



RUBY PARK PUBLIC SCHOOL



Syllabus

Class VIII



**Syllabus
Class VIII**

Session: 2024 - 25



ENGLISH

MONTH	READING	WRITING	GRAMMAR	LITERATURE
APRIL	Boyhood Days	Paragraph Writing	Sentences - Kinds	The River Came Home
MAY	The Nightingale and the Glowworm	Paragraph Writing(contd.)	Conjunctions	Felling of the Banyan Tree (Poem)
JUNE	PRE MID TERM EXAMINATION			
JUNE	Father's Help	Magazine Article Diary Entry E-mail	Subject-Predicate Determiners Non-finites	The Monkey's Paw The Road Not Taken (Poem) Ozymandias (Poem)
JULY	Jamaican Fragment	Formal Letter Speech Writing	Phrases & Clauses Transformation of Sentences	The Monk Protectors of Arunachal's Wetlands The Rime of the Ancient Mariner (Poem) A Short Walk in the Hindukush



**Syllabus
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AUGUST	The Secret of the Machines	Notice	Transformation of Sentences (contd.) Prepositions	A Tale of Two Cities
AUGUST	REVISION FOR HALF YEARLY EXAMINATION			
AUGUST SEPTEMBER	HALF YEARLY EXAMINATION			
SEPTEMBER	The Stalled Ox	Precis Writing	Adverbs Transitive and Intransitive Verbs	The Elder Brother Commentator (Poem)
OCTOBER	Her First Party	Debate	Tenses Modals	The Six Napoleans
NOVEMBER	On a Night of Snow	Dialogue Writing	Active and Passive Voice	Where The Mind is Without Fear (Poem) The Gift of the Magi
NOVEMBER DECEMBER	POST MID TERM EXAMINATION			
DECEMBER	The Unexpected	Report Writing	Reported Speech	The Last Wolf My Financial Career
JANUARY	Springtime a la carte	Report Writing (contd.)	Subject Verb Agreement	Refugee Blues



	REVISION FOR ANNUAL EXAMINATION
FEBRUARY	ANNUAL EXAMINATION
Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam	
Language	Literature
Debate	Ozymandias
Phrases and Clauses	The Monkey's Paw
Integrated Grammar	



2ND LANGUAGE- HINDI

MONTH	LANGUAGE	LITERATURE
APRIL	अपठित गद्यांश, कारक, विलोम, शब्द (1-25) पर्यायवाची शब्द (1-25), अनुच्छेद लेखन	जीवन नहीं मरा करता है, दो कलाकार
MAY	समास	ठीक निशाने पर
JUNE	PRE MID TERM EXAMINATION	
JUNE	उपसर्ग-प्रत्यय, चित्र वर्णन	चीफ़ की दावत (कहानी संचय)
JULY	अनौपचारिक पत्र, संवाद लेखन	अंबर की बातें क्या जानूँ, भारत में सिनेमा के जनक
AUGUST	विज्ञापन लेखन	अनोखा सेनापति (कहानी संचय)
AUGUST- SEPTEMBER	REVISION FOR HALF YEARLY EXAMINATION	
	HALF YEARLY EXAMINATION	
SEPTEMBER	औपचारिक पत्र, लघु कथा लेखन	भारतगान
OCTOBER	रचना के आधार पर वाक्य के भेद और परिवर्तन	महायज्ञ का पुरस्कार, मन की कोमलता (कहानी संचय)
NOVEMBER	शब्द और पद, पदबंध, अनुस्वार-अनुनासिक	सारनाथ
NOVEMBER – DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	मुहावरे (61-83), सूचना लेखन	बीज पौध का जन्म



JANUARY	अनुच्छेद लेखन	कुंडलियाँ, गाँव के गुणी राम (कहानी संचय)
FEBRUARY	REVISION FOR ANNUAL EXAMINATION	
	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam

LANGUAGE	LITERATURE
अपठित गद्यांश	दो कलाकार
अनौपचारिक पत्र	-
विज्ञापन लेखन	-



2ND LANGUAGE-BENGALI

MONTH	LANGUAGE	LITERATURE
APRIL	নির্মিতি - বোধ পরীক্ষণ ব্যাকরণ - সাধু চলিত সমার্থক শব্দ	তোতাকাহিনী (গদ্য)
MAY	নির্মিতি -অনুচ্ছেদ লিখন	যোগেন পন্ডিত (সহায়ক পাঠ)
JUNE	PRE MID TERM EXAMINATION	
JUNE	নির্মিতি - পত্রলিখন (ব্যক্তিগত পত্র) ব্যাকরণ - বাক্য পরিবর্তন(অর্থগত)	ঈশ্বরচন্দ্রের নির্ভীকতা(সহায়ক পাঠ) আগামী(কবিতা)
JULY	ব্যাকরণ -সাধু চলিত কারক বিভক্তি(সম্পূর্ণ)	ভোরাই(কবিতা) যাত্রাপথে
AUGUST	ব্যাকরণ -কারক বিভক্তি (সম্পূর্ণ) নির্মিতি -বিজ্ঞাপন লিখন	অপুর কল্পনা(গদ্য)
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST- SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	ব্যাকরণ -ব্যঞ্জনসন্ধি বিসর্গসন্ধি	পদ্মানদীর মাঝি(গদ্য)
OCTOBER	নির্মিতি -সম্পাদকীয় পত্র	জীবন শিক্ষা(কবিতা)
NOVEMBER	ব্যাকরণ -অশুদ্ধি সংশোধন নির্মিতি - অনুচ্ছেদ	ছিনাথ বহুরূপী (সহায়ক পাঠ)
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	ব্যাকরণ -উপসর্গ নির্মিতি - অনুচ্ছেদ	বাংলার মুখ আমি দেখিয়াছি(কবিতা) অরবিন্দ প্রসঙ্গে(গদ্য)



JANUARY	নির্মিত - বোধ পরীক্ষণ সম্পাদকীয় পত্র	নির্ব্বরের স্বপ্নভঙ্গ(কবিতা)
	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 syllabus covered before HY Exam to be included in the Annual Exam

LANGUAGE	LITERATURE
বাক্য পরিবর্তন (অর্থগত) সাধু চলিত ভাষা	তোতাকাহিনি ঈশ্বরচন্দ্রের নির্ভীকতা আগামী



3RD LANGUAGE- HINDI

MONTH	LANGUAGE	LITERATURE
APRIL	अपठित गद्यांश, संज्ञा, अनुच्छेद लेखन, लिंग	भारत की संतान, सबसे अच्छा बस्ता
MAY	सर्वनाम	दीए का अहंकार
JUNE	PRE MID TERM EXAMINATION	
JUNE	चित्र वर्णन	बीरबल की होशियारी
JULY	अनौपचारिक पत्र, विशेषण	धूर्त बगुला
AUGUST	मुहावरे	ईदगाह
AUGUST - SEPTEMBER	REVISION FOR HALF YEARLY EXAMINATION	
	HALF YEARLY EXAMINATION	
SEPTEMBER	विलोम शब्द, विराम चिह्न	न्यायप्रिय राजा
OCTOBER	औपचारिक पत्र	उगता सूरज
NOVEMBER	वाक्यांशों के लिए एक शब्द, पर्यायवाची शब्द	सच्चा हीरा
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	विज्ञापन लेखन	हम सब सुमन एक उपवन के
JANUARY	अनुच्छेद लेखन	महाराजा रंजीत सिंह
FEBRUARY	REVISION FOR ANNUAL EXAMINATION	



ANNUAL EXAMINATION	
Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam	
LANGUAGE	अपठित गद्यांश, चित्र वर्णन, मुहावरे, लिंग
LITERATURE	बीरबल की होशियारी



