

Class VII

DA Syllabus Breakup

	English	Math	Science
DA 1	a. Transformation of Sentences <ul style="list-style-type: none"> Positive to negative, Negative to positive, Assertive to interrogative, Interrogative to assertive, Assertive to exclamatory, Exclamatory to assertive b. Question Tags c. Figures of speech <ul style="list-style-type: none"> Simile, Alliteration, Metaphor 	Ch. 1: Integers Ch. 2: Fractions	Phy: Ch.5: Heat and Its Effects (till Expansion around us) Bio: Ch.1: Nutrition in Plants Till essential requirements for photosynthesis (excluding activities)
DA 2	a. Verbs: <ul style="list-style-type: none"> Transitive and Intransitive Verbs Finite and Non-finite Verbs b. Idioms c. Prefixes d. Suffixes	Ch. 3: Decimals Ch. 4: Rational Numbers	Ch.4: Heat and its Effects Chapter 1: Nutrition in Plants
DA 3	a. Subject Verb Agreement b. Tenses <ul style="list-style-type: none"> Simple present, Simple Past, Simple Future, Present Continuous, Past Continuous, Future Continuous, Present Perfect, Past Perfect, Future Perfect, Present Perfect Continuous, Past Perfect Continuous, Future Perfect Continuous c. Commonly confused words	Ch. 5: Exponents and Powers (Law 7 of exponents is not included) Ch. 2: Fractions (Revision)	Ch. 5: Flow of Heat Ch. 2: Nutrition in Animals Ch.03: Structure of matter
DA 4	a. Direct and Indirect Speech- conversion (only from direct to indirect speech) b. Figures of speech <ul style="list-style-type: none"> Onomatopoeia, Oxymoron, Personification 	Ch. 6: Algebraic Expressions Ch. 9: Lines and Angles, (Let's Evaluate Q4, Q6 Q 7 are not included)	Ch-11.Motion and Time (till - Simple Pendulum)
DA 5	a. Pronouns	Ch. 7: Linear Equations in	Ch. 8: Respiration

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	<ul style="list-style-type: none"> personal, demonstrative, possessive, interrogative, reflexive, emphasising, relative, indefinite <p>b. Adjectives</p> <ul style="list-style-type: none"> quality, quantity, number, demonstrative, possessive, interrogative, distributive, Proper, Degrees of comparison of adjectives <p>c. Homophones d. Word association</p>	One Variable Ch.16: Data Handling	
DA 6	<p>a. Conjunctions</p> <ul style="list-style-type: none"> Coordinating, Subordinating, Correlative <p>b. Phrases and Clauses- only identification</p> <ul style="list-style-type: none"> Identify a phrase, Identify the dependent clause, Identify the independent clause <p>c. Antonyms with prefixes or suffixes</p>	Ch. 8: Percentage and Its Applications Ch. 1: Integers(Revision)	Ch-12.Light (till Uses of Spherical mirrors) Ch.07: Physical and Chemical Changes (except oxidation-reduction reactions)
DA 7	<p>a. Active and Passive voice - conversion of active voice to passive voice only</p> <p>b. Antonyms without prefixes or suffixes</p> <p>c. Multiple word meanings</p>	Ch.10: Properties of Triangles (Questions involving proofs like Solved Examples Q 12 to Q15 and Ex 10.2 Q3 and Q4 are not included) Ch. 6: Algebraic Expressions(Revision)	Ch. 9: Transportation in Plants and Animals Ch-12. Light (Lenses and Spectrum)
DA 8	<p>a. Adverbs</p> <ul style="list-style-type: none"> manner, time, place, frequency, degree, Interrogative, Degrees of adverbs <p>b. Prepositions c. Synonyms d. Word meanings in context</p>	Ch. 14: Perimeter and Area Ch. 4: Rational Numbers (Revision)	Ch.13: Electric Current and its Effects Ch. 10: Reproduction in Plants Ch.06: Acids and Bases (except Salts)

