



# S. S. T. College of Arts and Commerce

JUNIOR COLLEGE

XII

SYLLABUS

ENGLISH

C.S.

BIOLOGY

CHEMISTRY

PHYSICS

MATHS

HINDI / I.T.

MARATHI

SCIENCE



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## Subject - English {Annual Planner}

Month	Days	Contents
June	14	1.1-An Astrologer's Day ( Prose) 2.1- Song of the Open Road ( Poem) 1.Expansion of Ideas,Speech Writing ,Write a Blog Post ( Writing Skills) * Grammar - Direct & Indirect Speech / Simple , Complex & Compound Sentences / Metaphor, Paradox,free verse / Appreciation of poem, Composing lines.
July	24	1.2- On Saying " Please" ( Prose) 2.2- Indian Weavers (Poem) 3.1- Summary Writing , Unseen Passge , Appeal Writing * Grammar - Spot the Error / Articles/ Change the voice/ Alliteration, Simile, Imagery , Antithesis, Climax, Rhyming Scheme.
Aug.	20	1.3 - The Cop and the Anthem ( Prose) 2.3 - The Inchcape Rock ( Poem) 3.2 - Do Schools Really Kill Creativity ? ( Mind Mapping ) , View - Counterinterview *Grammar- Prepositions / Affirmative, Negative / Personification, Inversion, Repetition, Apostrophe
Sep.	25	1.4 - Big Data - Big Insights ( Prose) 2.4 - Have You Earned Your Tomorrow ( Poem) 3.3- Note Making, Conduct an Interview, Leaflet, Report Writing. 4.3 - Around the World in Eighty Days ( Novel) *Grammar- Degrees of Comparison/ Use of "as well as"/ "either or", Imperative, Interrogation, / Onomatopoeia, Hyperbole, Irony,Pun, Euphemism.
Oct	23	1.5 - The New Dress ( Prose) 2.5 - Father Returning Home ( Poem) 3.4- Statement of Purpose, Film Review, Comparing. *Grammar- Tenses/Adjective/Use of Modale Auxiliary/Framing Questions, Reported Speech,/ metonymy
Nov.	13	1.6- Into the Wild ( Prose) 2.6 - Money ( Poem) * Email - Writing , Letter Writing. *Grammar- Not Only but also/Onomatopoeia, Infinitive/ Gerunds.
Dec.	20	1.7 - Why we Travel ( Prose) 2.7 - She Walks in a Beauty ( Poem) 3.4 - Drafting a Virtual Message ( Writing Skills) 4.4 - The Sign Of Four ( Novel) *Grammar- Present Participle/Clauses/ Exclamatory

## Subject - English {Annual Planner}

Month	Days	Contents
Jan.	25	1.8- Voyaging Towards Excellence ( Prose) 2.8 - Small Towns & Rivers ( Poem) 3.5- Group Discussion ( Writing Skills) *Grammar- Primary & Modal Auxiliary. ***Preliminary Exam
Feb.	22	Practical/ Internal Oral Exam HSC Board

## Subject - English ( Examination Pattern)

Class	Unit Test - 1	First Sem.Exam	Unit Test- 2	Second Sem/ Preliminary Exam
12th	Prose- 1.1/1.2	Prose- 1.1/1.2/1.3/1.4	Prose- 1.5/1.6	All Syllabus
	Poem- 2.1/2.2	Poem- 2.1/2.2/2.3/2.4	Poem-2.5/2.6	
	W.Skills- 3.1.	W.Skills- 3.1/3.2/3.3.	W.skills- 3.4	
	Novel- 4.1	Novel- 4.1/4.2	Novel- 4.3	

विषय :- मराठी (वार्षिक घटक नियोजन २०२०.२१)