3RD LANGUAGE- BENGALI

MONTH	LANGUAGE	LITERATURE
APRIL	স্বরবর্ণ	আমার ছেলেবেলা (গদ্য)
MAY	ব্যঞ্জনবর্ণ (পুনরালচনা)	লাডাকের বুনোহাঁস (গদ্য)
JUNE	PRE MID TERM EXAMINATION	
JUNE	ব্যাকরণ -পদ - বিশেষ্য , বিশেষণ , সর্বনাম , অব্যয় , ক্রিয়া, নির্মিতি - বোধ পরীক্ষণ	লড়বে নাকি (কবিতা) চালিয়াত (গদ্য) যখনকার যা তখনকার তা (কবিতা)
JULY	ব্যাকরণ - এক কথায় প্রকাশ নির্মিতি - পত্র লিখন (ব্যক্তিগত)	চালিয়াত (গদ্য) কালো কালো মেঘগুলি (কবিতা)
AUGUST	ব্যাকরণ -বচন নির্মিতি - অনুচ্ছেদ	কালো কালো মেঘগুলি (কবিতা)
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST -SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	ব্যাকরণ -বচন , লিঙ্গ	মহিষাসুর (গদ্য)



	নির্মিতি - বোধ পরীক্ষণ	
OCTOBER	ব্যাকরণ - ক্রিয়ার কাল (অতীত , বর্তমান , ভবিষ্যৎ) নির্মিতি - বোধ পরীক্ষণ	মহিষাসুর (গদ্য)
NOVEMBER	নির্মিতি -পত্র লিখন (ব্যক্তিগত) , অনুচ্ছেদ	অকর্মার বিভ্রাট (কবিতা)
NOVEMBER – DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	ব্যাকরণ - বিপরীতার্থক শব্দ , সমার্থক শব্দ	কবি ও নোবেল পুরস্কার (গদ্য)
JANUARY	পুনরালোচনা	পুনরালোচনা
	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 syllabus covered before HY Exam to be included in the Annual Exam

LANGUAGE	LITERATURE
বিশেষ্য , বিশেষণ , সর্বনাম , অব্যয় , ক্রিয়া	



3RD LANGUAGE- SANSKRIT

MONTH	LANGUAGE	LITERATURE
APRIL	अपठितगद्यांश;वर्णविन्यास; शब्दरूपाणि,धातुरूपाणि,समयलेखन म्	क्रिकेट-क्रीडा, बीरबलस्य चातुर्यम्
MAY	अपठितगद्यांशः	सुवचनानि
JUNE	PRE MID TERM EXAMINATION	
JUNE	वर्णसंयोजनम्	शृगालकथा
JULY	चित्रवर्णनम्	ईश्वरःयत्करोति शोभनं करोति, भारतस्य संविधानम्
AUGUST	शब्दरूपाणि,धातुरूपाणि	वरं बुद्धिर्न सा विद्या, साहित्य-सुधा
AUGUST - SEPTEMBER	REVISION FOR HALF YEARLY EXAMINATION	
	HALF YEARLY EXAMINATION	
SEPTEMBER	शब्दरूपाणि,धातुरूपाणि	अन्तर्जालम्
OCTOBER	अपठितगद्यांशः	गोवाप्रदेशः
NOVEMBER	चित्रवर्णनम्	दुर्बलानां बलं युक्तिः प्रकाशस्य परावर्तनम् अपवर्तनं च
NOVEMBER - DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	शब्दरूपाणि,धातुरूपाणि	संख्या-प्रयोगः
JANUARY	पुनरावृत्तिः	पुनरावृत्तिः



FEBRUARY	REVISION FOR ANNUAL EXAMINATION
	ANNUAL EXAMINATION

Topics from Term 1 syllabus covered before HY Exam to be included in the Annual Exam

LANGUAGE	LITERATURE
अपठितगद्यांशः चित्रवर्णनम्	सुवचनानि वरं बुद्धिर्न सा विद्या साहित्य-सुधा



