



CLASS 12: EXAMINATION SYLLABUS

ST. JOSEPH'S GIRLS' COLLEGE

PRAYAGRAJ

SUBJECT	FIRST UNIT TEST SYLLABUS	HALF YEARLY EXAM SYLLABUS	PREBOARD
ENGLISH LANGUAGE	Comprehension Transformation of Sentences Prepositions Correct Form of Verbs	Transformation of Sentences Composition Comprehension Prepositions Correct Form of Verbs Directed Writing- (Article, Book Review, Speech, Statement of Purpose) Proposal Writing	Transformation of Sentences Composition Comprehension Prepositions Correct Form of Verbs Directed Writing- (Article, Book Review, Speech, Statement of Purpose) Proposal Writing

ENGLISH LITERATURE	Chapter 11-Telephone Conversation (Poems) Chapter 11-Atithi/ Guest (Short Stories)	(Full Syllabus) SHORT STORIES- Chapter 11-Atithi/ Guest Chapter 12- The Cookie Lady Chapter 13- There will Come Soft Rains Chapter 14- Indigo Chapter 15- The Medicine Bag POEMS- Chapter 11-Telephone Conversation Chapter 12-Tithonus Chapter 13-Beethoven Chapter 14-Small Towns and the River Chapter 15- Death Be Not Proud PLAY- Macbeth-Act III, IV, V	(Full Syllabus) SHORT STORIES- Chapter 11-Atithi/ Guest Chapter 12- The Cookie Lady Chapter 13- There will Come Soft Rains Chapter 14- Indigo Chapter 15- The Medicine Bag POEMS- Chapter 11-Telephone Conversation Chapter 12-Tithonus Chapter 13-Beethoven Chapter 14-Small Towns and the River Chapter 15- Death Be Not Proud PLAY- Macbeth-Act III, IV, V
HINDI	गद्य-दासी, पद्य-तुलसी दास के पद वाक्यों का शुद्धीकरण मुहावरो का वाक्यों में प्रयोग	निबन्ध, अपठित गद्यांश वाक्यों का शुद्धीकरण मुहावरो का वाक्यों में प्रयोग। गद्य-पाठ- 1- 10 काव्यमंजरी-1—10 सारा आकाश – सम्पूर्ण उपन्यास	Full Syllabus

MATHEMATICS	Chapter 3. Matrices Chapter 4. Determinants	Chapter 1. Relations and functions Chapter 2. Inverse trigonometric functions Chapter 3. Matrices Chapter 4. Determinants Chapter 5. Continuity and differentiability Chapter 6. Applications of derivatives Chapter 7. Integrals Chapter 9. Differential equations	Full Syllabus
PHYSICS	Electrostatic	Current electricity Optics Modern Physics	Full syllabus

BIOLOGY	Ch.1 Sexual reproduction in flowering plant Ch.2.Human reproduction	Ch.1Sexual reproduction in flowering plant Ch.2.Human reproduction Ch.3.Reproductive health Ch.4.Principles of inheritance and variation Ch.5.Molecular basis of inheritance Ch.6. Origin of life Ch 8. Evolution of man Ch.11.Biotechnology -Principles and Processes Ch.12.Biotechnology and its application Ch.13.Organisms and Population	(Full Syllabus) Ch.1Sexual reproduction in flowering plant Ch.2.Human reproduction Ch.3.Reproductive health Ch.4.Principles of inheritance and variation Ch.5.Molecular basis of inheritance Ch.6. Origin of life Ch 7.Evolution Ch 8. Evolution of man Ch.9 Human health and diseases Ch.10 Microbes in Human Welfare Ch.11.Biotechnology -Principles and Processes Ch.12.Biotechnology and its application Ch.13.Organisms and Population Ch.14 Ecosystem (structure and functions) Ch.15 Biodiversity and Conservation
CHEMISTRY	1. Solutions 3. Electrochemistry 4. Chemical Kinetics	8. d- and f- Block Elements 9. Coordination Compounds 10 Haloalkanes and Haloarenes 11. Alcohols, Phenols and Ethers 12. Aldehydes, Ketones and Carboxylic Acids	01. Solutions 03. Electrochemistry 04. Chemical Kinetics 08. d- and f- Block Elements 09. Coordination Compounds 10. Haloalkanes and Haloarenes 11. Alcohols, Phenols and Ethers 12. Aldehydes, Ketones and Carboxylic Acids 13. Organic Compounds containing Nitrogen 14. Biomolecules

COMPUTER	4. Programming in Java 5. Primitive Values, Wrapper Classes, Types and Casting 6. Variables and expressions 7. Statements and Scope 8. Methods 9. Arrays 10. Strings	1. Boolean Algebra 2. Computer Hardware 3. Implementation of Algorithms to solve Problems 11. Recursion 12. Inheritance Interfaces and Polymorphism 13. Data Structure 14. Computational Complexity and Big O Notation	Full Syllabus (Chapter 1 to 14)
PHYSICAL EDUCATION	CHAPTER 4: COMPETITION AND TOURNAMENT	CHAPTER 1: SOCIOLOGICAL ASPECTS OF PHYSICAL EDUCATION CHAPTER 2: TRAINING METHODS CHAPTER 3: CAREER ASPECTS IN PHYSICAL EDUCATION SECTION B BADMINTON BASKETBALL SWIMMING ATHLETICS CRICKET VOLLEYBALL HOCKEY FOOTBALL TENNIS YOGA	CHAPTER 1. SOCIOLOGICAL ASPECTS OF PHYSICAL EDUCATION CHAPTER 2. TRAINING METHODS CHAPTER 3. CAREER ASPECTS IN PHYSICAL EDUCATION CHAPTER 4. COMPETITION AND TOURNAMENT/BADMINTON AND BASKETBALL CHAPTER 5. HEALTH EDUCATION AND HEALTH PROBLEMS CHAPTER 6. SPORTS INJURIES AND FIRST AID/CRICKET SECTION B BADMINTON, BASKETBALL, SWIMMING, ATHLETICS, CRICKET VOLLEYBALL, HOCKEY, FOOTBALL TENNIS, YOGA