अनु क्र.	महिना	दिवस	विषय
१	जून	१४	१. वेगवशता २. रोज मातीत *व्याकरण
२	जुलै	२५	३. आयुष्य ....आनंदाचा उत्सव *व्याकरण ४. रे थांब जरा आषाढघणा * साहित्यप्रकार : शोध
३	ऑगस्ट	२०	५. वीराना सलाम ६. रंग माझा वेगळा ७. विंचू चावला * उपयोजित : मुलाखत
४	सप्टेंबर	२५	८. रेशीमबंध ९. समुद्र कोंडुन पडलाय *साहित्यप्रकार : गढी *उपयोजित : माहितीपत्रक
५.	ऑक्टोबर	२३	१०. दंतकथा ११. आरशातली स्त्री * उपयोजित : अहवाल * व्याकरण
६.	नोव्हेंबर	११	* व्याकरण : निबंधलेखन
७.	डिसेंबर	२०	१२. रंगरेषा व्यंगरेषा * उपयोजित : वृत्तलेख
८.	जानेवारी	२५	पूर्व परिक्षा
९.	फेब्रुवारी	२२	प्रात्यक्षिक परीक्षा, बोर्ड परिक्षा

विषय :- मराठी (परीक्षा नियोजन)

इयत्ता	चाचणी-१	प्रथम सत्र	चाचणी -२	द्वितीय सत्र / पूर्व परीक्षा
बारावी	प्रकरण : १ ते ४ शोध, मुलाखत, व्याकरण	प्रकरण : १ ते ८ गढी, माहितीपत्रक, व्याकरण	प्रकरण : ९ ते १० साहित्यप्रकार, दंतकथा	संपूर्ण अभ्यासक्रम

विषय :- हिंदी (वार्षिक घटक नियोजन २०२०-२१)

अनु क्र.	महिना	दिवस	विषय
१	जून	१४	१. नवनिर्माण २. निराला भाई *व्याकरण
२	जुलै	२५	३. सच हम नहीं: सच तुम नहीं ४. आदर्श बदला * कनूप्रिया * पल्लवन
३	ऑगस्ट	२०	५. अ. गुरुबाणी आ. वृंद के दोहे ६. पाप के चार हथियार * फीचर लेखन * व्याकरण
४	सप्टेंबर	२५	७.पेड होने का अर्थ * मुहावरे ८. सुनो किशोरी * मै उद्घोषक
५.	ऑक्टोबर	२३	९. चुनिंदा शेर * ब्लॉग लेखन १०. ओजोन विघटन का संकट * भावार्थ
६.	नोव्हेंबर	११	११. 'कोखजाया' प्रकाश उत्पन्न करने वाले जीव
७.	डिसेंबर	२०	१२. सुनु रे सखिया * कजरी * रसास्वादन
८.	जानेवारी	२५	पूर्व परिक्षा
९.	फेब्रुवारी	२२	प्रात्यक्षिक परीक्षा, बोर्ड परिक्षा

विषय :- हिंदी (परीक्षा नियोजन)

इयत्ता	चाचणी-१	प्रथम सत्र	चाचणी -२	द्वितीय सत्र / पूर्व परीक्षा
बारावी	प्रकरण : १ते ३	प्रकरण : १ते ६	प्रकरण : ७ ते ९	संपूर्ण अभ्यासक्रम

**SUBJECT : IT {Annual Planner}**

<b>Month</b>	<b>Date</b>	<b>Contents</b>
June	14	1.Advanced Web Designing & Skill Oriented Practicals (SOP) Advanced Web Designing (Practicals)
July	25	2.Introduction to SEO (Search Engine Optimization) & Advanced JavaScript (Practicals)
August	20	3.Advanced JavaScript & Server-Side Scripting (PHP Practicals)
September	25	4.Emerging Technologies (IOT, Cloud computing, AI,5G) 5 (Practicals)
October	23	5.Server-Side Scripting (PHP)
November	11	5.Server-Side Scripting (PHP)
December	20	6.E-Commerce
January	25	6. E-Governance
February	22	<b>State Board Final Exam</b>

<b>Class</b>	<b>Unit Test - I</b>	<b>Semester - I</b>	<b>Unit Test - II</b>	<b>Semester - II</b>
XII Science	1, 2	1 to 3	4 & Practical (SOP)	Practical (SOP) 1 to 4