3RD LANGUAGE-FRENCH

MONTH	CHAPTER	CHAPTER NAME	SUB-TOPIC
APRIL	Leçon-1	Les monuments et les musées parisiens	La culture française
	Leçon -11	Qu'est-ce que tu as fait le week-end ?	Passé composé avec << avoir>>
MAY - JUNE		PRE MID TERM EXAMINATION	
MAY	Leçon- 4	La journée d'Elena	Les verbes pronominaux Quelle heure est- il ? Décrivez votre journée au présent
JUNE	Leçon- 3	La vie au collège	L'interrogation Les adverbes de quantité
JULY	Leçon-5	C'est par où la gare ?	Les prépositions Pour s'orienter dans la Ville Décrivez un chemin
AUGUST	Leçon- 12	J'aime lire	Passé composé avec << être>> Qu'est-ce que vous avez fait hier? (au passé)
AUGUST		REVISION FOR HALF YEARLY EXAMINATION	
SEPTEMBER		HALF YEARLY EXAMINATION	
SEPTEMBER	Leçon 7	La fête de la francophonie	Les prépositions de lieux Décrivez un pays francophone
OCTOBER	Leçon-8	La nouvelle génération	L'impératif Ecrivez la recette
NOVEMBER	Leçon-6	Les fêtes françaises	Les fêtes françaises Ecrivez une lettre à votre ami en décrivant votre fête favorite



NOVEMBER	Leçon- 2	Les vrais amis	Les adjectifs Placement des adjectifs Décrivez votre meilleur ami
DECEMBER		POST MID TERM EXAMINATION	
DECEMBER	Leçon- 9	On prépare la fête	Les adverbes interrogatifs Les adjectifs interrogatifs
JANUARY	Leçon- 10	Journée de clôture	Savoir et connaitre verbe Décrivez vos loisirs / activités préférés.
FEBRUARY		REVISION FOR ANNUAL EXAMINATION	
		ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam

- Leçon-1 Les monuments et les musées parisiens**
- Leçon- 3 La vie au college**
- Leçon-5 C'est par où la gare ?**



**Syllabus
Class VIII**

Session: 2024 - 25



PHYSICS

MONTH	CHAPTER	SUB-TOPIC
APRIL	Force and Pressure	<ul style="list-style-type: none"> Force introduction Effects of Force Types of force-(Contact forces and Non-Contact) Pressure. Pressure exerted by liquids and gases.
MAY - JUNE	PRE MID TERM EXAMINATION	
MAY	Force and Pressure	<ul style="list-style-type: none"> Measuring liquid pressure- The manometer. Pressure exerted by air. Application of air pressure in daily life. Consequences of atmospheric pressure.
JUNE	Friction	<ul style="list-style-type: none"> Introduction of friction Causes of friction Properties of friction Types of friction Friction in liquids and gases Advantages of friction.
JUNE	Friction	<ul style="list-style-type: none"> Disadvantages of friction Friction is a necessary evil. Methods of reducing friction. Methods of increasing friction.
JULY	Sound	<ul style="list-style-type: none"> Sound introduction Production of sound Vibrations and their characteristics Audible and inaudible sound Characteristic of sound
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	



SEPTEMBER	Sound	<ul style="list-style-type: none">· Propagation of sound.· Speed of sound.· Reflection and absorption of sound.· How do we hear sound· Musical instruments and sounds Produced by them.· Noise and music.· Noise pollution.
OCTOBER	Some natural phenomena.	<ul style="list-style-type: none">· Introduction.· Electric charges.· Ways of charging a body.
NOVEMBER	Some natural phenomena	<ul style="list-style-type: none">· Detection and measuring charges.· Charge in atmosphere or atmospheric electricity.· Earthquake.
NOVEMBER		POST MID TERM EXAMINATION
DECEMBER	Light	<ul style="list-style-type: none">· Introduction.· Reflection of light.· Regular and diffused reflection· Laws of reflection· Image formation by a plain mirror.· Multiple images formed by two mirrors inclined at an angle.· Refraction of light.



