

P.S.SENIOR SECONDARY SCHOOL
SYLLABUS FOR AUGUST UNIT TEST (COMMERCE GROUP)

| SUBJECT | CLASS XI | CLASS XII |
|------------------------------|--|---|
| ENGLISH | 1.We are not afraid to die 2. Laburnum top 3. Note making 4. Classifieds - Situation vacant and wanted 5. Speech 6. Reported Speech | 1. Deep water 2. Thing of beauty 3. The Tiger king 4. Article Writing 5. Notice |
| MATHS / APPLIED MATHS | Applied maths: 1.Straight lines 2.Sets, 3.Taxation, 4.AP and GP | MATHS: 1. Maxima and Minima 2. Rate of Change 3. Indefinite integral APPLIED MATHS: 1.Differentiation 2.Increasing and Decreasing function 3.Rate of change 4.Tangents and Normals 5.Maxima and Minima |
| BUSINESS STUDIES | Forms of business organisation, Formation of a company | Marketing, Consumer Protection |
| ACCOUNTANCY | Accounting equation, Rules of Debit and credit, Journal, Ledger, Trial balance | Change in profit sharing ratio, Admission of a partner |
| ECONOMICS | Statistics - Presentation of Data Microeconomics - PPC & Consumer's Equilibrium | Indian Economic Development - Indian Economy (1950 - 1990), LPG, Human Capital Formation |
| MARKETING | Marketing Philosophies, Marketing Environment, Communication Skills | Pricing - Session 1 &. 2 and Communication Skills |

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| SUBJECT | CLASS XI | CLASS XII |
|----------------------|---|------------------|
| LEGAL STUDIES | Unit 1: Introduction to Political Institutions, Chapter 3 -Seperation of Powers.Unit 2- Basic features of Constitution of India, Chapter 1: Salient features of Constitution of India | ***** |

P.S.SENIOR SECONDARY SCHOOL
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| SUBJECT | CLASS XI | CLASS XII |
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| ENGLISH | 1.We are not afraid to die 2. Laburnum top 3. Note making 4. Classifieds - Situation vacant and wanted 5. Speech 6. Reported Speech | 1. Deep water 2. Thing of beauty 3. The Tiger king 4. Article Writing 5. Notice |
| MATHS | MATHS: 1. Trigonometry 2. Straight lines 3. Sets | MATHS: 1. Maxima and Minima 2. Rate of Change 3. Indefinite integral |
| PHYSICS | 1.Motion in Two dimensional motion 2.Laws of motion upto friction (Friction not included) | 1.Wave optics 2.Moving charges and magnetism |
| CHEMISTRY | 1.CLASSIFICATION OF ELEMENTS AND PERIODICITY IN PROPERTIES 2.CHEMICAL BONDING (TILL VSEPR) | 1.d AND f BLOCK ELEMENTS 2. ALCOHOLS PHENOLS AND ETHERS |
| BIOLOGY | Anatomy of Flowering plants, Breathing & exchange of gases, Body fluids & Circulation. | 1.Molecular Basis of Inheritance 2. Evolution |
| COMPUTER SCIENCE | PROBLEM SOLVING, PYTHON - basics of python, input(), print(), if-elif-else, nested if, while and for loop | Exception Handling, Text file, Binary file |
| INFORMATICS PRACTICES | Nested if ,while loop and for loop | SERIES, DATAFRAME, Basics of MATPLOTLIB |