## Sub: Maths (Annual Planner)

Month	Days	Content (Part - I)	Content (Part - II)
June	14	1.Mathematical Logic	1. Differentiation
July	25	2.Matrices	2. Applications of Derivatives 3. Indefinite Integration
August	20	3.Trigonometric Functions	4. Definite Integration
September	25	4.Pair of straight Lines 5.Vectors	4. Application of Definite Integration 5. Differential Equations
October	23	6.Lines and Plane	7. Probability Distribution
November	11	6.Line and Plane	6. Probability Distributions
December	20	7.Linear Programming	7. Binomial Distribution
January	25	Prelim Exam Practise Exam	
February	22	Practical Exam, Board Exam	

## Sub: Maths-1 (Exam Planner)

Std	Unit Test-1	1st Term	Unit Test-2	2nd Term/Prelim
12th	Cha. 1, 2	Cha. 1 to 4	Cha. 5 to 6	Whole Syllabus

## Sub: Maths-2 (Exam Planner)

Std	Unit Test-1	1st Term	Unit Test-2	2nd Term/Prelim
12th	Cha. 1, 2	Cha. 1 to 5	Cha. 6 to 7	Whole Syllabus

**Sub : Physics { Annual Planner }**

<b>Month</b>	<b>Days</b>	<b>12th</b>
June	14	1. Rotational Dynamics 2. Mechanical Properties of Fluids
July	25	3. Kinetic Theory of Gases and Radiations 4. Thermodynamics 5. Oscillations
August	20	6. Superposition of Waves 7. Wave Optics
September	25	8. Electrostatics 9. Current Electricity 10. Magnetic Fields due to Electric Current
October	23	11. Magnetic Materials 12. Electromagnetic Induction
November	11	*13. AC Circuits
December	20	14. Dual Nature of Radiation & Matter 15. Structure of Atoms and Nuclei
January	25	*16. Semiconductor Devices ** Prelim Exam, Practice Exam
February	22	** Practical Exam, Board Exam

**Sub : Physics { Exam Planner }**

<b>Std</b>	<b>Unit Test - 1</b>	<b>1st Term</b>	<b>Unit Test - 2</b>	<b>2st Term/Prelim</b>
12th	Chap. 1 to 4	Chap. 1 to 8	Chap. 9 to 12	Whole Syllabus



<b>Sub : Chemistry { Annual Planner }</b>		
<b>Month</b>	<b>Days</b>	<b>12th</b>
June	14	1. Solid State 2. Solutions
July	25	3. Ionic Equilibria 4. Chemical Thermodynamics 5. Electrochemistry
August	20	6. Chemistry Kinetics 7. Elements of Group 16, 17 & 18
September	25	8. Transition and Inner transition Elements 9. Co-ordination 10. Halogen Derivatives
October	23	11. Alcohols, Phenols & Ethers 12. Aldehydes, Ketones & Carboxylic Acids
November	11	*13. Amines
December	20	14. Biomolecules 15. Introduction To Polymer Chemistry
January	25	16. Green Chemistry & Nanochemistry * Prelim Exam, Practice Exam
February	22	* Practical Exam, Board Exam

<b>Sub : Chemistry { Exam Planner }</b>				
<b>Std</b>	<b>Unit Test - 1</b>	<b>1st Term</b>	<b>Unit Test - 2</b>	<b>2nd Term/Prelim</b>
12th	Cha. 1 to 4	Cha. 1 to 8	Chap. 9 to 13	All Syllabus

<b>Sub : Biology { Annual Planner }</b>				
<b>Month</b>	<b>Days</b>	<b>12th</b>		
June	14	1. Reproduction in Lower and Higher Plants 2. Reproduction in Lower and Higher Animals		
July	25	2. Reproduction in Lower and Higher Animals 3. Inheritance & Variation 4. Molecular Basis of Inheritance		
August	20	5. Origin & Evolution of Life 6. Plant Water Relation		
September	25	7. Plant Growth & Mineral Nutrition 8. Respiration & Circulation 9. Control & Co-ordination		
October	23	10. Human Health & Diseases 11. Enhancement of Food Prod. 12. Biotechnology		
November	11	*13. Organisms and Populations		
December	20	14. Ecosystems & Energy Flow 15. Biodiversity, Conservation and Environmental Issues		
January	25	15. Biodiversity, Conservation and Environmental Issues * Prelim Exam, Practice Exam		
February	22	* Practical Exam, Board Exam		
<b>Sub : Biology { Exam Planner }</b>				
<b>Std</b>	<b>Unit Test - 1</b>	<b>1st Term</b>	<b>Unit Test - 2</b>	<b>2nd Term/Prelim</b>
12th	Cha. 1 to 4	Cha. 1 to 8	Chap. 9 to 13	All Syllabus

## Sub: COMPUTER SCIENCE(Annual Planner)

Month	Days	Paper- I	Paper - II
June	14	1. C++ 1.1.-Study of functions	1. Intro to 8085 microprocessor
July	25	1.2. Study of arrays	2. Architecture of 8085
August	20	1.3 Class and objects	3. Statements of 8085
September	25	1.4 concepts of object oriented 1.5 programming	4. Assembly language Programs
October	23	2. Data structures	5. Study of members of X-86 family
November	11	3. operating systems	6. Study pf 8051 microcontroller
December	20	4. HTML 4.1 tags	7. Networking 7.1 Concepts 7.2 Types of network
January	25	4.2 Programs	7.3 Devices
February	22	<b>Practical &amp; Board Exam</b>	

### Sub: Computer Science-1 (Exam Planner)

Std	Unit Test-1	1st Term	Unit Test-2	Prelim
12th	Cha. 1	Cha. 1 to 2	Cha. 3 to 4	All Syllabus

### Sub: Computer Science-2 (Exam Planner)

Std	Unit Test-1	1st Term	Unit Test-2	Prelim
12th	Cha. 1, 2	Cha. 1 to 3	Cha. 4 to 5	All Syllabus

**SUBJECT:-SINDHI (DEVANAGARI) Std: XII STREAM: SCIENCE**

Month	Days	CHAPTER NAME
June	14	शौकु गीतु
July	25	आपदा - खासु जाण पिरिं पसु पाण में
August	20	मन जी शान्ती! सिंधु ऐं सिंधी
September	25	इसि को डांड! मां वि हिकु बागी!
October	23	अचो त पाणी बचायूं बैतु अदो अब्दुल रहमानु

<b>November</b>	<b>11</b>	आकाश कन्या - कल्पना चावला
<b>December</b>	<b>20</b>	नासिहाणो कलामु ॥ व्याकुलु नज़िरुं व्याकुलु वाणी
<b>January</b>	<b>25</b>	लेह-लदाख जो सैरु ॥ हिकु शर्तु
<b>February</b>	<b>22</b>	<b>Board Exams</b>

### Examination Pattern

Class	Unit Test – I	Semester – I	Semester – II	Prelim Exam
<b>XII commerce</b>	Ch.04 Poem .02	Ch.06 Poem.04	Ch. 02 Poem. 02	All Chapters

Month	Days	CHAPTER NAME
June	14	<p>شوق</p> <p>گيت</p>
July	25	<p>آپدا - خاص ڄاڻ</p> <p>پرڻ پڻ پاڻ ڀر</p>
August	20	<p>من جي شانتي !</p> <p>سنڌ ۽ سنڌي</p>
September	25	<p>ڏس ڪو ڏانءُ !</p> <p>مان به هڪ باغي !</p>

October	23	<p>آچو ته پاڻي بچايون</p> <p>هڪ شرط</p> <p>بيت</p>
November	11	<p>ادو عبدالرحمان</p>
December	20	<p>ناصر حائو ڪلام</p> <p>آڪاش ڪنيا - ڪلينا چاوا</p> <p>ليده - لداخ جو سير</p>
January	25	<p>وياڪل نظرون وياڪل واڻي</p>
February	22	<p><b>Board Exams</b></p>

### Examination Pattern

Class	Unit Test – I	Semester – I	Semester – II	Prelim Exam
XII commerce	Ch.04 Poem .02	Ch.06 Poem.04	Ch. 02 Poem. 02	All Syllabus