Syllabus
Class VIII

Session: 2024 - 25



JANUARY	Light	<ul style="list-style-type: none">· Eye- The natural optical instrument· Defects of vision.· Role of nutrition in relation to blindness.· Visually challenged persons can read and write.
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam

Sound
Force and Pressure



**Syllabus
Class VIII**

Session: 2024 - 25

CHEMISTRY



MONTH	CHAPTER	SUB-TOPIC
APRIL	Coal and Petroleum	Types of natural resources. Fuels. Fossil fuels. Coal, destructive distillation of coal. Petroleum, refining of petroleum. Natural gas.
MAY	Coal and Petroleum	Energy crisis. Harmful effects of fossil fuels. Conservation of fossil fuels.
JUNE	PRE MID TERM EXAMINATION	
JUNE	Combustion and Flame	Combustion - conditions necessary, types of combustion.
JULY	Combustion and Flame	Extinguishing fire. Flame. Fuel - classification, calorific value, characteristics of a good fuel.
AUGUST	Combustion and Flame	Impact of burning fuels on environment.
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	Structure of atom	Idea about subatomic particles and their position in an atom. Concept of electronic configuration. Ions.
OCTOBER	Chemical Effects of Electric Current	Electric current. Sources of electricity. Conductors and insulators.



**Syllabus
Class VIII**

Session: 2024 - 25



NOVEMBER	Chemical Effects of Electric Current	Conduction of electricity through liquids.
NOVEMBER -DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	Chemical Effects of Electric Current	Chemical Effects of Electric Current. Applications of the chemical effect.
JANUARY	Chemical Effects of Electric Current	Applications of the chemical effect (continued).
	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	
Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam:		
Combustion and Flame		



Syllabus
Class VIII

Session: 2024 - 25

BIOLOGY



MONTH	UNIT	TOPIC	SUB-TOPIC
APRIL	1	Crop Production and Management	<ul style="list-style-type: none"> · Introduction · Agriculture and crop plants · Classification of crops · Agricultural practices
MAY	1	Crop Production and Management	<ul style="list-style-type: none"> · Agricultural practices (continued)
JUNE	PRE-MID TERM EXAMINATION		
JUNE	1	Crop Production and Management	<ul style="list-style-type: none"> · Improvement of crop production · Nitrogen cycle · Food from animals
JULY	2	Microorganisms – Friend and Foe	<ul style="list-style-type: none"> · Where are microorganisms found? · Types of microorganisms · Bacteria · Algae · Fungi · Protozoa
AUGUST	2	Microorganisms – Friend and Foe	<ul style="list-style-type: none"> · Viruses · Preservation of food



			<ul style="list-style-type: none"> Food poisoning
AUGUST	REVISION FOR HALF YEARLY EXAMINATION		
AUGUST - SEPTEMBER	HALF YEARLY EXAMINATION		
SEPTEMBER	3	Conservation of Plants and Animals	<ul style="list-style-type: none"> Aims of conservation Biodiversity
OCTOBER	3	Conservation of Plants and Animals	<ul style="list-style-type: none"> Threats to biodiversity Conservation of forests Conservation of wildlife
NOVEMBER	4	Reproduction in Animals	<ul style="list-style-type: none"> Asexual reproduction Sexual reproduction Life cycle Reproductive system in humans
NOVEMBER - DECEMBER	POST – MID TERM EXAMINATION		
DECEMBER	4	Reproduction in Animals	<ul style="list-style-type: none"> Reproductive system in humans (continued)
DECEMBER	5	Reaching the Age of Adolescence	<ul style="list-style-type: none"> Endocrine system Adolescence and Puberty Menstrual cycle



JANUARY	5	Reaching the Age of Adolescence	<ul style="list-style-type: none">· Determining sex of a baby· Reproductive health· Myths and taboos· Say no to drugs
JANUARY	REVISION FOR ANNUAL EXAMINATION		
FEBRUARY	ANNUAL EXAMINATION		
Topics from Term 1 Syllabus covered before Half Yearly Examination to be included in the Annual Examination			
Microorganisms: Friend and Foe			



