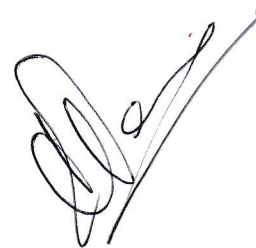


BIRLA SHISHU VIHAR PILANI
SESSION-2026-27
MID TERM SYLLABUS AND BLUEPRINT CLASSES-XI
SUBJECT-BIOLOGY

BLUEPRINT OF BIOLOGY CLASS XI		
Type of Question	Number of Questions with marks	TOTAL MARKS 70
MCQ (NO CHOICE)	12(1)	12
Assertion-Reason	4(1)	4
Short Answer Type Questions - I (2 marks)	5(2) (2 CHOICES)	10
Short Answer Type Questions - II (3 marks)	7(3)	21
Case Based Questions (4 marks) (Each Question Will Have Three Subparts With 1 Subpart Having Choice)	2(4)	8
Long Answer type Questions (5 marks) All the questions will have choice	3(5)	15
TOTAL	33	70

CLASS XI UNIT WISE MARKS DISTRIBUTION FOR MID TERM EXAM

Unit Number	Name of the Chapters	Unit wise marks distribution
✚ Unit-1	✚ Ch-1 The Living World ✚ Ch-2 Biological Classification ✚ Ch-3 Plant Kingdom ✚ Ch-4 Animal Kingdom	25
✚ Unit-2	✚ Ch-5 Morphology of Flowering Plants ✚ Ch-6 Anatomy of Flowering Plants ✚ Ch-7 Structural Organization in Animals and Plants	20
✚ Unit-3	✚ Ch-8 Cell: The unit of life ✚ Ch-9 Biomolecules ✚ Ch-10 Cell Cycle and Cell Division	25
TOTAL MARKS		70



Class XI Chemistry

Completed:

1. Some Basic Concepts of Chemistry
2. Atomic Structure (*Bohr's Model is currently in progress.*)

MID-TERM EXAMINATION BLUEPRINTS

Academic Session 2026 – 2027 | Mathematics Assessment Frameworks

Subject: Mathematics | Class: XI

Time: 3 Hrs.

Max Marks: 80

Chapter / Unit	Remembering					Understanding					Application					Analyzing					Evaluation					Creating					Total Marks
	1m	2m	3m	4m	5m	1m	2m	3m	4m	5m	1m	2m	3m	4m	5m	1m	2m	3m	4m	5m	1m	2m	3m	4m	5m	1m	2m	3m	4m	5m	
Ch 1: Set Theory	1+1	-	-	-	-	1	-	-	4	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Ch 2: Relations and Functions	1	2	-	-	-	-	-	-	-	-	-	-	-	5	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	10
Ch 3: Trigonometry	1+1	-	-	-	-	1AR	-	3	-	5	-	-	-	-	-	2	-	-	-	1	-	-	-	-	1	-	-	-	-	-	15
Ch 4: Complex Numbers	1	2	-	-	-	-	2	-	-	-	1	-	3	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	10
Ch 5: Linear Inequalities	1	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	5	-	2	-	-	-	-	-	-	-	-	-	12
Ch 6: Permutations & Combinations	1	-	3	-	-	-	-	-	4	-	1AR	-	3	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13
Ch 7: Binomial Theorem	1+1	-	-	-	-	-	-	-	-	5	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
Total Marks Distribution	10	4	-	-	-	2	2	3	12	10	2	-	12	-	5	1	2	-	-	5	3	2	-	-	-	2	-	3	-	-	80

Typology Split: 54% (46 Marks) | 24% (19 Marks) | 18% (15 Marks)

