

VASISHTHA GENESIS SCHOOL, BARDOLI
HALF YEARLY EXAMINATION (ACADEMIC SESSION 2025-26)
SYLLABUS, PAPER PATTERN, DATE-SHEET FOR XII-A 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)	Ch 01 Electric Charge And Field Ch 02 Electric Potential And Capacitance Ch 03 Current Electricity Ch 04 Magnetic Effect Of Current	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)	Reading Skill Unseen Passage Writing skills Notice writing Invitation and replies Letter to Editor Article writing Flamingo Prose 1. The last lesson 2. Lost Spring 3. Deep Water 4. The Rattrap Poems 1. My Mother at 66 2. Keeping Quiet Vistas 1. The Third Level 2. The Tiger King 3. Journey to the End of the Earth	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 (Any 1/2) (5x1=5) Q6. Letter to the Editor (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)	Matrices and determinant Relation and functions Inverse trigonometric functions Limit, continuity and differentiability Differentiation	Section A : MCQs (1x20=20) Section B : Very Short Answer Type Que. (2x5=10) Section C : Short Answer Type Questions (3x6=18) Section D : Case based Questions. (5x4=20) Section E Long Answer type Questions. (4x3=12)
04	Biology (044)	Ch 1: Sexual reproduction in flowering plants Ch 2: Human reproduction Ch 3: Reproductive health Ch 4: Principles of inheritance and variation Ch 5: Molecular basis of inheritance	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)	1. Alcohol phenol and ether 2. Haloalkanes and haloarenes 3. Solution and colligative properties 4. Coordination complexes 5. d and f Block elements 6. Aldehyde ketone and carboxylic acid	SECTION A- MCQ (1x16=16) SECTION B - short answer Type questions (5x2=10) SECTION C- short answer Type questions (7x3=21) SECTION D - case - based questions (2x4=8) SECTION E - long answer Type questions (3x5=15)

SN	Subject	SYLLABUS	PAPER PATTERN
06	Physical Education (048)	Chp no 1 Management of Sporting Events Chp no 2 children and women in sports Chp no 3 Yoga Chp no 5 Sports and nutrition Chp no 6 Test and measurement in sports Chp no 7 Physiology and injuries 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)	CHAPTER 1: Data Handling using Pandas CHAPTER 2: Data Visualization using Matplotlib CHAPTER 3: Review of Database Concepts and SQL CHAPTER 4: Database Query using SQL CHAPTER 5: Computer Networks	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						
01-08-2025 FRIDAY	02-08-2025 SATURDAY	04-08-2025 MONDAY	05-08-2025 TUESDAY	06-08-2025 WEDNESDAY	07-08-2025 THURSDAY	23-08-2025 SATURDAY
CHEMISTRY	IP/PE	MATHS\BIO	ENGLISH	DOUBT CLEARING SESSION	PHYSICS	PTM


Exam Department


Vice Principal


Principal

PRATICAL EXAMINATION SHEET		
DATE	XII-A	XII-B
21-07-2025 MONDAY	ENGLISH(PD) (8 to 9 AM)	---
23-07-2025 WEDNESDAY	ENGLISH(PD) (8 to 9 AM)	---
11-08-2025 MONDAY	BIO[8 to 11 am(Dk)] MATHS(9 to 10:- JP)	BIO[8 to 11 am(Dk)]+ Maths[8 to 9(JP)]+ ENGLISH [9 to 10 Eng Viva(SM) Maths stu.] + [12:10 to 1:10 Eng.Viva (SM),Bio students]
12-08-2025 TUESDAY	CHEMISTRY (1 st Half)	PHYSICS (2 nd Half)
13-08-2025 WEDNESDAY	PHYSICS (1 st Half)	CHEMISTRY (2 nd Half)
14-08-2025 THURSDAY	IP/PE (1 st Half)	