MATHEMATICS

MONTH	CHAPTER	SUB TOPIC
APRIL	RATIONAL NUMBERS	1) Properties 2) Representation on a number line 3) Four operations 4) Applications
	LINEAR EQUATION IN ONE VARIABLE	1) Solving Equations which have Linear Expression on one sides and the numbers on the other side and its application. 2) Solving Equations which have Linear Expression on both sides and its application. 3) Reducing Equations to Simpler form. 4) Equation Reducible to Linear form.
MAY	Understanding Quadrilateral	1) Definition and classification of polygons 2) Angle sum property of Quadrilaterals 3) Sum of interior and exterior angles of a polygon. 4) Kinds of Quadrilaterals 5) Some specials parallelograms
JUNE	PRE MID TERM EXAMINATION	
JUNE	DATA HANDLING	1. Frequency distribution table 2. Histogram 3. Pie Chart 4. Probability



	<p>Square and Square Root</p>	<p>1) Perfect squares and its properties. 2) Pythagorean Triplet 3) Square roots by prime factorisation and long division method</p>
JULY	<p>Cubes and Cube roots</p>	<p>1. Finding out cube root of a number by prime factorisation method</p>
	<p>Comparing Quantities</p>	<p>1. Percentage 2. Profit and Loss 3. Discount 4. Sales Tax 5. To find Compound Interest when: (a) Compounded Annually (b) Compounded Half-Yearly (c) Rates are different for different years (d) Time is a fraction (e) Application on CI (Depreciation) (f) Interest compounded Quarterly</p>
AUGUST	<p>Algebraic Expressions and Identities</p>	<p>1. Fundamental Operations on algebraic expressions 2. Fundamental Identities</p>
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST- SEPTEMBER	HALF YEARLY EXAMINATION	



SEPTEMBER	Mensuration	<ol style="list-style-type: none"> 1) Area of Trapeziums and Polygons 2) Volume and Surface Area of <ol style="list-style-type: none"> a. Cube and Cuboid b. Right Circular Cylinder
OCTOBER	Exponents and powers	<ol style="list-style-type: none"> 1. Laws and its applications 2. Standard form
NOVEMBER	Direct and Inverse Proportions	<ol style="list-style-type: none"> 1) Direct Proportion 2) Inverse Proportion 3) Problems on Time and Work.
NOVEMBER-DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	Factorization	<ol style="list-style-type: none"> 1. Taking Common 2. Grouping and Taking Common 3. Using Identities 4. Middle Term Factorisation
JANUARY	Introduction to Graphs	<ol style="list-style-type: none"> 1. Difference between Line graph and Linear Graph. 2. Basic concept of coordinate axes and the Quadrants and the sign convention related to it. 3. Plotting of points. 4. Linear Graphs and line graphs.
JANUARY	REVISION FOR ANNUAL EXAMINATION	



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Syllabus
Class VIII

Session: 2024 - 25



FEBRUARY

ANNUAL EXAMINATION

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam:

- Algebraic Expressions and Identities**
- Linear Equation In One Variable**
- Square and Square Roots**
- Data Handling**



GEOGRAPHY

MONTH	CHAPTER	SUB-TOPIC
APRIL	Types of Resources	Concept of Resources Classification of Resources Conservation of Resources Sustainable Development
	Human Resources	Distribution of Population
MAY	Human Resources	Factors affecting Population Distribution
JUNE	PRE MID TERM EXAMINATION	
JUNE	Human Resources	Components of Population Change Population Composition
	Natural Resources: Land, Soil and Water Resources	Land - Its Importance Land Use Conservation of Land
JULY	Natural Resources: Land, Soil and Water Resources	Soil Profile Soil characteristics and formation Types of Soil in India Soil Erosion and Conservation Water Resources of India Water pollution and Conservation