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ENGLISH

Topics	Half Yearly Examination	Final Examination
Literature (Text)	1. <u>Entertainment</u> A. Curious Beings B. Today's Entertainment (N.D.) C. A Melodious Companion 2. <u>Mother Earth</u> A. Nature's Queen B. Green Warriors (N.D.) C. Save Our Home 3. <u>Science and Technology</u> A. Cyberspace B. AI: Our Friend (N.D.) C. Beauty of the Universe	4. <u>Fashion</u> A. Trust Your eyes B. Fashion Recycled (N.D.) C. Style and Grace 5. <u>Travel</u> A. A Strange Adventure B. A Land of Wonders (N.D.) C. Exploring the Exotic 6. <u>The Elderly</u> A. A Tribute B. Age is Just a Number (N.D.) C. Caring for the Elderly
Grammar	a. Transformation of sentences b. Question Tags c. Verbs d. Subject-Verb Agreement e. Tenses f. Direct and Indirect Speech	a. Phrases and Clauses b. Adjectives c. Pronouns d. Active and Passive Voice e. Conjunctions f. Adverbs g. Prepositions
Writing Skills	a. Story Writing b. Advertisement c. Notice (Lost and Found) d. Formal Letter (to authority)	a. Character Sketch b. Data Interpretation c. Dialogue Writing d. Process Description
Novel	1- The Happy Prince 2- The Nightingale and the Rose 3- The Star-child	4- The Birthday of the Infanta 5- The Fisherman and his Soul 6- The Young King

Books Prescribed :

1. Level-Up - With Cambridge English
2. Essentials of English Grammar and Composition - 7, Sultan Chand and Sons, (P) Ltd.
3. Tales of Oscar Wilde- S. Chand Publications

NOTE:

1. Grammar and Writing Skills topics covered during the entire academic year will be tested in the Final Examination.
2. The Non -Detailed Chapters will be tested in the form of writing skills.

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हिंदी

	अर्ध वार्षिक परीक्षा	वार्षिक परीक्षा
पाठ्यपुस्तक (मल्हार भाग 2) NCERT	पाठ - फुटबॉल का मैच (संवाद)(ERP पर डलवाया गया) पाठ - कल (कविता)(ERP पर डलवाया गया) पाठ 2 - तीन बुद्धिमान (लोककथा) पाठ 3 - फूल और काँटा (कविता) पाठ 4 - पानी रे पानी (निबंध)	पाठ 5 - नहीं होना बीमार (कहानी) पाठ 7- वर्षा - बहार (कविता) पाठ 8 - बिरजू महाराज से साक्षात्कार पाठ 1 - माँ ,कह एक कहानी(कविता) पाठ 10 - मीरा के पद (काव्य-पद)
व्याकरण : (अमोली हिंदी व्याकरण)	<ul style="list-style-type: none"> वर्ण विचार (स्वर ,व्यंजन, मात्राएँ,अनुस्वार,अनुनासिक, नुक्ता ,वर्ण विच्छेद,वर्ण संयोजन , 'र' के रूप,पंचम वर्ण) उपसर्ग - उप, सु ,निर्,अन,बे ,ला प्रत्यय - आऊ , आव , आई , वान, ईय ,इक अनेक शब्दों के लिए एक शब्द (1 से 10) विशेषण क्रिया विशेषण विलोम शब्द (1 से 15) पर्यायवाची शब्द (1 से 10) तत्सम - तद्भव (1 से 10) वर्तनी शुद्धीकरण वाक्य शुद्धीकरण अनेकार्थी शब्द (1 से 5) मुहावरे (1 से 5) 	<ul style="list-style-type: none"> उपसर्ग- अप ,प्र ,स ,अध,खुश,बद प्रत्यय- आवट,ई ,ता ,तम ,ईन ,वान मुहावरे (6 से 10) विलोम शब्द (16 से 30) पर्यायवाची शब्द (11 से 20) विराम चिह्न अनेक शब्दों के लिए एक शब्द (11 से 20) कारक अनेकार्थी शब्द (6 से 10) वर्तनी शुद्धीकरण वाक्य शुद्धीकरण श्रुतिसम भिन्नार्थक शब्द (1 से 5) तत्सम - तद्भव (11 से 20) वाक्य एवं वाक्य के अंग
व्यावहारिक बोध	<ul style="list-style-type: none"> चार दिशाओं के नाम स्व परिचय - स्वयं का नाम , उपनाम , माता - पिता का नाम , विद्यालय का नाम एवं पता 1 से 25 तक गिनती राष्ट्रगान 	<ul style="list-style-type: none"> राष्ट्रीय चिह्नों के नाम राष्ट्रीय त्योहारों के नाम गिनती - 26 से 50 तक राष्ट्रगान
रचना कौशल:	<ul style="list-style-type: none"> चित्र वर्णन संवाद लेखन अनुच्छेद लेखन औपचारिक पत्र 	<ul style="list-style-type: none"> अनौपचारिक पत्र कहानी लेखन विज्ञापन निर्माण , प्रश्न निर्माण
गतिविधि	<ul style="list-style-type: none"> श्रवण कौशल 	<ul style="list-style-type: none"> श्रवण कौशल
	Books Prescribed : पाठ्य पुस्तक - N.C.E.R.T. मल्हार , व्याकरण -अमोली व्याकरण - कक्षा 7 , भाग -2 पाठ -6 गिरिधर कविराय की कुंडलिया (कविता) एवं पाठ -9 चिड़िया (कविता) को पाठ्यक्रम में शामिल नहीं किया गया है।	