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| SUBJECT | CLASS IX | CLASS X |
|----------------|--|---|
| ENGLISH | 1. The Little girl 2. Rain on the roof 3. The Wind 4. Ishwaran the storyteller 5. Story witing 6. Grammar : Verbs and Tenses, Mixed Bag | 1. From the diary of Anne Frank 2. The Ball Poem 3. The Thief's Story 4. The Midnigh Visitor 5. Letter of Complaint 6. Grammar : Verbs, Tenses, Mixed Bag |
| MATHS | 1.NUMBER SYSTEMS 2.LINEAR EQUATIONS IN TWO VARIABLES 3.LINES AND ANGLES 4.HERON'S FORMULA | 1.INTRODUCTION TO TRIGONOMETRY 2.SOME APPLICATIONS OF TRIGONOMETRY 3.POLYNOMIALS |
| SCIENCE | CHEMISTRY : IS MATTER AROUND US PURE (TILL PG 18) PHYSICS: CHAPTER 8 - MOTION - Graphical representation of motion, Equations of motion, Circular motion, Numericals related to these topics, CHAPTER 9- FORCE AND LAWS OF MOTION - upto Newton's second law of motion (till page 121) Biology: Tissues (Plant Tissue upto page 72) | PHYSICS - HUMAN EYE AND COLOURFUL WORLD, ELECTRICITY UPTO OHMS LAW, CHEMISTRY: METALS AND NON METALS UPTO PROPERTIES OF IONIC COMPOUNDS Biology: Control & Coordination |
| SOCIAL SCIENCE | 1. Socialism in Europe and Russian Revolution - Units 1&2 2. Constitutional Design 3. Drainage 4. Poverty | 1. Gender, Religion and Caste 2. Nationalism in India Unit (1 & 2) 3. Water re sources 4. Money & Credited Maps done so far |

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|-------------------------|--|---|
| TAMIL | <p>August unit test portions :</p> <p>இயல்: 2 செய்யுள்- பெரியபுராணம் துணைப்பாடம்- துணைவினைகள் இலக்கணம்- துணைவினைகள்</p> <p>இயல்: 3 உரைநடை- ஏறு தழுவுதல் செய்யுள்- மணிமேகலை இலக்கணம்- வல்லினம் மிகும் இடங்கள்</p> | <p>உரைநடை: விருந்து போற்றுதும் செய்யுள்- காசிக்காண்டம், மலைபடுகடாம் , திருக்குறள் துணைப்பாடம்- கோபல்லபுரத்து மக்கள் இலக்கணம்- தொகாநிலைத்தொடர்கள்</p> |
| HINDI | ***** | <p>डायरी का एक पन्ना, पर्वत प्रदेश में पावस, व्यकरण, लघु कथा लेखन, पत्र।</p> |
| SANSKRIT | ***** | <p>Lessons सुभाषितानि, शिशुलालनम्। व्यञ्जन सन्धिः, प्रत्ययः- त्व तल्, तत्पुरुष, द्वन्द्व समासः, पत्रं, अव्ययम्, घटना इत्यादयः।</p> |
| ARTIFICIAL INTELLIGENCE | <p>"Subject specific skills: ----- 1. AI project cycle from Data Acquisition till Data exploration. 2. Introduction to Python Employability skills: 1. Communication skills complete lesson except first 5 pages."</p> | <p>Subject specific skills: ----- Unit 2 - AI project cycle - Neural networks, Evaluation. Unit 3 - Data science- Introduction and Applications. Employability skills: ----- Unit 2 - Self management skills.</p> |

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| SUBJECT | CLASS VI | CLASS VII | CLASS VIII |
|----------------------|---|--|---|
| ENGLISH | UT - 2 Portions LR <u>Amrita Devi Bishnoi</u> (Pr) Lines Written in Early Spring (Po) SR - The Miracle (Pr) WR - Paragraph Writing (Narrative) GR General Kinds of sentences | LR The Triumph (Pr) For Athletes (Po) SR - The Kabuliwallah (Pr) WR - Notice Writing (Events) GR General, Phrases and Clauses | Reader - Prose- The New School; Supplementary Reader- Child's bedtime story(poem), Thank you ma'am; Writing- Narrative paragraph; Grammar- Types of sentences, Jumble Words |
| MATHS | 1. Playing with numbers 2. Whole numbers 3. Fractions 4. Decimals | "1. Conversion of metric measures 2. Rational numbers 3. Properties of Triangles 4. Construction of Parallel Lines" 5. Lines and Angles | 1. Understanding Quadrilaterals 2. Algebraic Expression 3. Exponents 4. Factorisation (EX: 7.1,7.2) |
| SCIENCE | 1. Sorting materials into groups Separation of substances | 2. Phy: Heat and Temperature (page 58 - 66) Che: Elements, Compounds And Chemical Equations Bio: 1. Nutrition in Animals 2. Fibre to Fabric | Phy: 1. Force and Pressure (page 143 -148) 2. Friction Che: Metals and Non-metals Bio: Crop production and Management (page 5 - 13) |
| SOCIAL SCIENCE | History: 1. Earliest Societies 2. The first farmers and herders Geography: 3. Latitudes and Longitudes | 1. New Kings and Kingdoms 2. Institutional Representation of Democracy 3. Earth's Interior - Rocks and Minerals | 1. Rural society and life 2. Natural resources - land soil and water 3. The Vision of the Constitution of India. |
| II LANGUAGE TAMIL | இயல் 2 முழுவதும் (Refer textbook and class work) | இயல் 2 முழுவதும் (Refer textbook and class work) | இயல் 2 முழுவதும் (Refer textbook and class work) |