AUGUST	Natural Resources: Natural Vegetation and Wildlife	Distribution of Natural Vegetation and Wildlife Importance of Forests Need for conservation of Wildlife
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
AUGUST- SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	Agricultural Practices	Factors influencing Agriculture Types of farming
OCTOBER	Major Crops: Case Studies	Major Crops: Food Crops, Cash Crops, Beverages, Fibre Crops Agricultural Development: Case Study: A farm in India
NOVEMBER	Manufacturing	Adding value to Resources Importance of Industries Classification: of Industries
NOVEMBER- DECEMBER	POST MID TERM EXAMINATION	
DECEMBER	Manufacturing	Factors influencing Location of Industries Distribution of Major industries
JANUARY	Industries: Comparative Case Studies	Case Study: Iron and Steel Industry in Jamshedpur and Detroit Case Study: IT Industry in Bangalore and Silicon Valley
JANUARY	REVISION FOR ANNUAL EXAMINATION	
FEBRUARY	ANNUAL EXAMINATION	



N.B.	Mineral and Power Resources Rationalised by NCERT and will not be assessed. However, it will be a part of activity based learning.
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Topics from Term I syllabus covered before HY Exam to be included in the Annual Exam

Resources
Human Resources



**Syllabus
Class VIII**

Session: 2024 - 25



HISTORY

MONTH	CHAPTER	SUBTOPIC
APRIL	The Indian Constitution and its Legal Framework	Significance of a Constitution
		The Constitution of India
		The Importance of Laws
		Laws and Dissent
APRIL	From Trade to Territory	Mercantilism and the expansion of European trade
		European Trading companies in India
		The struggle for power
MAY	From Trade to Territory	The British Conquest of Bengal
		Expansion Of the British Empire
		Administrative structure under the British
PRE MID TERM EXAMINATION		
JUNE	History-When, Where and How	British Periodisation of Indian History
		Colonisation of India
		India under Colonial rule: Major developments



		Sources of Modern Indian History
JUNE	Colonial Agrarian Policies	Changes in the rural set-up
		Ijaradari system
		Permanent settlement
		Ryotwari Settlement
		Mahalwari Settlement
JUNE	Tribal Societies and the Colonial State	Lifestyles in the 19 th century
JULY	The Revolt of 1857	When Does a Revolt Occur?
		Causes of the Revolt of 1857
		Outbreak of the Revolt
		The Spread of the Revolt
		Suppression of the Revolt
		Why did the Revolt Fail?
JULY	Secular Vision of The Indian Constitution	Secularism and The Indian Constitution
		Fundamental Rights
		Fundamental Duties
JULY	Role of Parliament and Law Making in India	Democracy in India
		Indian Parliament



		Composition of The Legislature
		Composition of The Executive
AUGUST	Role of Parliament and Law Making in India	Debate on the real powers of the President: A Case Study
		Accountability of the Government
		Law Making in India
		The Procedure of Law Making in India
		How New Laws are Formulated
AUGUST	REVISION FOR HALF YEARLY EXAMINATION	
SEPTEMBER	HALF YEARLY EXAMINATION	
OCTOBER	The Judiciary	Functions of Judiciary
		Need for an Independent and impartial Judiciary
		Structure of courts in India
OCTOBER	Women Caste and Reform	Women in the 18 th Century
		Changes in Position of Women
		Efforts to change Women's Lives
		Reforming the Caste system
		Major Reformers



		Mahatma Gandhi's Contribution to Social Reform
NOVEMBER	Marginalised groups and Social Justice	Defining Marginalisation
		Schedule castes and tribes
		Implementation of the Constitutional provisions
		Specific laws protecting the Rights of Schedule castes and Tribes
NOVEMBER	Government and Economic Development	Government's Efforts to Provide Public Facilities.
		NITI Aayog
NOVEMBER	POST MID TERM EXAMINATION	
DECEMBER	Colonial Education and its impact	Pre-colonial Education in India
		Institutionalisation of Education during the colonial rule
		The Originalist versus The Anglicist
		Wood's Despatch
		Impact of Colonial Education Policies
		Indian Reformers and Education
		Case Studies: Aligarh and Baroda
DECEMBER/ JANUARY	Indian National Movement and Independence	Precursors of The Indian National Congress
		The Congress in its Early Years: Moderates and Radicals



