

ENGLISH SYLLABUS

CLASS X
2020-2021

TERM I
LITERATURE

FIRST FLIGHT

1. A Letter to God
2. Dust of Snow
3. Fire and Ice
4. Nelson Mandela: Long Walk to Freedom
5. A Tiger in the Zoo
6. Two Stories about Flying: His First Flight
7. Black Aeroplane
8. How to tell Wild Animals
9. The Ball Poem
10. From The Diary of Anne Frank
11. Amanda
12. The Hundred Dresses I
13. The Hundred Dresses II
14. Animals
15. Glimpses of India- A Baker from Goa
16. Coorg
17. Tea from Assam
18. The Trees
19. Mijbil, The Other
20. Fog

FOOTPRINTS

1. A Triumph of Surgery
2. The Thief's Story
3. The Midnight Visitor
4. A Question of Trust
5. Footprints without Feet
6. The Making of a Scientist
7. The Necklace
8. The Hack Driver

LANGUAGE

1. Comprehension
2. Letter Writing- Formal and Informal
3. Paragraph Writing
4. Diary Writing
5. Article Writing
6. Speech and Debate Writing
7. Story writing
8. Report Writing
9. Sentence Re-ordering
10. Editing
11. Omission

TERM II
LITERATURE

FIRST FLIGHT

1. Madam Rides the Bus
2. The Tale of Custard, the Dragon
3. The Sermon at Benares
4. For Anne Gregory
5. The Proposal

FOOT PRINTS

1. Bholi
2. The Book that Saved The Earth

LANGUAGE

1. Gap Filling
2. Direct and Indirect Speech
3. Tenses and Transformation
4. Poster Designing

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हिंदी पाठ्यक्रम -अ (कोड सं. 002)
कक्षा 10वीं हिंदी - अ परीक्षा हेतु पाठ्यक्रम विनिर्देशन 2020-21

परीक्षा भार विभाजन			
	विषयवस्तु	उप भार	कुलभार
1	अपठित गद्यांश (चिंतन क्षमता एवं अभिव्यक्ति कौशल पर) अति लघूत्तरात्मक एवं लघूत्तरात्मक प्रश्न।		10
	एक अपठित गद्यांश (100 से 150 शब्दों के) (1x2=2) (2x4=8)	10	
2	व्याकरण के लिए निर्धारित विषयों पर विषय-वस्तु का बोध, भाषिक बिंदु/संरचना आदि पर प्रश्न (1x16)		16
	व्याकरण		
	1 रचना के आधार पर वाक्य भेद (4 अंक)	4	
	2 वाच्य (4 अंक)	4	
	3 पद परिचय (4 अंक)	4	
4 रस (4 अंक)	4		
3	पाठ्यपुस्तक क्षितिज भाग - 2 व पूरक पाठ्य पुस्तक कृतिका भाग - 2		34
	अ गद्य खंड	14	
	1 क्षितिज से निर्धारित पाठों में से गद्यांश के आधार पर विषय-वस्तु का ज्ञान बोध, अभिव्यक्ति आदि पर तीन प्रश्न पूछे जाएंगे। (2x3)	6	
	2 क्षितिज से निर्धारित गद्य पाठों के आधार पर विद्यार्थियों की उच्च चिंतन क्षमताओं एवं अभिव्यक्ति का आकलन करने हेतु चार प्रश्न पूछे जाएंगे। (2x4) (विकल्प सहित)	8	
	ब काव्य खंड	14	
	1 क्षितिज से निर्धारित कविताओं में से काव्यांश के आधार पर तीन प्रश्न पूछे जाएंगे(2x3) (विकल्प सहित)	6	
	2 क्षितिज से निर्धारित कविताओं के आधार पर विद्यार्थियों का काव्य बोध परखने हेतु चार प्रश्न पूछे जाएंगे। (2x4)(विकल्प सहित)	8	
स पूरक पाठ्यपुस्तक कृतिका भाग - 2			
कृतिका के निर्धारित पाठों पर आधारित दो प्रश्न पूछे जाएंगे (विकल्प सहित)। (2x3)	6		
4	लेखन		
	अ विभिन्न विषयों और संदर्भों पर विद्यार्थियों के तर्कसंगत विचार प्रकट करने की क्षमता को परखने के लिए संकेत बिंदुओं पर आधारित समसामयिक एवं व्यावहारिक जीवन से जुड़े हुए तीन विषयों पर 80 से 100 शब्दों में से किसी एक विषय पर अनुच्छेद। (5x1)	5	20

