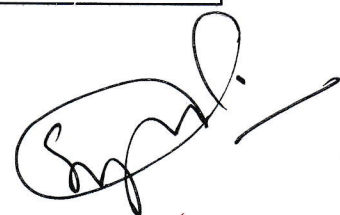


EOT - I Syllabus 2026-27			
Subject - English Core (301)			
Class - XII			
Maximum Marks : 80			
Sr. No.	Section	Lessons/Topics/Chapters	Weightage/Marks
1	Section A Reading Skills	Passage Comprehension 1. One unseen passage to assess comprehension, interpretation, analysis and inference. Vocabulary assessment will also be assessed via inference. The passage may be factual, descriptive or literary 2. One unseen case-based factual passage with verbal/ visual inputs like statistical data, charts etc. to assess comprehension, interpretation, analysis, inference and evaluation	22
2	Section B Writing Skills	Notice Writing Invitation Reply to an Invitation Job Application	18
3	Section C Literature	Lost Spring The Deep Water Indigo Rattrap My Poets & Pancake A Mother at Sixty-Six Keeping Roadside Stand Third Level Quiet On Memories of Childhood the face of It	40



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

BLUEPRINT OF BIOLOGY CLASS XII		
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 XII UNIT WISE MARKS DISTRIBUTION FOR MID TERM EXAM

Unit Number	Name of the Chapters	Unit wise marks distribution
✚ Unit-6	✚ Ch-1 Sexual Reproduction in flowering plants ✚ Ch-2 Human Reproduction ✚ Ch-3 Reproductive Health	22
✚ Unit-7	✚ Ch-4 Principles of Inheritance and Variation ✚ Ch-6 Evolution	20
✚ Unit-8	✚ Ch-7 Human health and disease ✚ Ch-8 Microbes in Human welfare	18
✚ Unit-10	✚ Ch-11 Organisms and Population ✚ Ch-12 Ecosystem ✚ Ch-13 Biodiversity and its Conservation	10
TOTAL MARKS		70

Class XII Chemistry

Completed Units:

1. Solutions
2. Electrochemistry
3. Chemical Kinetics

End of Term - 1 Examination (2026-27)

Class XII

Mathematics

Unit	Unit Marks	Chapter	Syllabus Specifications
Unit 1: Relations & Functions	13 Marks	Ch 1: Relations & Functions (7 Marks)	Reflexive, symmetric, transitive relations, equivalence relations. One-one (injective) and onto (surjective) functions, bijective proofs.
		Ch 2: Inverse Trigonometric Functions (6 Marks)	Definition, range, domain, principal value branches, evaluation of inverse trigonometric expressions.
Unit 2: Algebra	22 Marks	Ch 3: Matrices (10 Marks)	Matrix operations, symmetric & skew-symmetric matrices, transpose properties, matrix equations, multiplication properties.
		Ch 4: Determinants (12 Marks)	Expansion of determinants, minors & cofactors, adjoint and inverse of a matrix, solving systems of linear equations using matrix method ($AX = B$) consistency conditions.
Unit 3: Calculus	37 Marks	Ch 5: Continuity & Differentiability (19 Marks)	Continuity at a point/interval, differentiability, chain rule, implicit differentiation, logarithmic differentiation, parametric differentiation, second order derivatives (d^2y/dx^2).
		Ch 6: Application of Derivatives (18 Marks)	Rate of change of quantities, strictly increasing & decreasing functions, maxima & minima (first & second derivative tests), applied contextual optimization problems.
Unit 4: Linear Programming	8 Marks	Ch 12: Linear Programming Problems (8 Marks)	Mathematical formulation of LPP, objective function, linear constraints, bounded and unbounded feasible regions, corner point method for finding optimal maximum/minimum values, real-world context application.
Total	80 Marks		

Ch
10/8

Birla Shishu Vihar, Pili

Class XII - Computer Science (083)

Blue Print (HALF YEARLY EXAMINATION)

(Weightage to different topics/content units)

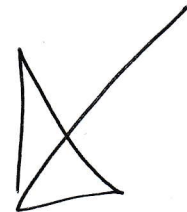
S. No	UNIT	VSA 1 Mark	SA I 2 Marks	SA II 3 Marks	LA 4 Marks	VLA 5 Marks	Total
1	UNIT 1 – Computational Thinking and Programming – 1	6(6)	4(2)	6(2)	4(1)	-	20
2	UNIT 2 – User Defined Functions & File Handling	9(9)	6(3)	6(2)	4(1)	5(1)	30
3	UNIT 3 – Database Concepts	5(5)	4(2)	3(1)	8(2)	-	20
	TOTAL	20(20)	14(7)	15(5)	16(4)	5(1)	70(37)

Half Yearly Course / Unit-wise Coverage

- Unit 1** Computational Thinking and Programming – 1
Unit 2 Chapter 1: User Defined Functions | Chapter 2: File Handling
Unit 3 Database Concepts

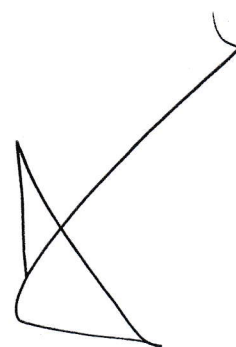
Question Type Summary

Question Ty	Marks Each	Io. of Question	Total Marks
VSA	1	20	20
SA I	2	7	14
SA II	3	5	15
LA	4	4	16
VLA	5	1	5
TOTAL		37	70



CLASS XII COMPUTER SCIENCE (083) – HALF YEARLY BLUEPRINT

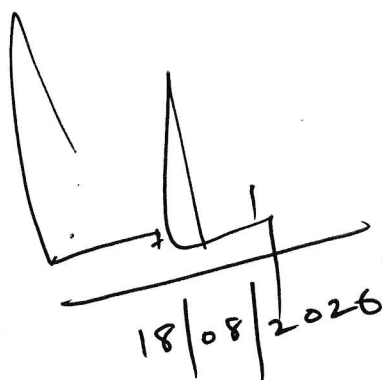
Unit	Content / Chapter	VSA (1)	SA I (2)	SA II (3)	LA (4)	VLA (5)	Marks
Unit 1	Computational Thinking and Programming – 1	6	2	2	1	0	20
Unit 2	User Defined Functions	4	1	1	0	0	9
Unit 2	File Handling	5	2	1	1	1	21
Unit 3	Database Concepts	5	2	1	2	0	20
TOTAL		20	7	5	4	1	70



Class XII Physics – EOT-1

Marks Distribution Table

Unit	Chapters Included	Marks Weightage
I. Electrostatics	Electric Charges & Fields; Electrostatic Potential & Capacitance	16
II. Current Electricity	Current Electricity	12
III. Magnetic Effects of Current & Magnetism	Moving Charges & Magnetism; Magnetism & Matter	17
IV. Electromagnetic Induction & Alternating Current	Electromagnetic Induction; Alternating Current	18
V. Electromagnetic Waves	Electromagnetic Waves	7
Total	All 8 Chapters	70


18/08/2026



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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		

VIDYA VIHAR, PILANI – 333031, District: Jhunjhunu, Rajasthan (INDIA)
Tel (+91) 1596 242208,242195 Email: principal@bsvpilani.edu.in, contactus@bsvpilani.edu.in