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| SUBJECT | CLASS VI | CLASS VII | CLASS VIII |
|-------------------------|--|---|---|
| II LANGUAGE HINDI | बचपन CW and TB Exercises अपठित गद्यांश पठित गद्यांश व्याकरण - उपसर्ग प्रत्यय विलोम शब्द समरूपी भिन्नार्थक शब्द संज्ञा सर्वनाम विशेषण संवाद लेखन | **** | ***** |
| II LANGUAGE SANSKRIT | Class 6 II language Sanskrit August UT portions वर्ण-विच्छेदः, अकारान्त पुल्लिङ्ग शब्दः, संख्या १-२०, धातु-अर्थः, Word meanings - English to Sanskrit, Sanskrit to Sanskrit | **** | ***** |
| III LANGUAGE TAMIL | சிலப்பதிகாரம் - செய்யுள் காணி நிலம் - செய்யுள் சிறகின் ஓசை - உரைநடை. தமிழ் எழுத்துகளின் வகையும் தொகையும் இலக்கணம் (Refer textbook and class work) | **** | **** |
| III LANGUAGE HINDI | सच्चा मित्र (CW and TB Exercises) अपठित गद्यांश पठित गद्यांश चित्रभाव ग्रहण | टैगोर की कलम से (CW and TB Exercises) अपठित गद्यांश पठित गद्यांश चित्रभाव ग्रहण | जैसी करनी वैसी भरनी (CW and TB Exercises) अपठित गद्यांश पठित गद्यांश चित्रभाव ग्रहण |

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| SUBJECT | CLASS VI | CLASS VII | CLASS VIII |
|--------------------------|---|---|--|
| III LANGUAGE SANSKRIT | <p>Sanskrit words for given letters. Split the word/ join the letters. Numbers in Sanskrit 1 to 20. Match picture with words. Word meanings. राम शब्दः प्रथमा विभक्तिः।</p> | <p>Sanskrit words for given letters. Split the word/ join the letters. Numbers in Sanskrit 1 to 20. धातुः with meanings. Word meanings. अकारान्त पुल्लिङ्ग शब्दः।</p> | <p>Sanskrit words for given letters. Split the word/ join the letters. Numbers in Sanskrit 1 to 20. धातुः with meanings. Word meanings. अकारान्त पुल्लिङ्ग शब्दः। लट् लकारः।</p> |
| CSC | <p><u>Ln:4 Editing in Ms Excel -</u> 1. Using Undo & Redo 2. Coloumn width and Row height 3. Inserting Rows or Coloumn 4. Merging Cells 5. Auto Fill 6. Customise Worksheet Tab <u>Ln:5</u> <u>Formulas and Functions -</u></p> | <p>Ln:3 Formatting a Web page</p> | <p>Ln:3 Operators in C++</p> |