Difficulty: Easy: 15% | Average: 67% | Difficult: 18%

Ch
18/8

BIRLA EDUCATION TRUST , PILANI

SYLLABUS AND BLUE PRINT OF QUESTION PAPER FOR COMMAN EXAMINATION

EXAMINATION :- MID – TERM -2026-27

SUBJECT :- PHYSICS

CLASS :- XI

S.N.	NAME OF UNIT	MARKS	
1	UNITS AND DIMENSION	8	
2	KINEMATICS	25	
3	LAWS OF MOTION	25	
4	WORK , ENERGY AND POWER	12	

NOTE :- SETTING OF QUESTION PAPER WILL BE ON THE PATTERN OF CBSE BOARD
EXAM FOR XII & XI CLASS.



td: 1953

BIRLA SHISHU VIHAR

A Prestigious Day School for Boys and Girls
(Affiliated to CBSE, New Delhi No: 1730263, School No: 10606)
(A Birla Education Trust, Pilani Institution)
Website: www.bsvpilani.edu.in



Mid-Term Examination-2026-27 Detailed Exam Schedule

DATE	DAY	IX	X	XI	XII
15/9/26	TUESDAY	SANSKRIT			
17/9/26	THURSDAY	<u>MATHEMATICS</u>	SOCIAL SCIENCE	<u>PHYSICS</u>	ENGLISH
19/9/26	SATURDAY	AI	ENGLISH	ENGLISH	BIO/ <u>MATHEMATICS</u>
22/9/26	TUESDAY	<u>SCIENCE</u>	MATHEMATICS	<u>MATHEMATICS /BIO</u>	PHYSICS
24/9/26	THURSDAY	ENGLISH	SCIENCE	PAT/CS	PAINTING/MUSIC
26/9/26	SATURDAY	SOCIAL SCIENCE	HINDI/SANSKIT	PAINTING/MUSIC	PHE/CS
28/9/26	MONDAY	HINDI	AI	CHEMISTRY	CHEMISTRY

Time	Period/ Schedule	Time Allotted
7:30 am – 7:45 am	Reporting Time	15 minutes
7:45 am – 8:00 am	Question paper distribution and reading time	15 minutes
8:00 am to 11:00 am	Writing Time	3 hours
Student's dispersal 11:00 AM		

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BIRLA SHISHU VIHAR, PILANI

HALF-YEARLY EXAMINATION 2026–27

BLUEPRINT – COMPUTER SCIENCE

Class XI | Maximum Marks: 70

Chapter-wise Weightage

S. No.	Chapter	Weightage
1	Fundamentals of Python	15 Marks
2	Database Concepts	30 Marks
3	Flow of Control	25 Marks
	Total	70 Marks

Detailed Topic-wise Blueprint

Chapter	Key Areas / Learning Outcomes	Expected Emphasis
Fundamentals of Python	What is Token; Types of Tokens; print() Function; input() Function; type() Function; Literals; Arithmetic Operators; Relational Operators; Logical Operators	Basic understanding, concept application and output/expression-based questions
Database Concepts	Database: concept and advantages; Primary Key, Candidate Key & Alternate Key; SQL: concept, features and types of commands; DDL: CREATE, ALTER, DROP; DML: INSERT, UPDATE, DELETE; SELECT; Aggregate Functions: SUM(), MIN(), MAX(), AVG(), COUNT(); GROUP BY & HAVING; ORDER BY; NULL concept; SQL queries based on tables; output-based questions	Conceptual understanding, query formulation, application, interpretation and problem-solving
Flow of Control	Selection Statements: if, if-else, if-elif-else; Nested if; while loop; for loop; output/code-tracing questions; selection and looping based programming	Logical thinking, code tracing, application and programming/problem-solving

Assessment Focus

Conceptual Understanding • Application of Concepts • Logical & Analytical Thinking • SQL Query Writing and Interpretation • Python Code Tracing / Output Prediction • Problem-Solving and Programming Skills

Note: The blueprint indicates the broad areas of assessment and their relative emphasis. Questions may be framed by integrating concepts across topics, and the exact distribution of questions may vary according to the requirements of the question paper.