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संस्कृतम्

अर्धवार्षिकपरीक्षा	वार्षिकपरीक्षा
पाठ्यपुस्तकम्	
प्रथमः पाठः - वन्दे भारतमातरम् द्वितीयः पाठः - नित्यं पिबामः सुभाषितरसम् पञ्चमः पाठः - सेवा हि परमो धर्मः	षष्ठः पाठः - क्रीडाम वयं श्लोकान्त्याक्षरीम् नवमः पाठः - अन्नाद् भवन्ति भूतानि दशमः पाठः - दशमः कः? द्वादशः पाठः - वीराङ्गना पन्नाधाया
व्याकरणम्	
<ul style="list-style-type: none"> केवलं वाचनाय : कालिदासो जने जने (गीतम्) 	<ul style="list-style-type: none"> केवलं वाचनाय : न लभ्यते चेत् आम्लं द्राक्षाफलम् (कविता)
<ul style="list-style-type: none"> संख्या (1- 50) पञ्चलकाराः - लट् , लृट् , लङ् , लोट्, विधिलिङ् धातवः - पठ् , गम् , दृश् , पा , नी शब्दरूपाणि - बालक , लता , फल, तत् (त्रिषु लिङ्गेषु) अव्यय-पदानि - अद्य, श्वः, परश्वः प्रपरश्वः, हयः, परहयः, प्रपरहयः , इदानीम्, अधुना, अत्र, तत्र, कुत्र?, अन्यत्र, सर्वत्र, एकत्र, पुरतः, पृष्ठतः , वामतः दक्षिणतः , उपरि , अधः , एव, च, अपि कारकाणि प्रत्ययाः - तुमुन् , क्तवतु नित्य-उपयोगिवस्तूनां नामानि विलोमपदानि 	<ul style="list-style-type: none"> संख्या 1-100 पञ्चलकाराः - लट् , लृट् , लङ् , लोट्, विधिलिङ् धातवः - लिख् , प्रच्छ् (पृच्छ), स्मृ (स्मर) भू (भव) कृ (कर) सन्धिः - स्वरसन्धिः (सवर्ण-दीर्घ , गुण ,) शब्दरूपाणि - किम् (त्रिषु लिङ्गेषु) , नदी, अस्मद् (सर्वनाम) मात्रा-परिचयः परिवारस्य सदस्यानामं नामानि <p>नोट - वार्षिक परीक्षा में कारक सम्बन्धी प्रश्न भी पूछे जाएँगे ।</p>
रचना-कौशलम् - चित्रवर्णनम् , शब्दान्वेषणम्	रचनात्मक कौशलम् - पत्रलेखनम् , चित्रवर्णनम्
Books Prescribed : - दीपकम् (द्वितीयो भागः) - NCERT नोट : पाठ - 3, 4, 7, 8, 11 पाठ्यक्रम में सम्मिलित नहीं किए गए हैं ।	

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FRENCH

Half Yearly Examination	Final Examination
Leçon-1: Connaissons la France Leçon-2: Louis a mal Leçon-3: C'est lundi Leçon-4: Les trois souhaits Leçon-5: Les saisons	Leçon-6: On fait des courses Leçon-7: Les repas français Leçon-8: Mon école Leçon-9: Les loisirs préférés des français Leçon-10: Pourquoi apprendre le français? Grammar topics of lessons 1 to 5.
Books Prescribed : Mon Passeport 2 Publisher : Unisec Publications	