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| SUBJECT | CLASS III | CLASS IV | CLASS V |
|----------------|---|---|---|
| ENGLISH | Lit Reader : Ln 2 - The musical donkey Grammar Nouns (common, proper, collective and compound nouns) Writing Paragraph Writing | Lit Reader : 1. Great Spirit of the Sal Tree 2. These Trees (poem) Grammar Verbs (Present and present continuous tense) Writing Process Writing | Lit Reader : 1. The Dragon Rock 2. The Day That the Telly Broke Down (poem) Grammar : Modals, Conjunctions Writing 1. ParagraphWriting |
| MATHS | Ln. 2 Addition Ln. 3 Subtraction Ln. 4 Multiplication (Ex. 4.1 and 4.2) Refer classwork and worksheet | Chapter 2 Addition and Subtraction Chapter 3 Multiplication Chapter 4 Division (4.1-4.3) refer c.w worksheet | Ch 2 Operations on large numbers Ch 3 Factors and multiples Ch 6 Basic Geometry refer c.w. Worksheet |
| SCIENCE | 1. What animals eat 2. Birds | L.1The Green Plants L.2Plant Adaptations L.5Circulatory System and Excretory System | Ln.1 Animal Habitats and Adaptations Ln.2 Measurement |
| SOCIAL SCIENCE | Lesson 3 - Our Universe Leson -4 - Earth: The Blue Planet Refer - CW, Textbook and worksheets | Lesson - 2 - Ancient Civilizations of the world Refer - CW, Textbook and worksheets lesson -7 Mountains, plains and the desert | Lesson - 2 - The Revolt of 1857 and Socio - Religious Reforms Lesson - 8 - Movements of the Earth Refer - CW, Textbook and worksheets |

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| TAMIL | <p>6.டும்.. டும்.. சின்னு 7. தனித்திறமை 8. இறகு யாருடையது? 9. ஒன்றுபட்டால் உண்டு வாழ்வு Refer TB/CW.</p> | <p>4.முளைப்பாரி - பாடல் 5.பண்படுத்துதல் பழமொழிகள்- உரைநடை 6.முயல் அரசன் - படக்கதை 7.வெற்றி வேற்கை - செய்யுள் இலக்கணம் பேச்சு வழக்கு எழுத்து வழக்கு (T. B pages 27 &28) பொதுப்பெயர் - கென் இலக்கணப் பயிற்சி நூல் (page:no:31) Refer:T. B&C. W</p> | <p>இயல் 2 முழுவதும் (Refer textbook and class work)</p> |
| HINDI | <p>पाठ 4 – रंग-बिरंगे हवाई जहाज़ Refer Textbook and classwork पठित गद्यांश (Reading Comprehension) चित्रभावग्रहण (Picture Comprehension)</p> | <p>पाठ 2 – बलवान कौन Refer Textbook and classwork अपठित गद्यांश , चित्रभावग्रहण</p> | <p>पाठ 2 – ऐसा मनाया जन्मदिन Refer Textbook and classwork अपठित गद्यांश , चित्रभावग्रहण</p> |
| CSC | ---- | <p>Ln:2 Working with Windows 7. Ln: 5 Programming in scratch</p> | <p>Ln: Windows 7 Ln: Working with MS powerpoint 2010</p> |

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| SUBJECT | CLASS I | CLASS II |
|---------|---|---|
| ENGLISH | <p>Literature: Ln 5 The Kind Cloud, 2. Mice (Poem) Grammar: 2. Naming words Writing: Picture Composition Refer CW, Grammar WB & TB</p> | <p>Literature - Ln 2 The Quilt Grandma Made Grammar - 1. The Sentence 2. Articles Writing - Word web Refer CW, Grammar WB, TB</p> |
| MATHS | <ul style="list-style-type: none"> ●Number concepts(1-300) ●Addition :2- single digit numbers,3-single digit numbers upto 10,2- digit number with and without regrouping,word problem. ●Subtraction of single digit number without regrouping. | <p>1. Numbers (0-1000) - missing numbers, number names, before/after/between , place value, expanded/short form, comparison, ascending/descending order, even/odd numbers, formation of numbers</p> <p>2. Addition- single , two and three digit numbers without and with regrouping , word problems .</p> <p>3. Subtraction - single , two and three digit numbers without and with regrouping, checking of addition using subtraction, word problems.</p> |
| EVS | <p>Lesson 3 - Food we eat Lesson 4 - water</p> | <p>Lesson 5 - Houses we live in Lesson 6- clothes people wear</p> |
| TAMIL | <p>மெய் எழுத்துக்கள் Book page no:40,41,42,46,48,49,50 Refer Text book & class work</p> | <p>4. நானும் நாங்களும் 5. நண்பரைக் கண்டுபிடி! 6. பயணம் Refer cw and text book</p> |
| HINDI | <p>उ , ऊ , ऋ , ए , ऐ refer text book and cw</p> | <p>चिड़िया आई , तितली आई इ /ई मात्रा. refer cw and tb</p> |