ब	अभिव्यक्ति की क्षमता पर केन्द्रित औपचारिक अथवा अनौपचारिक विषयों में से किसी एक विषय पर पत्र। (5x1)	5	
स	विषय से संबंधित 25-50 शब्दों के अंतर्गत विज्ञापन लेखन। (5x1)(विकल्प सहित)	5	
द	संदेश लेखन (शुभकामना, पर्व-त्योहारों एवं विशेष अवसरों पर दिए जाने वाले संदेश) (30-40 शब्दों में) (5x1)(विकल्प सहित)	5	
		कुल	80

निर्धारित पुस्तकें :

1. **क्षितिज, भाग-2**, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण
2. **कृतिका, भाग-2**, एन.सी.ई.आर.टी., नई दिल्ली द्वारा प्रकाशित नवीनतम संस्करण

नोट : पाठ्यक्रम के निम्नलिखित पाठ केवल पढ़ने के लिए होंगे।

क्षितिज (भाग - 2)	<ul style="list-style-type: none"> • देव • जयशंकर प्रसाद - आत्मकथ्य • स्त्री शिक्षा के विरोधी कुतर्कों का खंडन • संस्कृति
कृतिका (भाग - 2)	<ul style="list-style-type: none"> • एही ठैयाँ झुलनी हेरानी हो राम! • मैं क्यों लिखता हूँ?

Class –X Syllabus(2020-21)

Science (086)

Physics

First Term:

- April-May:- 1) Current Electricity
- June-September:-2) Magnetic Effect of Current
3) Attractive Sources of Energy

Second Term:-

- October- November:- 4) Light
- December :- 5) Human Eyes and Colourful World

Chemistry

First Term:

- April:- Chemical Reactions and Equations.
- May-June:-Acids,Bases and Salts
- July-August:- Metals and Non Metals.

Second Term:-

- September- October:- Carbon and its compound
- November-December:- Periodic Classification of Elements.

Biology

First Term:

- April-June:-(A) Life Processes
 1. Nutrition
 2. Respiration
- July-August:- Life Processes (contd)
 3. Transportation
 4. Excretion

(B) Control and Coordination

Second Term:-

- September-October:- (C) How do Organisms Reproduce
- November:- (D) Heredity and Evolution

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- December:- (E) Our Environment
(F) Management of Natural Resources

NOTE: SELECTION TEST IN JANUARY INCLUDES FULL SYLLABUS OF FIRST TERM AND SECOND TERM IN SCIENCE

PROPOSED SYLLABUS BREAK UP FOR CLASS X

BOOKS: # NCERT

#SECONDARY SCHOOL MATHEMATICS CLASS X- R.S.AGARWAL

TERM	MONTH	CHAPTER	SUBTOPICS
PREMID TERM	APRIL	1. POLYNOMIALS 2. REAL NUMBERS	<ul style="list-style-type: none"> • <i>Geometrical meaning of zeroes of polynomials</i> • <i>Relationship between zeroes and coefficients of polynomials</i> • <i>Division algorithm for polynomials</i> • <i>Euclid's Division Lemma</i> • <i>Fundamental theorem of Arithmetic</i> • <i>Rational numbers and their decimal expansion</i>
	MAY -JUNE	3. TRIANGLES 4. PAIR OF LINEAR EQUATIONS IN TWO VARIABLES	<ul style="list-style-type: none"> • <i>Criteria of similarity of triangles</i> • <i>Areas of similar triangles</i> • <i>Pythagoras theorem</i> • <i>Graphical method</i> • <i>Algebraic method (substitution method, elimination method, cross multiplication method)</i> • <i>Equations reducible to a pair of linear equations</i>
	JULY	5. TRIGONOMETRY	<ul style="list-style-type: none"> • <i>Trigonometric ratios</i> • <i>Trigonometric ratios of specific angles</i> • <i>Trigonometric ratios of complementary angles</i> • <i>Trigonometric identities</i>

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		6. QUADRATIC EQUATIONS 7. COORDINATE GEOMETRY	<ul style="list-style-type: none"> • <i>Solutions by Factorization</i> • <i>Solution by completing the squares</i> • <i>Solutions by using Quadratic formula</i> • <i>Nature of roots</i> • <i>Distance formula</i> • <i>Section formula</i> • <i>Area of a Triangle</i>
	AUGUST	8. APPLICATIONS OF TRIGONOMETRY 9. ARITHMETIC PROGRESSION 10. PROBABILITY	<ul style="list-style-type: none"> • <i>Heights and Distances</i> • <i>n^{th} term of an AP</i> • <i>Sum of first n terms of an AP</i> • <i>A Theoretical Approach</i>
SEPTEMBER POST MIDTERM		REVISION AND EXAM	
	NOVEMBER	11. CIRCLES 12. CONSTRUCTION 13. AREAS RELATED TO CIRCLES 14. STATISTICS	<ul style="list-style-type: none"> • <i>Tangent to a circle</i> • <i>Construction of similar triangles</i> • <i>Constructions of tangents to a circle</i> • <i>Areas of sectors and segments</i> • <i>Areas of combined planes</i> • <i>Mean of grouped data</i> • <i>Median of grouped data</i> • <i>Mode of grouped data</i> • <i>Graphical representation of cumulative frequency distribution</i>
	DECEMBER	15. SURFACE AREAS AND VOLUMES	<ul style="list-style-type: none"> • <i>Surface area of combination of solids</i> • <i>Volume of a combination of solids</i> • <i>Conversion of solid from one shape to another</i>

