St. XAVIER'S HIGH SCHOOL

PRE- BOARD -1 SYLLABUS
GRADE XII A

SUBJECT	CONTENT	MARKS
ENGLISH	**Section A** • Factual, Descriptive Or Literary • Case – Based Factual Passage With Verbal/Visual Inputs	22 Marks
	Section B **Creative Writing Skills** • Notice • Formal/Informal Invitation And Reply • Application For A Job • Letter To The Editor • Report Writing • Article Writing	18 Marks
	Section C **Literature Text Book And Supplementary Reading Text** **1. Flamingo Prose** • The Last Lesson • Lost Spring • Deep Water • The Rattrap • Indigo • Poets And Pancakes • The Interview • Going Places **2. Poetry** • My Mother At Sixty -Six • Keeping Quiet • A Thing Of Beauty • A Roadside Stand • Aunt Jennifer's Tigers **3. Vistas: Supplementary Reader** • The Third Level • The Tiger King • Journey To The End Of The Earth • The Enemy • On The Face Of It • Memories Of Childhood	40 Marks

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	• The Cutting Of My Long Hair • We Too Are Human Beings	
MATHEMATICS	• Chapter 1 Relations And Functions • Chapter 2 Inverse Trigonometric Functions • Chapter 3 Matrices • Chapter 4 Determinants • Chapter 5 Continuity And Differentiability • Chapter 6 Application Of Derivatives • Chapter 7 Integrals • Chapter 8 Application Of Integrals • Chapter 9 Differential Equations • Chapter 10 Vector Algebra • Chapter 11 Three Dimensional Geometry • Chapter 12 Linear Programming • Chapter 13 Probability	**Relational and Functions:** 8 Marks **Algebra:** 10 Marks **Calculus:** 35 Marks **Vectors and Three-Dimensional Geometry:** 14 Marks **Linear Programming:** 5 Marks **Probability:** 8 Marks
PHYSICS	• Chapter 1 Electric Charges And Fields • Chapter 2 Electric Potential And Capacitances • Chapter 3 Current Electricity • Chapter 4 Moving Charge Particles • Chapter 5 Magnetism And Matter • Chapter 6 Electromagnetic Induction • Chapter 7 Alternating Current • Chapter 8 Optics (Light And Waves) • Chapter 9 Dual Nature Of Radiation And Matter • Chapter 10 Atoms And Nuclei • Chapter 11 Electronic Devices	**Electrostatics + Current Electricity:** 16 Marks **Magnetism + EMI + AC:** 17 Marks **EM Waves + Optics:** 18 Marks **Dual Nature+ Atoms+ Nuclei:** 12 Marks **Electronic Devices:** 7 Marks
CHEMISTRY	• Chapter 1 Solutions • Chapter 2 Electrochemistry • Chapter 3 Chemical Kinetics • Chapter 4 D& F Block Elements • Chapter 5 Coordination Compounds • Chapter 6 Haloalkanes And Haloarenes • Chapter 7 Alcohol, Phenols And Ethers • Chapter 8 Aldehydes, Ketones And Carboxylic Acid • Chapter 9 Amines • Chapter 10 Biomolecules	**Chapter 1:** 7 Marks **Chapter 2:** 9 Marks **Chapter 3:** 7 Marks **Chapter 4:** 7 Marks **Chapter 5:** 7 Marks **Chapter 6:** 6 Marks **Chapter 7:** 6 Marks **Chapter 8:** 8 Marks **Chapter 9:** 6 Marks **Chapter 10:**7 Marks
BIOLOGY	• Chapter 1 Sexual Reproduction In Flowering Plants • Chapter 2 Human Reproduction • Chapter 3 Reproductive Health • Chapter 4 Principles Of Inheritance And Variation	**Chapter 1:** 7 Marks **Chapter 2:** 6 Marks **Chapter 3:** 4 Marks **Chapter 4:** 7 Marks

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	• Chapter 5 Molecular Basis Of Inheritance • Chapter 6 Evolution • Chapter 7 Human Health And Diseases • Chapter 8 Microbes In Human Welfare • Chapter 9 Biotechnology - Principles And Processes • Chapter 10 Biotechnology And Its Applications • Chapter 11 Organisms And Populations • Chapter 12 Ecosystem • Chapter 13 Biodiversity And Conservation	**Chapter 5:** 8 Marks **Chapter 6:** 4 Marks **Chapter 7:** 6 Marks **Chapter 8:** 4 Marks **Chapter 9:** 6 Marks **Chapter 10:** 5 Marks **Chapter 11:** 5 Marks **Chapter 12:** 4 Marks **Chapter 13:** 4 Marks
PHYSICAL EDUCATION	• Chapter 1 Management Of Sporting Events • Chapter 2 Children & Women In Sports • Chapter 3 Yoga As Preventive Measures For Lifestyles Diseases • Chapter 4 Physical Education & Sports For Cwsn • Chapter 5 Sports & Nutrition • Chapter 6 Test, Measurement In Sports • Chapter 7 Physiology & Injuries In Sports • Chapter 8 Biomechanics & Sports • Chapter 9 Psychology And Sports • Chapter 10 Training In Sports	**Chapter 1:** 5 Marks **Chapter 2:** 7 Marks **Chapter 3:** 6 Marks **Chapter 4:** 6 Marks **Chapter 5:** 7 Marks **Chapter 6:** 8 Marks **Chapter 7:** 5 Marks **Chapter 8:** 10 Marks **Chapter 9:** 7 Marks **Chapter 10:** 9 Marks
PSYCHOLOGY	• Unit 1 Variations In Psychological Attributes • Unit 2 Self And Personality • Unit 3 Meeting Life Challenges • Unit 4 Psychological Disorders • Unit 5 Therapeutic Approaches • Unit 6 Attitude And Social Cognition • Unit 7 Social Influence And Group Processes	**UNIT 1:** 13 Marks **UNIT 2:** 13 Marks **UNIT 3:** 9 Marks **UNIT 4:** 12 Marks **UNIT 5:** 9 Marks **UNIT 6:** 8 Marks **UNIT 7:** 6 Marks
INFORMATICS PRACTICES	• Chapter 1 Data Handling Using Pandas • Chapter 2 Data Visualisation Using Matplotlib • Chapter 3 Review Of Database Concepts And SQL • Chapter 4 Database Query using SQL • Chapter 5 Computer Networks • Chapter 6 Societal Impacts	**Chapter 1:** 12 Marks **Chapter 2:** 13 Marks **Chapter 3:** 12 Marks **Chapter 4:** 13 Marks **Chapter 5:** 10 Marks **Chapter 6:** 10 Marks
PAINTING	• History Of Indian Art • Rajasthani School Of Miniature Painting • Pahari School Of Miniature Painting • Mughal School Of Miniature Painting • Deccan School Of Miniature Painting • Bengal School Of Painting • The Modern Trends In Indian Art • Indian National Flag	30 Marks

Section Representative

Headmistress

Principal 04/11/26

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