



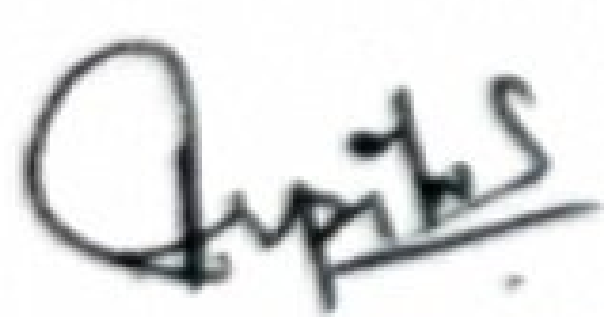
St. XAVIER'S HIGH SCHOOL

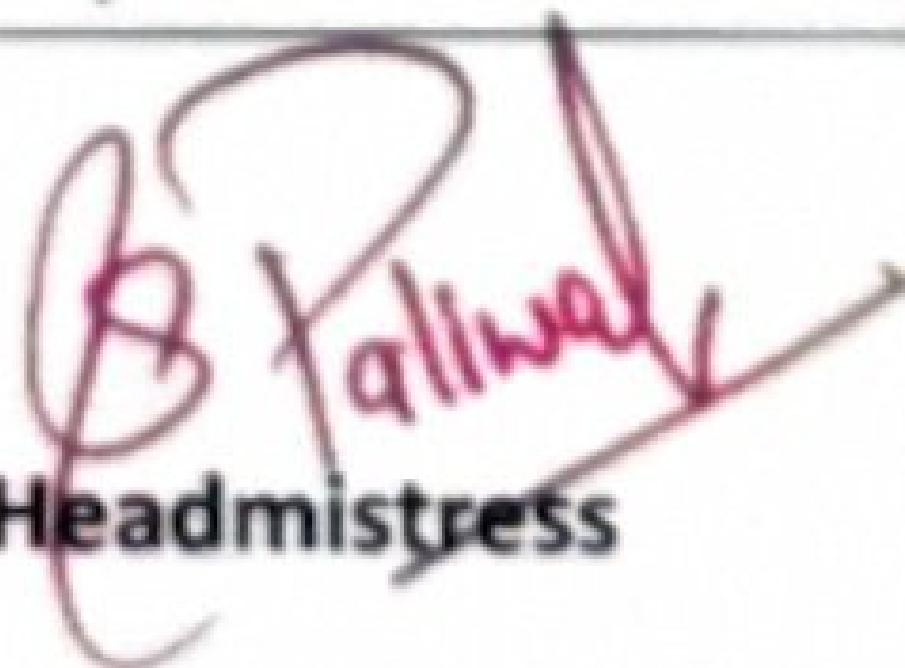
GRADE XII A (2026-2027)
HALF YEARLY SYLLABUS

SUBJECT	TOPIC	MARKS ALLOTTED
ENGLISH	Reading - Comprehension Factual, Discursive, Literary passages Writing - Notice, Invitation and Replies, Letter to the editor, Letter of Job Application and Article Writing Literature Flamingo Prose - Chapter 1 The Last Lesson - Chapter 2 Lost Spring - Chapter 3 Deep Water - Chapter 4 Rattrap - Chapter 5 Indigo - Chapter 6 The Interview Poetry - Poem: My mother at Sixty-Six - Poem: Keeping Quiet - Poem: A Thing of Beauty - Poem: A Roadside Stand - Poem: Aunt Jennifer's Tigers Vistas - Chapter 1 The Third Level - Chapter 2 The Tiger King - Chapter 3 Journey to the End of the Earth - Chapter 4 The Enemy	- Reading 22 Marks - Writing 18 Marks - Literature 40 Marks
MATHEMATICS	- Chapter 1 Real numbers - Chapter 2 Inverse Trigonometric functions - Chapter 3 Matrices - Chapter 4 Determinants - Chapter 5 Differentiation - Chapter 6 Applications of Differentiation - Chapter 7 Integrals - Chapter 8 Applications of Integrations	- Unit I-Relations and functions 17 Marks - Unit II Algebra 14 Marks - Unit III Calculus 49 Marks

	Chapter 9 Differential equations	
PHYSICS THEORY	- Chapter 1 Electric charges and fields - Chapter 2 Electric potential and Capacitance - Chapter 3 Current Electricity - Chapter 4 Moving charge particle - Chapter 5 Magnetism and matter - Chapter 6 Electromagnetic Induction - Chapter 7 Alternating Current	- Chapter 1 12 Marks - Chapter 2 10 Marks - Chapter 3 10 Marks - Chapter 4 15 Marks - Chapter 5 05 Marks - Chapter 6 08 Marks - Chapter 7 10 Marks
CHEMISTRY	- Chapter 1 Solutions - Chapter 2 Electrochemistry - Chapter 3 Chemical Kinetics - Chapter 4 d&f block elements - Chapter 5 Coordination Compounds - Chapter 10 Biomolecules	- Chapter 1 10 Marks - Chapter 2 12 Marks - Chapter 3 10 Marks - Chapter 4 13 Marks - Chapter 5 13 Marks - Chapter 10 12 Marks
BIOLOGY	- Chapter 1 Sexual Reproduction in flowering plants - Chapter 2 Human Reproduction - Chapter 3 Reproductive Health - Chapter 4 Principles of inheritance. - Chapter 5 Molecular basis of inheritance. - Chapter 6 Evolution - Chapter 11 Organisms and population. - Chapter 12 Ecosystem - Chapter 13 Biodiversity and its conservation	- Chapter 1 8 Marks - Chapter 2 6 Marks - Chapter 3 6 marks - Chapter 4 12 Marks - Chapter 5 15 Marks - Chapter 6 5 marks - Chapter 11 8 Marks - Chapter 12 5 marks - Chapter 13 5 Marks
PHYSICAL EDUCATION THEORY	- Chapter 1 Management of sporting events - Chapter 2 Children and women in sports - Chapter 3 Yoga - Chapter 4 Physical education & sports for CWSN	- Chapter 1 10 Marks - Chapter 2 10 Marks - Chapter 3 10 Marks - Chapter 4 10 marks - Chapter 5 10 Marks - Chapter 6 10 Marks - Chapter 8 10 Marks

	• Chapter 5 Sports & Nutrition • Chapter 6 Test, Measurements in sports • Chapter 8 Biomechanics & sports	
PSYCHOLOGY THEORY	• Chapter 1 Variations in Psychological Attributes • Chapter 2 Self and Personality • Chapter 3 Meeting Life Challenges • Chapter 4 Psychological Disorders • Chapter 5 Therapeutic Approaches	• Chapter 1 17 Marks • Chapter 2 15 Marks • Chapter 3 11 Marks • Chapter 4 16 Marks • Chapter 5 11 Marks
IP THEORY	• Chapter 1 Data handling using pandas • Chapter 2 Data Visualization using Matplotlib • Chapter 5 Computer Network • Chapter 6 Societal impacts	• Chapter 1 20 Marks • Chapter 2 20 Marks • Chapter 5 16 Marks • Chapter 6 14 Marks


Section Representative


Headmistress


Principal