

**ST. MARY'S ENGLISH HIGH SCHOOL, BISTUPUR, JAMSHEDPUR**  
**SYLLABUS FOR THE YEAR - 2026 - 2027**

**CLASS: XII ABC**

**SUBJECT: ENGLISH**

<b>FIRST PERIODICAL (APRIL TO JUNE)</b>	<b>FIRST TERM (JULY TO SEPTEMBER)</b>
<b>TOPIC/CHAPTER</b>	<b>TOPIC/CHAPTER</b>
<b>ENGLISH LITERATURE:</b>	<b>ENGLISH LITERATURE:</b>
1. The Last Lesson (Flamingo)	1. Lost Spring (Flamingo)
2. The Third Level (Vistas)	2. Deep Water (Flamingo)
3. My Mother at Sixty-Six (Poem)	3. The Tiger King (Vistas)
4. A Thing of Beauty (Poem)	4. Keeping Quiet (Poem)
5. A Roadside Stand (Poem)	5. Journey to the End of the Earth (Vistas)
	6. Indigo (Flamingo)
<b>ENGLISH LANGUAGE:</b>	<b>ENGLISH LANGUAGE:</b>
1. Notice Writing	1. Informal / Formal Invitation & Reply
2. Letter to the Editor	2. Job Application Letter
3. Article Writing	
<b>SECOND PERIODICAL (OCTOBER TO DECEMBER)</b>	<b>FINAL TERM (JANUARY &amp; FEBRUARY)</b>
<b>TOPIC/CHAPTER</b>	<b>TOPIC/CHAPTER</b>
<b>ENGLISH LITERATURE:</b>	
<b>Flamingo:</b>	
1. The Rattrap (Flamingo)	Revision
2. The Interview (Flamingo)	
3. Poets and Pancakes (Flamingo)	
4. Going Places (Flamingo)	
5. The Enemy (Vistas)	
6. On the Face of it (Vistas)	
7. Memories of Childhood (Vistas)	
8. Aunt Jennifer's Tiger (Poem)	
<b>ENGLISH LANGUAGE:</b>	
1. Report Writing	

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**SYLLABUS FOR THE YEAR - 2026 - 2027**

**CLASS: XII A B**

**SUBJECT: MATHEMATICS**

<b>FIRST PERIODICAL (APRIL TO JUNE)</b>	<b>FIRST TERM (JULY TO SEPTEMBER)</b>
<b>TOPIC/CHAPTER</b>	<b>TOPIC/CHAPTER</b>
<b>UNIT - I</b>	<b>UNIT - III</b>
1. Relations & Functions	1. Continuity & Differentiability
2. Inverse Trigonometric Functions	2. Application of Derivatives
<b>UNIT - II</b>	<b>UNIT - IV</b>
1. Matrices & Determinants	1. Vectors
	2. Three Dimensional Geometry
<b>UNIT - V</b>	
1. Linear Programming	
<b>UNIT - VI</b>	
1. Probability	
<b>SECOND PERIODICAL (OCTOBER TO DECEMBER)</b>	<b>FINAL TERM (JANUARY &amp; FEBRUARY)</b>
<b>TOPIC/CHAPTER</b>	<b>TOPIC/CHAPTER</b>
<b>UNIT - III</b>	
3. Integrals	
4. Application of Integrals	Revision
5. Differential Equations	
Revision : (By Question Bank & Different Sample Papers)	

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**SYLLABUS FOR THE YEAR - 2026 - 2027**

**CLASS: XII A B**

**SUBJECT: PHYSICS**

<b>FIRST PERIODICAL (APRIL TO JUNE)</b>	<b>FIRST TERM (JULY TO SEPTEMBER)</b>
<b>TOPIC/CHAPTER</b>	<b>TOPIC/CHAPTER</b>
<b>Unit I – Electrostatics</b>	Ch. 5 – Magnetism and Matter
Ch. 1 – Electric Charges and Fields	
Ch. 2 - Electrostatic Potential and Capacitance	<b>Unit IV – Electromagnetic Induction and Alternating Currents</b>
<b>Unit II – Current Electricity</b>	Ch. 6 – Electromagnetic Waves
Ch. 3 – Current Electricity	Ch. 7 – Alternating Current
<b>Unit III – Magnetic Effects of Current and Magnetism</b>	<b>Unit V – Electromagnetic Waves</b>
Ch. 4 – Moving Charges and Magnetism	Ch. 8 – Electromagnetic Waves
	<b>Unit VI – Optics</b>
	Ch. 9 – Ray Optics and Optical Instruments
<b>SECOND PERIODICAL (OCTOBER TO DECEMBER)</b>	<b>FINAL TERM (JANUARY &amp; FEBRUARY)</b>
<b>TOPIC/CHAPTER</b>	<b>TOPIC/CHAPTER</b>
Ch. 10 – Wave Optics	
<b>Unit VII – Dual Nature of Radiation and Matter</b>	
Ch. 11 – Dual Nature of Radiation and Matter	Revision
<b>Unit VIII – Atoms and Nuclei</b>	
Ch. 12 – Atoms	
Ch. 13 - Nuclei	
<b>Unit IX – Electronic Devices</b>	
Ch. 14 – Semiconductor Electronics, Materials, Devices And Simple Circuits	

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**SYLLABUS FOR THE YEAR - 2026 - 2027**

