20

Term :
From Date :
Subject :
Book :

Assessment :
To Date :
Class :
No. of periods :

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

Remarks:

Subject coordinator:

HOD: