

## Class VII

### DA Syllabus Breakup

	English	Math	Science
<b>DA 1</b>	a. Transformation of Sentences b. Question Tags	1. Integers 2. Fractions	Biology Ch.1 Nutrition in Plants
<b>DA 2</b>	<b>A. Verbs:</b> a. Transitive, Intransitive and Incomplete Verbs b. Finite and Non- finite Verbs	3. Decimals 5. Powers and Exponents	Physics: Ch. 05: Heat and its Effects Ch. 06: Flow of Heat
<b>DA 3</b>	a. Subject Verb Agreement b. Tenses	6. Algebraic Expressions 7. Linear Equations 18. Probability	Physics: Ch.16: Light Chemistry Ch.03. Structure of Matter
<b>DA 4</b>	a. Direct and Indirect Speech b. Phrases and Clauses	8. Ratio and Proportion 9. Percentage and its Applications	Physics: Ch. 14: Motion and Time
<b>DA 5</b>	a. Adjectives b. Pronouns	10. Lines and Angles 11. Properties of Triangles	Biology Ch. 12 Transportation of Materials in Plants and Animals Chemistry Ch.08.Physical and Chemical Changes (excluding oxidation reduction reaction)
<b>DA 6</b>	a. Active and Passive Voice b. Conjunctions	16. Perimeter and Area 17. Data Handling	Physics: Ch. 17: Electric Current and Its Effects Ch. 15: Winds, Storms and Cyclones Chemistry Ch. 07. Acids and Bases (Till page No. 75)

## CLASS VII

### Examination Syllabus Breakup

### ENGLISH

Topics	Mid Term I	Half Yearly Examination	Mid Term II	Final Examination
<b>Detailed Study</b>	<b>L 1:</b> Attila <b>L 12 (Poem):</b> My Computer Needs a Break <b>L 3:</b> Three Men in a Boat	<b>L 9:</b> The Living Palette <b>L10 (Poem):</b> Treehuggers	<b>L 8:</b> The Holy Panchayat <b>L 5 (Poem):</b> Six and Out <b>L 2 (Poem):</b> The Coromandel Fishers	<b>L 4:</b> The Conceited Python <b>L14 (Poem):</b> Lines Written in Early Spring
<b>Non-detailed Study</b>	<b>L 7:</b> The Enchanted Shirt	<b>L 11:</b> A Girl in the Himalayas	<b>L 6:</b> The Remarkable Rocket	<b>L 13:</b> The Mysterious Affair at Styles
<b>Grammar</b>	a. Transformation of sentences b. Question Tags c. Verbs	a. Subject-Verb Agreement b. Tenses c. Direct and Indirect Speech	a. Phrases and Clauses b. Adjectives c. Pronouns	a. Active & Passive Voice b. Conjunctions c. Adverbs d. Prepositions
<b>Writing Skills</b>	a. Story Writing b. Advertisement c. Diary Entry	a. Notice (Lost and Found) b. Formal Letter (to authority)	a. Guided Composition b. Data Interpretation)	a. Dialogue Writing b. Process Description
<b>Novel</b>	Lessons 1 - 9	Lessons 10 -18	Lessons 19 - 24	Lessons 25 - 31
		+ Complete Syllabus of Mid Term - I Examination except the non-detailed lessons		+ Complete Syllabus of Mid Term - II Examination except the non-detailed lessons

#### Books Prescribed :

1. Ace with Aster Coursebook, Pearson Publications
2. Essentials of English Grammar and Composition - 7, Sultan Chand and Sons, (P) Ltd.
3. Novel - Twenty Thousand Leagues under the Sea, Pigeon Books

#### Note:

1. Non-Detailed lessons will be tested in the form of Writing Skills. Non-Detailed lessons which are activity-based will not be tested in the examinations.
2. Entire syllabus of Grammar and Writing skills will be tested in the Final Examination.
3. Lesson 15- Around the World in Eighty Days has been deleted from the syllabus.

## CLASS VII

### Examination Syllabus Breakup

#### हिन्दी

Topics	Mid Term I	Half Yearly Examination	Mid Term II	Final Examination
पाठ्य पुस्तक: वसंत भाग 2	पाठ 1 : हम पंछी उन्मुक्त गगन के (कविता) पाठ 5 : मिठाईवाला पाठ 3 : हिमालय की बेटियाँ	पाठ 4 : कठपुतली (कविता) पाठ 10 : अपूर्व अनुभव पाठ 14 : खानपान की बदलती तस्वीर	पाठ 11 : रहीम के दोहे पाठ 17 : वीर कुँवर सिंह पाठ 18 : संघर्ष के कारण मैं तुनक मिजाज़ हो गया : धनराज	पाठ 16 : भोर और बरखा (कविता) पाठ 13 : एक तिनका (कविता) पाठ 15 : नीलकंठ
व्याकरण	<ul style="list-style-type: none"> <li>वर्ण-विचार (अनुस्वार, अनुनासिक व नुक्ता, पंचम वर्ण, वर्ण – विच्छेद, 'र' के रूप)</li> <li>विशेषण</li> <li>द्वंद्व समास</li> <li>विलोम शब्द (तालिका i)</li> <li>पर्यायावाची शब्द (तालिका iii रिश्ते-नाते संबंध सूचक शब्द(1-8))</li> <li>वर्तनी शुद्ध करना</li> <li>वाक्य शुद्ध करना</li> </ul>	<ul style="list-style-type: none"> <li>शब्द युग्म</li> <li>उपसर्ग (उप, अभि, ना, स्व, अन)</li> <li>प्रत्यय (आहट, आवट, वान, गर, त्व)</li> <li>अनेक शब्द के लिए एक शब्द (1-10)</li> <li>विलोम (तालिका ii)</li> <li>पर्यायावाची शब्द (तालिका iii रिश्ते-नाते संबंध सूचक शब्द(9-15))</li> <li>वर्तनी शुद्ध करना</li> <li>वाक्य शुद्ध करना</li> </ul>	<ul style="list-style-type: none"> <li>कारक</li> <li>विराम चिह्न</li> <li>अलंकार (अनुप्रास, अलंकार, अंत्यानुप्रास)</li> <li>विलोम शब्द (तालिका iii)</li> <li>पर्यायावाची शब्द (तालिका iv)</li> <li>धर्म, देवी-देवता संबंधी शब्द (1 से 10 तक)</li> <li>वर्तनी शुद्ध करना</li> <li>वाक्य शुद्ध करना</li> </ul>	<ul style="list-style-type: none"> <li>संधि (दीर्घ स्वर संधि)</li> <li>उपसर्ग (प्र, प्रति, बे, आ, खुश)</li> <li>प्रत्यय (इक, इत, आन, आव, कार)</li> <li>विलोम शब्द (तालिका iv)</li> <li>पर्यायावाची शब्द (अवस्था, भाव, स्थिति संबंधी)</li> <li>अनेक शब्दों के लिए एक शब्द (11 से 20 तक)</li> <li>वर्तनी शुद्ध करना</li> <li>वाक्य शुद्ध करना</li> </ul>
रचना कौशल:	<ul style="list-style-type: none"> <li>चित्र वर्णन</li> <li>संवाद वर्णन</li> </ul>	<ul style="list-style-type: none"> <li>अनौपचारिक पत्र</li> <li>अनुच्छेद लेखन</li> </ul>	<ul style="list-style-type: none"> <li>औपचारिक पत्र</li> <li>नारा लेखन</li> </ul>	<ul style="list-style-type: none"> <li>विज्ञापन लेखन, कहानी लेखन, प्रश्न निर्माण</li> </ul>
गतिविधि हेतु निर्धारित पाठ	पाठ 7 : पापा खो गए		पाठ 8 – शाम एक किसान	पाठ 19 – आश्रम का अनुमानित व्यय
		+ मिड टर्म I का सम्पूर्ण पाठ्यक्रम		+ मिड टर्म II का सम्पूर्ण पाठ्यक्रम

#### Books Prescribed:

- वसंत भाग – 2 (एन.सी.ई.आर.टी)
  - व्याकरण संबोध – 7 (प्रकाशक – मधुबन)
- नोट – गतिविधि हेतु निर्धारित पाठ परीक्षा के पाठ्यक्रम में शामिल नहीं होंगे ।

## CLASS VII

### Examination Syllabus Breakup

संस्कृत

	अर्धवार्षिक-परीक्षा	वार्षिक-परीक्षा
पाठ्य-पुस्तकम् रुचिरा द्वितीयो भागः	प्रथमः पाठः - सुभाषितानि द्वितीयः पाठः - दुर्बुद्धिः विनश्यति तृतीयः पाठः - स्वावलम्बनम् पञ्चमः पाठः - पण्डिता रमाबाई षष्ठः पाठः - सदाचारः सप्तमः पाठः - सङ्कल्पः सिद्धिदायकः	अष्टमः पाठः - त्रिवर्णः ध्वजः नवमः पाठः - अहमपि विद्यालयं गमिष्यामि दशमः पाठः - विश्वबन्धुत्वम् एकादशः पाठः - समवायो हि दुर्जयः द्वादशः पाठः - विद्याधनम् त्रयोदशः पाठः - अमृतं संस्कृतम्
व्याकरणभागः	<ul style="list-style-type: none"> <li>शब्दरूपाणि – तद्-एतद् , किम् , अस्मद्-युष्मद् , बालक, रमा, पुस्तक</li> <li>पञ्च-लकाराः</li> <li>स्वर-सन्धिः , व्यञ्जन सन्धिः</li> <li>शुद्ध-अशुद्ध वाक्यानि</li> <li>समय-ज्ञानम्</li> <li>अव्ययाधारित वाक्य-निर्माणम्</li> <li>कारक-परिचयः, उपपद-विभक्तिः</li> <li>प्रत्ययः - तुमुन्, क्त्वा, ल्यप् , क्तवतु, क्त</li> <li>संख्यावाचकाः शब्दाः - (01 तः 50 पर्यन्तम्)</li> </ul> सम्पूर्ण-पठित-व्याकरणः	<ul style="list-style-type: none"> <li>शब्दरूपाणि – कवि, साधु, नदी, मति पितृ, वारि, मधु, राजन् , भवान्</li> <li>पञ्च-लकाराः</li> <li>सन्धयः - स्वर, व्यञ्जन, विसर्गः</li> <li>समय-ज्ञानम्</li> <li>अव्ययाधारित वाक्य-निर्माणम्</li> <li>कारक-परिचयः, उपपद-विभक्तिः</li> <li>शुद्ध-अशुद्ध वाक्यानि</li> <li>प्रत्ययाः - मतुप्, ठक् (इक), टाप् , अनीयर्</li> <li>संख्यावाचकाः शब्दाः - (51 तः 100 पर्यन्तम्)</li> </ul> सम्पूर्ण-पठित-व्याकरणः
रचनात्मक-लेखनम्	<ul style="list-style-type: none"> <li>अपठित गद्यांशः / पद्यांशः</li> <li>चित्र-वर्णनम् (मञ्जूषायाः सहायतया )</li> <li>कथा-वर्णनम् / अनुच्छेद-लेखनम्</li> <li>पत्र-लेखनम् (मञ्जूषायाः सहायतया )</li> <li>हिन्दीभाषया संस्कृतभाषायां वाक्यनिर्माणम्</li> </ul>	<ul style="list-style-type: none"> <li>अपठित गद्यांशः / पद्यांशः</li> <li>चित्र-वर्णनम् (मञ्जूषायाः सहायतया )</li> <li>कथा-वर्णनम्/ अनुच्छेद-लेखनम्</li> <li>पत्र-लेखनम् (मञ्जूषायाः सहायतया )</li> <li>हिन्दीभाषया संस्कृतभाषायां वाक्यनिर्माणम्</li> </ul>
प्रस्तावित पुस्तकम् –	रुचिरा द्वितीयो भागः - NCERT नोट - चतुर्थः पाठः हास्यबालककवि सम्मेलनम्, चतुर्दशः पाठः अनारिकायाः जिज्ञासा , पञ्चदशः पाठः लालनगीतम् (केवलं पठनार्थं कृते)	

## CLASS VII

### Examination Syllabus Breakup

### FRENCH

Half Yearly Examination	Final Examination
Leçon-1 Comment ça va? Leçon-2 Je m'appelle.. Leçon-3 Dans la classe Leçon-4 Je suis.. Leçon-5 Festival international	Leçon-6 Les animaux de compagnie Leçon-7 J'adore le français! Leçon-8 Le frigo de Kevin Leçon-9 La famille Davier Leçon-10 Joyeux anniversaire! + <b>Complete syllabus of Half Yearly Examination</b>
<b>Books Prescribed : Idées-1(Méthode de français)</b> <b>Publisher : Langers</b>	

## MATHEMATICS

Mid Term I	Half Yearly Examination	Mid Term II	Final Examination
1. Integers 2. Fractions 3. Decimals 4. Rational Numbers 5. Powers and Exponents	6. Algebraic Expressions 7. Linear Equations 18. Probability	8. Ratio and Proportion 9. Percentage and its Applications 10. Lines and Angles 17. Data Handling	11. Properties of Triangles 14. Congruence of Triangles 16. Perimeter and Area 15. Constructions 12. Symmetry (Activity based. Not to be assessed) 13. Visualising Solid Shapes (Activity based. Not to be assessed) ..... 4. Rational Numbers 5. Powers and Exponents 6. Algebraic Expressions
	+ Complete Syllabus of Mid Term I		+ Complete Syllabus of Mid Term II
<b>Books Prescribed : Maths Xpress - 7</b> <b>Publisher : Macmillan Education</b>			

## CLASS VII

### Examination Syllabus Breakup

### SCIENCE

Mid Term I	Half Yearly Examination	Mid Term II	Final Examination
<b>Physics</b> Ch. 05: Heat and its Effects Ch. 06: Flow of Heat	Ch.16: Light	Ch. 14: Motion and Time Ch. 15: Winds, Storms and Cyclones (till Page no. 176 Thunderstorm before Cyclone)	Ch. 17: Electric Current and Its Effects Ch. 15: Winds, Storms and Cyclones ..... Ch. 16: Light
<b>Chemistry</b> Ch.03: Structure of Matter (till page 32- Writing the formula)	Ch.03: Structure of Matter Ch.08: Physical and Chemical Changes (Till Page No.86 Characteristics of Chemical Reactions) Ch.20: Waste water Management (Project-based. Will not be evaluated for the examination.)	Ch.08: Physical and Chemical Changes (excluding Oxidation Reduction Reaction)	Ch.07: Acids, Bases, and Salts Ch.04: Animal Fibres (Project-based. Will not be evaluated for the examination.) ..... Ch.03 Structure of Matter
<b>Biology</b> Ch. 1: Nutrition in plants Ch.2: Nutrition in Animals	Ch. 11: Respiration Ch. 9: Weather, Climate and Adaptation (only Adaptation as a part of course) Ch. 10: Soil	Ch. 12: Transportation of Materials in Plants and Animals.	Ch. 13: Reproduction in Plants Ch.19: Our Forest Ch. 18: Water - A Natural Resource ..... Ch. 11: Respiration
	<b>+ Complete Syllabus of Mid Term I</b>		<b>+ Complete Syllabus of Mid Term II</b>
<b>Books Prescribed:</b> Living Science <b>Publisher :</b> Ratna Sagar <b>Note:</b> Ch. 20: Wastewater Management (Project-based: will not be evaluated for the examination) Ch. 18: Water - A Natural Resource (project based not to be evaluated in examination) Ch. 04: Animal Fibres (Project-based: will not be evaluated for the examination)			

## CLASS VII

### Examination Syllabus Breakup

### SOCIAL SCIENCE

	Mid Term I	Half Yearly Examination	Mid Term II	Final Examination
<b>History</b>	Ch. 01: Tracing Changes Through A Thousand Years Ch. 02: New Kings and Kingdoms	Ch. 03: The Delhi Sultans Ch. 04: The Mughal Empire	Ch. 6: Towns, Traders and Crafts person Ch. 8: Devotional Paths to Divine	Ch. 10: Eighteenth-Century Political Formations
<b>Civics</b>	Ch. 01: On Equality Ch. 02: Role of the Government in Health	Ch. 03: How the State Government Works?	Ch.6 Understanding Media	Ch. 07: Markets Around Us Ch. 09: Struggles for Equality ..... Ch. 03: How the State Government Works?
<b>Geography</b>	Ch. 01: Environment	Ch. 02: Inside Our Earth Ch. 3: Our Changing Earth Ch. 04: Air	Ch. 05: Water Ch.07: Human Environment-Settlement, Transport and Communication	Ch. 8: Human Environment The Tropical and Sub-Tropical region Ch.10: Life in the Deserts ..... Ch. 04: Air
		+ Complete Syllabus of Mid Term I		+ Complete Syllabus of Mid Term II

#### NCERT-

1. History-Our Pasts-II
2. (Civics)- Social and Political Life-II
3. Geography-Our Environment

#### **Note: –Chapters not included in the syllabus**

**History** : Ch. 5: Rulers and Buildings, Ch. 7: Tribes, Nomads and Settled Communities

**Civics** : Ch.4: Growing Up as Boys & Girls, Ch. 5: Women Change the World &  
Ch. 8: A Shirt in the Market

**Geography** : Ch. 6: Natural Vegetation and Wild Life & Ch. 9: Life in the Deserts

## CLASS VII

### Examination Syllabus Breakup

### INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT)

Half Yearly Examination	Final Examination
<p><b><u>IT Bridge Syllabus</u></b></p> <p>Ch.02: Formulas and Functions in Calc Ch.03: Advanced features of Calc</p> <p><b><u>Artificial Intelligence &amp; Robotics Syllabus</u></b></p> <ol style="list-style-type: none"> <li>1. Introduction to Coding</li> <li>2. Variables in Real life</li> <li>3. Name Badge</li> <li>4. Math operations in Programming</li> <li>5. Loops</li> </ol>	<p><b><u>IT Bridge Syllabus</u></b></p> <p>Ch.01: Number System Ch.06: More on Python Ch.09: Introduction to Html</p> <p><b><u>Artificial Intelligence &amp; Robotics Syllabus</u></b></p> <ol style="list-style-type: none"> <li>1. Introduction to AI</li> <li>2. AI in 21st Century</li> <li>3. Face detection</li> <li>4. Basics of Robot</li> <li>5. Line Following Robot- Part I</li> </ol>
<p><b>Prescribed :</b> IT Bridge <b>Publisher:</b> Kips Learning Pvt. Ltd.</p>	