**CLASS: XII A B**

**SUBJECT: CHEMISTRY**

<b>FIRST PERIODICAL (APRIL TO JUNE)</b>	<b>FIRST TERM (JULY TO SEPTEMBER)</b>
<b>TOPIC/CHAPTER</b>	<b>TOPIC/CHAPTER</b>
* Solutions	* Alcohols, Phenols & Ethers
* Electrochemistry	* Chemical Kinetics
* Haloalkanes & Haloarenes	* Amines
<b>SECOND PERIODICAL (OCTOBER TO DECEMBER)</b>	<b>FINAL TERM (JANUARY &amp; FEBRUARY)</b>
<b>TOPIC/CHAPTER</b>	<b>TOPIC/CHAPTER</b>
* d - & f - block Elements	
* Aldehydes, Ketones & Carboxylic acids	Revision
* Biomolecules	
* Co-ordination Compounds	

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**SYLLABUS FOR THE YEAR - 2026 - 2027**

**CLASS: XII ABC**

**SUBJECT: HINDI**

<b>FIRST PERIODICAL (APRIL TO JUNE)</b>	<b>FIRST TERM (JULY TO SEPTEMBER)</b>
<b>TOPIC/CHAPTER</b>	<b>TOPIC/CHAPTER</b>
आरोह भाग -2	पद्य – पूर्व पठित सभी
1. आत्म परिचय	आरोह भाग -2
2. भक्तितन	1. पतंग 2. कविता के बहाने
3. दिन जल्दी-जल्दी ढलता है	3. बात सीधी थी पर 4.. कमरे में बंद अपाहिज
वितान – सिल्वर वैडिंग	5. उषा 6. बादल राग
व्याकरण – जनसंचार माध्यम ----(पूरा)	गद्य – 1. बाजार दर्शन
पत्र लेखन, रचनात्मक – लेखन –निबंध	2. काले मेघा पानी दे
अपठित गद्यांश एवं पद्यांश	वितान भाग 2 – जूझ
	व्याकरण – पूर्व पठित सभी, आलेख-लेखन, समाचार-लेखन, कहानी एवं नाटक, पत्रकारीय लेखन, साहित्यिक लेखन आदि
<b>SECOND PERIODICAL (OCTOBER TO DECEMBER)</b>	<b>FINAL TERM (JANUARY &amp; FEBRUARY))</b>
<b>TOPIC/CHAPTER</b>	<b>TOPIC/CHAPTER</b>
आरोह भाग -2 पद्य	
1. कविता बली (उत्तर कांड से)	
2. लक्ष्मण-मूच्छा और राम विलाप	
3. छोटा मेरा खेत	Revision
4. बगुलों के पंख	
5. रुबाइयाँ	
गद्य – 1. पहलवान की ढोलक	
2. शिरीष के फूल	
3. श्रम-विभाजन और जाति-प्रथा	
4. मेरी कल्पना का आदर्श समाज	
वितान भाग 2 – अतीत के दबे पाँव	
व्याकरण – पूर्व पठित सभी, समाचार-लेखन (उल्टा पिरामिड शैली फीचर व आलेख लेखन आदि)	

**NOTE :** आवश्यकतानुसार परिवर्तन या बढ़ोतरी संभव है।

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**SYLLABUS FOR THE YEAR - 2026 - 2027**

**CLASS: XII ABC**

**SUBJECT: PHYSICAL EDUCATION**

<b>FIRST PERIODICAL (APRIL TO JUNE)</b>	<b>FIRST TERM (JULY TO SEPTEMBER)</b>
<b>TOPIC/CHAPTER</b>	<b>TOPIC/CHAPTER</b>
UNIT 1 - Management of Sporting Events	UNIT 5 – Sports & Nutrition
UNIT 2 - Children & Women in Sports	UNIT 6 – Test and Measurement in Sports
UNIT 3 – Yoga as Preventive Measure for Lifestyle Disease	UNIT 7 - Physiology & Injuries in Sports
UNIT 4 - Physical Education & Sports for CWSN	
<b>(Children with special needs)-Divyang</b>	
<b>SECOND PERIODICAL (OCTOBER TO DECEMBER)</b>	<b>FINAL TERM (JANUARY &amp; FEBRUARY)</b>
<b>TOPIC/CHAPTER</b>	<b>TOPIC/CHAPTER</b>
UNIT 8 - Biomechanics & Sports	
UNIT 9 - Psychology & Sports	Revision
UNIT 10 - Training in Sports	

**ST. MARY'S ENGLISH HIGH SCHOOL, BISTUPUR, JAMSHEDPUR**  
**SYLLABUS FOR ACADEMIC YEAR 2026-2027**  
**SUBJECT - COMPUTER SCIENCE (083)**  
**CLASS - XII ABC**

<b>FIRST PERIODICAL ( APRIL TO JUNE)</b> <b>TOPIC &amp; CHAPTER</b>	<b>FIRST TERM (JULY TO SEPTEMBER)</b> <b>TOPIC &amp; CHAPTER</b>
Revision of Python Basics	Data Structures: Stack, Queue
Functions (Advanced Concepts: Recursion)	Computer Networks
File Handling (Text, Binary Files)	Data Communication Concepts
	Practical Programs & Case Studies
<b>SECOND PERIODICAL (OCTOBER TO DECEMBER)</b> <b>TOPIC &amp; CHAPTER</b>	<b>FINAL TERM ( JANUARY &amp; FEBRUARY)</b> <b>TOPIC &amp; CHAPTER</b>
Database Concepts	Revision of Complete Syllabus
SQL (DDL, DML, Queries)	Full-Length Practice Papers
Interface Python with SQL (Connectivity)	Project Submission & Viva Preparation
Project Work Development	Practical Exam Preparation