

St. Xavier's School & Jr. College, Shirgaon- Mahad

Syllabus for I Periodical Test 2024-25

Date:- 01/ 07 /2024

Std.	Subject	Syllabus
XII (Science)	Physics	10. Wave Optics 12. Atoms 14. Semiconductor
	Chemistry	1. Electrochemistry 2. Solutions 3.Co- ordination chemistry
	Maths	1. Relations and Functions 2. Inverse Trigonometric Functions 3. Matrices
	Biology	1. Sexual Reproduction in Flowing Plants 2. Human Reproduction 3. Reproductive Health
	English	Prose: Flamingo- i) The Last Lesson ii) Lost Spring Poem: My Mother At Sixty-Six Grammar: Tenses, Phrases Writing Skills:- Notice Writing Paragraph Writing: Vistas: The Third Level
	IT	Employability Skills: Unit 1: Communication Skills, Unit 2: Self- Management Skills, Subject Specific Skills: Unit 1: Database Concepts –RDBMS Tool

St. Xavier's School & Jr. College, Shirgaon- Mahad

Syllabus for II Periodical Test 2024-25

Date:- 27 / 08 /2024

Std.	Subject	Syllabus
XII (Science)	Physics	Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance Chapter–3: Current Electricity
	Chemistry	1. Chemical Kinetics 2. D & F block element
	Maths	4. Determinants 5. Continuity and Differentiability 6. Application of Derivatives
	Biology	1. Principles of Inheritance and variation 2. Molecular Basic of Inheritance 3. Evolution 4. Human Health & Diseases
	English	Prose : Flamingo: 1. Deep Water 2. The Rattrap Poem: 1. Keep Quiet 2. A Thing of Beauty Grammar: Pronouns, Kinds of Sentences Writing Skills: Report Writing Vistas:- The tiger king journey to the end of the earth
	IT	Employability Skills: Unit 3- ICT Skills , Subject Specific Skills- Unit 1- Database Concepts –RDBMS Tool , Unit 2- Operating web Based Application

St. Xavier's School & Jr. College, Shirgaon- Mahad

Syllabus for I Term Examination 2024-25

Date:- 17 / 10 /2024

Std.	Subject	Syllabus
XII (Science)	Physics	Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance Chapter–3: Current Electricity Chapter–4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter Chapter–10: Wave Optics Chapter–12: Atoms Chapter–14: Semiconductor
	Chemistry	1. Electrochemistry 2. Co-ordination compounds 3. Solution 4. Chemical Kinetics 5. D and F Block Element 6. Haloalkane & Haloarene 7. Alcohol , Phenol & ether
	Maths	7. Integrals 8. Application of the integrals 9. Differential Equations
	Biology	I P.T & II P.T. (Syllabus) + 8. Microbes in Human Welfare 9. Biotechnology : Principles and Process
	English	Prose: Flamingo : The Last Lesson ,Lost Spring ,Deep water, The Rattrap Vistas: 1, 2 & 3 Grammar & Writing Skills: I P.T & II P.T
	IT	Employability Skills : Unit 1: Communication Skills, Unit 2: Self-Management Skills, Unit 3- ICT Skills Subject Specific Skills: Unit 1: Database Concepts –RDBMS Tool , Unit 2- Operating web Based Application,Unit 4- Entrepreneurial skills

St. Xavier's School & Jr. College, Shirgaon- Mahad
Syllabus for I Preliminary Examination 2024-25

Date:- 10 / 12 /2024

Std.	Subject	Syllabus
XII (Science)	Physics	Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance Chapter–3: Current Electricity Chapter–4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter Chapter–6: Electromagnetic induction Chapter–10: Wave Optics Chapter–12: Atoms Chapter–14: Semiconductor
	Chemistry	1. Electrochemistry 2. Co-ordination 3. Solution 4. Chemistry Kinetics 5. D and F Block Element 6. Halo alkane & Haloarene 7. Alcohol, Phenol & ether 8. Aldehyde ketones and Carboxylic Acid 9. Amines
	Maths	Lesson No. 1 to 13
	Biology	I Term (Syllabus) + 10. Biotechnology and Its Applications 11. Organisms & Populations 12. Ecosystem
	English	Prose: 1. Indio 2. Poets & Pancakes 4. The Interviews 5. Going Places Vistas: The Enemy, On the fact of It memories of childhood. Grammar: Reported Speech , Non finites , Writing Skills.
	IT	Employability Skills : Unit 1: Communication Skills, Unit 2: Self-Management Skills, Unit 3- ICT Skills, Unit 4- Entrepreneurial skills, Unit 5- Green Skills Subject Specific Skills: Unit 1: Database Concepts –RDBMS Tool , Unit 2- Operating web Based Application, Unit 3: Java

St. Xavier's School & Jr. College, Shirgaon- Mahad

Syllabus for II Preliminary Examination 2024-25

Date:- 18 / 01 /2025

Std.	Subject	Syllabus
XII (Science)	Physics	Chapter–1: Electric Charges and Fields Chapter–2: Electrostatic Potential and Capacitance Chapter–3: Current Electricity Chapter–4: Moving Charges and Magnetism Chapter–5: Magnetism and Matter Chapter–6: Electromagnetic induction Chapter–7: Alternating Current Chapter–8: Electromagnetic Waves Chapter–9: Ray Optics and Optical Instruments Chapter–10: Wave Optics Chapter–11: Dual Nature of Radiation and Matter Chapter–12: Atoms Chapter–13: Nuclei Chapter–14: Semiconductor
	Chemistry	Lesson No. 1 to 10
	Maths	All Chapters
	Biology	Prelim I (Syllabus) + 13. Biodiversity & its conservation (Entire Syllabus)
	English	Revision + Flamingo & Vistas (Whole Syllabus)
	IT	Whole Syllabus