MATHEMATICS

Half Yearly Examination	Final Examination
Ch. 1: Integers Ch. 2: Fractions Ch. 3: Decimals Ch. 4: Rational Numbers Ch. 5: Exponents and Powers (Law 7 of Exponents is not included) Ch. 6: Algebraic Expressions Ch. 9: Lines and Angles Ch. 13: Reflection and Rotational Symmetry	Ch. 7: Linear Equations in one Variable Ch. 16: Data Handling Ch. 8: Percentage and its Applications Ch. 10: Properties of Triangles Ch. 14: Perimeter and Area Ch. 1: Integers Ch. 4: Rational Numbers Ch. 6: Algebraic Expressions
Note: Ch.11: Congruence of Triangles, Ch 12: Constructions, Ch 15: Visualising Solid Shapes and Ch.17: probability are deleted. Books Prescribed: Start Up Mathematics Publisher: VIVA EDUCATION	

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SCIENCE

	Half Yearly Examination	Final Examination
Physics	Ch. 4: Heat and its Effects Ch. 5: Flow of heat Ch.11: Motion and Time (till Speed)	Ch.12: Light Ch.13: Electric current and its effects Ch.11: Motion and Time
Chemistry	Ch.3: Structure of matter Ch.7: Physical and Chemical Changes (Rusting of Iron till page 84))	Ch.7: Physical and Chemical Changes (except oxidation-reduction reactions) Ch.6: Acids, Bases and Salts Ch.3: Structure of matter
Biology	Ch.1: Nutrition in Plants Ch.2: Nutrition in Animals Ch.08: Respiration	Ch.09: Transportation in Plants and Animals Ch.10: Reproduction in Plants Ch.08: Respiration
Books Prescribed: Living Science Publisher : Ratna Sagar		

SOCIAL SCIENCE

	Half-Yearly Examination	Final Examination
History	Ch.4: New Beginnings: Cities and States Ch.5 : The Rise of Empires.	Ch. 6: The Age of Reorganisation. Ch. 7: The Gupta Era: An Age of Tireless Creativity.
Civics	On Equality (Summary Based) Ch.9: From the Rulers to the Ruled: Types of Governments	Ch. 10: The Constitution of India - An Introduction. Ch. 12: Understanding Markets.
Geography	Environment (Summary Based) Ch.1: Geographical Diversity of India	Ch. 2: Understanding the Weather. Ch. 3: Climates of India. Ch.1: Geographical Diversity of India
Art Integration Project	Ch.11: From Barter to Money	Ch.8: How the Land Becomes Sacred

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Books Prescribed	Exploring Society : India and Beyond Part I
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INFORMATION & COMMUNICATIONS TECHNOLOGY (ICT)

Half Yearly Examination	Final Examination
<p><u>Touchpad (Play ver 2.1) Syllabus</u></p> <p>Ch.01: Advanced Features of Windows 10 Ch.02: Charts in Excel Ch.07: More on HTML5</p> <p><u>Artificial Intelligence & Robotics Syllabus</u></p> <ol style="list-style-type: none"> 1. Revision of Variables and Arithmetic Operators 2. Arithmetic operations coding 3. Catch the Fruit 4. Face Detection 	<p><u>Touchpad (Play ver 2.1) Syllabus</u></p> <p>Ch.08 : Algorithmic Intelligence Ch.09 : Conditional Statements in Python Ch.05 : Safeguarding your Computer</p> <p><u>Artificial Intelligence & Robotics Syllabus</u></p> <ol style="list-style-type: none"> 1. Basics of Robot 2. Line Following Robot 3. Object Avoidance Robot 4. Edge Detection Robot
<p>Note:- Chapters excluded from book are :</p> <p>Ch. 03 : Using Tools in GIMP Ch. 04 : Advanced Features of GIMP Ch. 06 : Google Apps</p> <p>Chapter 10 is included in Robotics.</p>	
<p>Book Prescribed : Touchpad (Play Ver 2.1) Publisher: Orange</p>	