

WAMANRAO MURANJAN JUNIOR COLLEGE OF SCIENCE AND COMMERCE	
SYJC SCIENCE SYLLABUS	
I SEMESTER EXAMINATION 2021-22	
SUBJECT	SYLLABUS
English	Section 1 (Prose) Lesson nos.1.1,1.3 & 1.4 Section 2 (Poetry) Poem nos. 2.1, 2.2 & 2.3 Section 3 (Writing skills) 3.1,3.2,Blog writing & Group Discussion. Section 4 (Novel)-4.1 & 4.2 Grammar- Unit based grammar
Hindi	पद्य विभाग १. नव निर्माण २. पेट होने का अर्थ ३. वृद्ध के दोहे गद्य विभाग १. पाठ.क्र.४ आदर्श बदला २. पाठ. क्र.६ पाप के चार हथियार ३. पाठ क्र.८ सुनीकिशोरी विशेष अध्ययन विभाग पाठ क्र. १३ कानुप्रिया व्यावहारिक हिंदी विभाग १. पाठ. क्र. १४पल्लवन व्याकरण विभाग १. काल परिवर्तन २. अलंकार ३. रस ४. मुहावरो का अर्थ एवं वाक्य प्रयोग ५. वाक्य शुद्ध करके लिखिए ६. पारिभाषिक शब्दावली ७. शब्द संपदा
Marathi	१) गद्य विभाग: पाठ क्रमांक १,३,५ २) पद्य विभाग: पद्य क्रमांक २,६,७ ३) कथा- साहित्यप्रकार -परिचय ४) कथा -शोध ५) उपयोजित मराठी:- पाठ क्रमांक १,२, ६) व्याकरण:- अ) वाक्य प्रकार व वाक्य रूपांतर ब) अलंकार ७) वाक्यचारांचा अर्थ व वाक्यात उपयोग.
Physics	1. Rotational dynamics 2. Superposition of waves 3. Dual nature of radiation & matter 4. Current electricity 5. Thermodynamics 6. Wave Optics
Chemistry	1) Solid States 2) Solutions 3 Ionic Equilibria 4 Chemical Thermodynamics 10) Halogen Derivatives 11) Alcohols, Phenols and Ethers
Mathematics Paper 1	Ch.1. Mathematical Logic Ch.2. Matrices Ch.4. Pair of Straight Lines Ch.7. LPP (Ex.7.1 only)
Mathematics Paper 2	Ch.1. Differentiation Ch.2. Applications of Derivatives Ch.3. Indefinite Integration Ch.4. Definite Integration
Biology	Chapter 1 : REPRODUCTION IN LOWER & HIGHER PLANTS Chapter 2 : REPRODUCTION IN LOWER & HIGHER ANIMALS Chapter 3 : INHERITANCE AND VARIATION Chapter 4 : MOLECULAR BASIS OF INHERITANCE
I.T.	CH-02-- INTRODUCTION TO SEO CH-03--(XI-STD) IMPRESSIVE WEB DESIGNING CH-03-- ADVANCED JAVASCRIPT (TILL UNIT 3.3) CH-01--- ADVANCED WEB DESIGNING TILL PG NO. 15
Computer Science -I	Chapter 3. C++ Chapter 4. HTML
Computer Science -II	1. Introduction to microprocessor & organization of 8085 microprocessor 2. Instruction set & programming in 8085 microprocessor 3. Introduction to X-86 family of microprocessors 4. Introduction to microcontroller
Electronics- I	1. Power Supplies 2. Operational Amplifiers 3. Transducers
Electronics -II	1. Number Systems 2. Logic Gates 3. Multiplexer, Demultiplexer, Encoder And Decoder 4. Flipflops
Electrical Maintenance -I	1. Electrical symbols 2. Circuit and Panel wiring diagrams 3. Fuses 4. Conductors, Insulators, SWG, Semiconductor & High resistance materials 5. Types of wires and wiring Accessories 6. Wiring Systems
Electrical Maintenance -II	1. Transformer 2. Single phase motors 3. Three phase motors 4. Synchronous motor 5. Measuring Instruments
P.E.	1. Physical Fitness 2. Exercise- Scientific View 3. Active Lifestyle 4. Motivational stories 5. Sports Awards 6. Home Exercise Plan