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			• <i>Frustum of a cone</i>
	JANUARY	REVISION AND EXAM	

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ECONOMICS

CLASS – X

TERM	MONTH	UNIT	SUB-UNIT
Pre mid term	April	<u>Chapter-1</u> Development	<ul style="list-style-type: none"> • What is development? • National development • Public facilities • Human development index • Sustainability of development
	May	<u>Chapter-2</u> Sectors	<ul style="list-style-type: none"> • Concept of sectors • Comparing the sector
	June		<ul style="list-style-type: none"> • GDP calculation – A concept • Rising importance of tertiary sector
	July		<ul style="list-style-type: none"> • How to create employment • Organized VS Unorganized sectors • Private and public sector • Question and answer
	August	<u>Chapter-2</u> Money and Credit	<ul style="list-style-type: none"> • Barton system • Modern form of money and functions of money • Loan activities of Bank • Banking activities • Formal and informal and cooperatives • Self help groups
Post mid term	November	<u>Chapter-3</u> Globalization	<ul style="list-style-type: none"> • Meaning • Interlinking production across Countries • Foreign trade and integration markets • Role of technology • Liberalization and WTO • Importance of globalization in India • The struggle for fear of globalization
		<u>Chapter-4</u> Consumers rights	<ul style="list-style-type: none"> • Requirement of consumer movement • Concept of market palce and exploitation of consumers • Consumer rights • Consumer duties and standardization of products • Consumer courts and its structure • Some case studies

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GEOGRAPHY

CLASS – X

TERM	MONTH	UNIT	SUB-UNIT
Pre mid term	April – May – June	1. Resources	<ul style="list-style-type: none">• Classification of Resources• Concept of sustainable development• Classification of soil• Conservation of soil
	July - August	2. Water resources	<ul style="list-style-type: none">• Traditional method of water conservation• Rain water Harvesting – Its importance• Multipurpose river valley projects
		3. Agriculture	<ul style="list-style-type: none">• Factor affecting agriculture• Types of agriculture• Different types of crops• Green revolution
September – Mid Term October – Puja Vacation			
Post mid term	November – December –	4. Mineral resources	<ul style="list-style-type: none">• Types of minerals• Energy resources• Conservation of minerals and power resources
		5. Manufacturing Industries	<ul style="list-style-type: none">• Classification of Industries• Factor affecting location of industries• Case studies of few industries
		6. Lifelines of national economy	<ul style="list-style-type: none">• Different modes of transports• Communication – Its importance
January – Selection Exam			

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HISTORY

CLASS – X

TERM	MONTH	UNIT	SUB-UNIT
Pre mid term	April – May – June	1. Nationalism in Europe	<ul style="list-style-type: none">• France revolution• Italian unification• Revolution in Europe• Rise of Democracy
	July - August	2.Nationalism in India	<ul style="list-style-type: none">• Rise of Gandhi• Indian nationalism
September – Mid Term October – Puja Vacation			
Post mid term	November – December –	3. Industrialization	<ul style="list-style-type: none">• Industrialization and its impact on the world
		4. Printing Technology	<ul style="list-style-type: none">• How Printing developed education
January – Selection Exam			

POLITICAL SCIENCE

CLASS – X

TERM	MONTH	UNIT	SUB-UNIT
Pre mid term	April – May – June	<ul style="list-style-type: none">• Power sharing• Federalism• Democracy• Diversity	<ul style="list-style-type: none">• Majoritarianism• Forms of power sharing• Federalism and its practice• Centre-state
	July - August	<ul style="list-style-type: none">• Gender, Religion and caste• project	<ul style="list-style-type: none">• Decentralization• Politics and social divisions• Popular struggles
September – Mid Term October – Puja Vacation			
Post mid term	November – December –	<ul style="list-style-type: none">• Political parties• Outcomes of Democracy• Challenges to Democracy	<ul style="list-style-type: none">• Political parties and its functions• National political parties• State of parties• Assessment of democracy—Its outcomes• Foundational Expansion deepening
January – Selection Exam			

