

VASISHTHA GENESIS SCHOOL, BARDOLI
ANNUAL EXAMINATION (ACADEMIC SESSION 2025-26)
SYLLABUS, PAPER PATTERN, DATE-SHEET FOR XII SCIENCE

Dear Parents,

You are requested to go through the following document carefully. We wish you to keep guiding and motivating your wards for the upcoming examination.

SN	Subject	SYLLABUS	PAPER PATTERN
01	Physics (042)	Chapter 5: Magnetism and matter Chapter 6: Electromagnetic induction Chapter 7: Alternating current Chapter 8: Electromagnetic wave Chapter 9: Ray optics and optical instrument Chapter 10: Wave optics	SECTION A: MCQs (1x16=16) SECTION B: Short Answer Type – I Questions. (2x5=10) SECTION C: Short Answer Type – II Question (3x7=21) SECTION D: Case based Questions (4x2= 8) SECTION E: Long Answer type Questions (5x3=15)
02	English Core (301)	Flamingo Prose Poets and Pancakes The Interview Going Places Poems A Roadside Stand Aunt Jennifer's Tigers Vistas The Enemy On the face of it Memories of childhood Writing skill Notice writing Invitation writing Letter to Editor Job Application Report writing Article writing	Section A- Reading Skill (22M) Q1. Unseen passage (1x12=12) Q2. Unseen passage (1x10=10) Section B- Advanced Writing Skill (18M) Q3. Notice Writing (Any 1/2) (4x1=4) Q4. Formal/Informal Invitation (Any 1/2) (4x1=4) Q5. Article Writing/Report (Any 1/2) (5x1=5) Q6. Letter to the Editor/Job Application and Resume (Any 1/2) (5x1=5) Section C- Literature (40M) Q7. Poetry-based extract (Flamingo) (Any 1/2) (1x6=6) Q8. Prose-based extract (Vistas) (Any 1/2) (1x4=4) Q9. Prose-based extract (Flamingo) (Any 1/2) (1x6=6) Q10. Answer in 40- 50 words (Flamingo) (Any 5/6) (2x5=10) Q11. Answer in 40-50 words with (Vistas) (Any 2/3) (2x2=4) Q12. Answer in 120-150 words (Flamingo) (Any 1/2) (5x1=5) Q13. Answer in 120-150 words (Vistas) (Any 1/2) (5x1=5)
03	Mathematics (041)	Chapter 6: Integrals Chapter 8: Application of Integrals Chapter 9: Differential Equations Chapter 10: Vector Algebra Chapter 11: Three Dimensional Geometry Chapter 12: Linear Programming	Section A : MCQs (1x20=20) Section B : Very Short Answer Type Que. (2x5=10) Section C : Short Answer Type Questions (3x6=18) Section D : Long Answer type Questions. (5x4=20) Section E: Case based Questions (4x3=12)
04	Biology (044)	Ch 6: Evolution Ch 7: Human Health and Diseases Ch 8: Microbes in human welfare Ch 9: Biotechnology Principles & Process Ch 10: Biotechnology Applications Ch 12: Ecosystem	SECTION A: MCQs (1x16=16) SECTION B: Short Answer Type – I Questions. (2x5=10) SECTION C: Short Answer Type – II Question (3x7=21) SECTION D: Case based Questions (4x2= 8) SECTION E: Long Answer type Questions (5x3 =15)
05	Chemistry (043)	Unit 7: Alcohols, Phenols and Ethers Unit 8: Aldehydes, Ketones and	SECTION A- MCQ (1x16=16) SECTION B - Short answer Type-I questions (5x2=10) SECTION C- Short answer Type-II questions (7x3=21)

SN	Subject	SYLLABUS	PAPER PATTERN
		Carboxylic Acids Unit 3:Chemical kinetics Unit 4:d -and f -Block Elements Unit 5:Coordination Compounds	SECTION D - case - based questions (2x4=8) SECTION E - long answer Type questions (3x5=15)
06	Physical Education (048)	Ch 8: Biomechanics and Sports Ch 9: Psychology and Sports Ch 10: Training in Sports	SECTION A:MCQs (1x18=18) Section B Very Short Answer Type Questions (2x5=10) Section C Very Short Answer Type Questions (3x5=15) Section D case -based questions (4x3=12) Section E long answer Type questions (5x3=15)
07	Informatics Practices (065)	Unit 1:Data Handling using Pandas and Data Visualization Unit 2:Database Query using SQL Unit 3:Introduction to Computer Networks Unit 4:Societal Impacts	MCQs (1x21= 21) Very Short Answer Type Questions (2x7=14) Short Answer Type Questions (3x4=12) Long Answer Type – I Question (4x2= 8) Long Answer Type – II Question (5x3=15)

EXAMINATION DATE SHEET: XII SCIENCE		
DATE	DAY	SUBJECT
22-11-2025	SATURDAY	MATHS/BIO
24-11-2025	MONDAY	PHYSICS
25-11-2025	TUESDAY	<i>DOUBT CLEARING SESSION</i>
26-11-2025	WEDNESDAY	CHEMISTRY
27-11-2025	THURSDAY	<i>DOUBT CLEARING SESSION</i>
28-11-2025	FRIDAY	IP/PE
29-11-2025	SATURDAY	ENGLISH
<u>13-12-2025</u>	<u>SATURDAY</u>	<u>PTM</u>