		Early Stage of the National Movement
		Mass Phase of the Indian National Movement
		Case Study of the Khilafat and The Non-Cooperation Movement
		Civil Disobedience Movement
		Approaching the end of the Raj
		Awakening to Freedom
FEBRUARY	REVISION FOR ANNUAL EXAMINATION	
	ANNUAL EXAMINATION	

Topics from Term I syllabus covered before HY Exam to be included in the Annual Exam.

History	Civics
The Revolt of 1857	The Indian Constitution and its Legal Framework



**Syllabus
Class VIII**

Session: 2024 - 25

COMPUTER



MONTH	UNIT	TOPIC	SUB- TOPIC
APRIL	1	Creating planes for 3d Models	Creating a plane
	2	Designing 3D objects	Drawing Walls.
MAY	2	Designing 3D objects	Drawing Stairs.
JUNE	PRE-MID-TERM EXAMINATION		
JUNE	3	Working with 3D models	Adding Text and Colour Downloading Models.
	4	Creating my first video	Getting started with video editing, Developing movie projects, Exporting a movie into .wmv format.
	5	Creating a Documentary	Modifying a Video, Making the Video Presentable.
JULY	6	Applying special effects.	Visual and audio effects, Adding text to video
	7	New trends on the internet	Interacting on the Internet, Taking the Internet with You.



	8.	Programming with C++	Recap of C++ Level 1
AUGUST	8	Programming with C++	Accepting user inputs Choosing operations Using user – defined functions, Creating arrays
	9	Beginning with OOPS	Creating Class
AUGUST	REVISION FOR HALF YEARLY EXAMINATION		
AUGUST – SEPTEMBER	HALF YEARLY EXAMINATION		
SEPTEMBER	10	Inheritance and Function Overloading	Implementing inheritance Implementing function overloading.
OCTOBER	11	Using the C++ library	Using library functions.
NOVEMBER	---	Java – a cup of coffee (basic Java awareness)	Introduction to oops Concepts Program Creation and Execution.
NOVEMBER-DECEMBER	POST-MID-TERM EXAMINATION		
DECEMBER	---	Storing and operating on data (basic java awareness)	Variables and Data Types Types of Operators
	1	Artificial intelligence	Introduction to AI



JANUARY		– Excite	Human and machine interactions: AI based games (based on different AI domains) Three domains of AI.
	2	Artificial intelligence – Relate	Applications of AI in daily lives Smart Homes and Human – Machine Interactions.
JANUARY	REVISION FOR ANNUAL EXAMINATION		
FEBRUARY	ANNUAL EXAMINATION		

Topics from Term 1 Syllabus covered before HY Exam to be included in the Annual Exam:

- I. New Trends on the Internet**
- II. Programming with C++**



GENERAL KNOWLEDGE AND VALUE EDUCATION

MONTH	GENERAL KNOWLEDGE	VALUE EDUCATION
APRIL	Nature	A Gift from God The Real King
MAY	India	Charity of a Tree Kindness Repaid
JUNE	Around the World	Jenny The Gold Necklace
JULY	Language	Tit for Tat Bhishma's Vow
AUGUST	Science Current Affairs	
AUGUST	HALF YEARLY EXAMINATION	
SEPTEMBER	HALF YEARLY EXAMINATION	
SEPTEMBER	Sports	Laughter is the Best Medicine Socrates
OCTOBER	Entertainment	Patience Sadhu's Anger
NOVEMBER	Life Skills	Pride Humility
DECEMBER	Open the Bag of Fun	Junn One Lesson
JANUARY	Current Affairs	
FEBRUARY	ANNUAL EXAMINATION	