

**VASISHTHA GENESIS SCHOOL, BARDOLI**  
**HALF YEARLY EXAMINATION (ACADEMIC SESSION 2025-26)**  
**SYLLABUS, PAPER PATTERN, DATE-SHEET FOR XI-B 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.

<b>SN</b>	<b>Subject</b>	<b>SYLLABUS</b>	<b>PAPER PATTERN</b>
01	<b>Physics (042)</b>	Chapter 1 units and measurement Chapter 2 motion in straight line Chapter 3 motion in plane Chapter 4 laws of motion Chapter 5 work, energy and power	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	<b>English Core (301)</b>	Reading passage 1. Unseen Passage based on description 2. Unseen case- based factual passage 3. Notemaking Hornbill 1. The Portrait of a lady 2. We're not afraid to die: if we can all be together 3. Discovering Tut: The Saga Continues Poetry 1. A photograph 2. The laburnum top 3. The Voice of the rain Snapshot 1. The Summer of the beautiful white horse 2. The Address 3. Mother's Day Grammar 1. Tenses 2. Sentence reordering Writing skill 1. Poster 2. Advertisement 3. Speech	<b>Section A- Reading skill (26M)</b> Q-1 Unseen passage (1x10=10) Q-2 Unseen passage (1x8=8) Q-3 Note making 8m <b>Section B – Advance Writing Skill and Grammar (23M)</b> Q-3 Advertisement (Any1/2) (4x1=4) Q-3 poster (Any1/2) (4x1=4) Q-4 Speech writing (Any1/2) (6x1=6) Q-5 Gap filling (4m) Q-6 Sentence re-ordering (5m) <b>Section C -Literature (31M)</b> Q-7 Poetry-based extract (Hornbill) (Any1/2) (3M) Q-8 Prose- based extract (Hornbill) (Any1/2) (3M) Q-9 Prose – based extract (Snapshot) (Any1/2) (4m) Q-10 Answer in 40-50 words(Hornbill) (Any 2/3) (3+3=6) Q-11 Answer in 40-50 words(Snapshot)((Any1/2) (3m) Q-12 Answer in 120-150 words(Hornbill) (Any1/2) (6m) Q-13 Answer in 120-150 words(Snapshot) (Any1/2) (6m)
03	<b>Mathematics (041)</b>	Chapter 1 Sets Chapter 2 Relations and Functions Chapter 3 Trigonometric functions Chapter 4 Complex numbers Chapter 5 Linear Inequalities Chapter 6 Permutations and combinations	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	<b>Biology (044)</b>	Chp 1: The living world Chp 2: Biological classification Chp 3: Plant Kingdom Chp 8: Cell: Unit of life	SECTION A: MCQs (1x16=16) SECTION B: Short Answer Type – I Questions. (2x5=10)

SN	Subject	SYLLABUS	PAPER PATTERN
		Chp 9: Biomolecules Chp 10: Cell cycle and cell division Chp 11: Photosynthesis in higher plants Chp 12: Respiration in Plants	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	<b>Chemistry (043)</b>	Unit 1 Some Basic Concepts of Chemistry Unit 2 Structure of Atom Unit 3 Classification of Elements and Periodicity in Properties Unit 4 Chemical Bonding and Molecular Structure	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)
06	<b>Physical Education (048)</b>	CHP no 1 Changing trends and career in physical education CHP no 2 olympic value education CHP no 3 Yoga CHP no 4 Physical education and sports for CWSN CHP no 5 Physical Fitness, Health and Wellness.	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	<b>Informatics Practices (065)</b>	Ch-1: Introduction to Computer System Ch-2: Getting Started with Python Ch-3: Python Programming Fundamentals Ch-4: Conditional and Looping Construction Ch-5: List in python Ch-6: Dictionary Ch-7: Numpy	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)

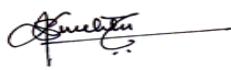
EXAMINATION DATE SHEET		
DATE	DAY	SUBJECT
12-09-2025	FRIDAY	CHEMISTRY
13-09-2025	SATURDAY	IP/PE
15-09-2025	MONDAY	MATHS\BIO
16-09-2025	TUESDAY	ENGLISH
17-09-2025	WEDNESDAY	Doubt Clearing Session
18-09-2025	THURSDAY	PHYSICS
11-10-2025	SATURDAY	PTM

**PRACTICAL DATE SHEET**

DATE	XI-A	XI-B	XI-C	XI-D
02.09.2025 Tuesday	PE Practical (9 to 11am)	PE Practical (1 <sup>st</sup> Half)		03.09.2025 Wednesday PE(1 <sup>st</sup> Half)
22-09-2025 MONDAY	CHEMISTRY (1 <sup>st</sup> Half) ENGLISH(SM: 1:05-2pm)	PHYSICS (2 <sup>nd</sup> Half)	BSt(VJ) (11:20 to 1:10) ENGLISH(SM) (10-11am)	ENGLISH(AS) (12:10 to 1:10) ACCOUNTANCY(AM) (8 to 10)
23-09-2025 TUESDAY	IP(1 <sup>st</sup> Half)	IP(1 <sup>st</sup> Half) CHEMISTRY (2 <sup>nd</sup> Half)	ACCOUNTANCY(VS) (8 to 9 & 1:10 to 2: 10) ENGLISH(SM) (10-11am)	ECONOMICS(SB) (10 to 12:10) ENGLISH(AS) (9 to 10)
24-09-2025 WEDNESDAY	BIO(Dk)(2 <sup>nd</sup> Half) Maths(HM)( 2 <sup>nd</sup> Half)	BIO(Dk)(2 <sup>nd</sup> Half) Maths(JP)(2 <sup>nd</sup> Half)	ECONOMICS(SB) (11:20 to 12:10 & 1:10 to 2:10)	BSt(SB) (9 to 10 & 12:10 to 1:10) ENGLISH(AS) (11:20-12:10)
25-09-2025 THURSDAY	PHYSICS (1st Half)	ENGLISH(PD) (9 to 10)	IP/AM(1 <sup>st</sup> Half) ENGLISH(SM) (1:10-2:10pm)	IP/AM(1 <sup>st</sup> Half)
26-09-2025 FRIDAY	ENGLISH(SM:12:10-1:05pm)	ENGLISH(PD) (11:20 to 12:10)		—
27-09-2025 SATURDAY	---	ENGLISH(PD) (10-11am)		—



Exam Department



Vice Principal



Principal