



MAHAVIR SENIOR MODEL SCHOOL
SANGAM PARK EXT. G.T. KARNAL ROAD, DELHI-110033
SYLLABUS FOR WHOLE YEAR 2019-2020
CLASS: XI C

ENGLISH :
SYLLABUS & EXAM SPECIFICATIONS

1. Section A (Reading)

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SYLLABUS & EXAM SPECIFICATIONS

1. Section A (Reading)

Reading Comprehension (500-600 words)	<u>10 Marks</u>
Note - making (400-500 words)	5 marks
Vocabulary (from both of the passages)	5 marks

2. Section B Writing

20 Marks

- Short composition - Notices, invitations & responses, Process writing (80 to 100 words), classified Advertisement	5 Marks
- Long Composition-Article, Speech, Debate, Report	8 marks
- Letter - writing - (a) enquiry, placing order, complaint (b) Letters to editor, job applications	7 marks

Grammar

10 marks

Cloze passage / completion	3 marks
Editing	3 marks
Re-ordering of sentences	4 marks

Literature

30 marks

Hornbill & Snapshots

1. Poetry - Comprehension & Appreciation Qs. based on extract.	3 marks
2. Two short questions (30 words) on poetry - local & global questions.	4 marks
3. Prose- 4 Short questions (30 - 40) words) from Hornbill and Snapshots.	8 marks
4. One long question from Hornbill (125 words) extrapolation.	5 marks
5. One long questions from snapshots. (100-125 words) -	5 marks

Listening & Speaking (ASL)

10+10

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Term I : April to 1st week of September

Month wise Syllabus

Month	Literature		Writing	Grammar
	<u>HORNBILL</u>	<u>SNAPSHOTS</u>		
April-May	L 1 - The Portrait of a Lady. P 1. A photograph	S - 1 The summer of the Beautiful white horse	1. Notices relevant for school community 2. Speech	Integrated Grammar Exercises.
June July	L-2 We are not afraid to Die. P-3 The voice of the Rain	P-5 The Mother's Day	1. Writing Processes 2. Letter of enquiry 3. Article 4. Job application	-do-
Aug.	P-5 Father to Son	S-2 The Address S-4 Albert Einstein of School	Practice in all areas	-do-

II TERM

Oct.	Play - The Browning Version	S -5 The Silk Road	1. Notices- all kinds 2. Letter to placing order 3 Invitations and Responses	Integrated Grammar Exercises.
Nov.	L-3 Discovering Tut P-3 The Laburnum Top	S 3 - Ranga's Marriage	1. Complaint Letter (official & business) 2. Speech 3. Advertisements (Classified)	-do-
Dec.	L-5 The Ailing Planet L-8 Silk Road	S-8 The Tale of Melon City	1. Letter to editor 2. Reports-School Events	-do-
Jan.	P-4 Childhood	S-7 Birth	1. Articles	-do.
Feb.			Revision	Revision

- NOTE:
1. Reading Passage & Note making to be done throughout the year.
 2. Syllabus covered in I term will also be included in Final Exam.
 3. As per CBSE guidelines, Speaking and Listening will be done throughout the year.

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MATHEMATICS (April to September)**I TERM**

S.NO.	NAME OF THE CHAPTER
1.	Sets
2.	Relations and Functions
3.	Trigonometric Functions
4.	Principle of Mathematical Induction
5.	Complex Numbers and quadratic equations
6.	Linear Inequalities
7.	Permutations and combinations
8.	Binomial theorem

II TERM: (October-March)

S.NO.	NAME OF THE CHAPTER
9	Sequences and Series
10	Straight Lines
11	Conic Sections
12	Introduction to three dimensional Geometry
13	Limits and Derivatives
14	Statistics
15	Probability

Note: Annual Examination will include complete syllabus.

CHEMISTRY

I Term (April to September)		II Term (October to December)	
Unit	Chapter		
1	Some basic concepts of chemistry	7	Equilibrium
2	Structure of Atom	9.	Hydrogen
3.	Classification of elements and Periodicity in properties.	10.	S Block Elements
4.	Chemical Bonding and Molecular Structure.	11	P Block Elements
5.	States of Matter	12	Organic Chemistry - Some basic principles & Techniques.
6.	Thermodynamics	13	Hydrocarbons
8.	Redox Reactions.	14	Environmental Chemistry

PHYSICS

I TERM (April to August)	II TERM (October to February)
1. Physical world & Measurement.	6. Gravitation
2. Kinematics	7. Properties of Bulk Matter
3. Laws of Motion	8. Thermodynamics
4. Work Energy & Power	9. Behaviour of Perfect gas & Kinetic theory of gases
5. Motion of system of Particles & rigid body.	10 Oscillations & Waves

BIOLOGY

<u>I Term</u>	<u>II Term</u>
CH - 1 The living world. CH - 5 Morphology of flowering plants. CH - 6 Antomy of flowering plants. CH - 7 Structural Organisation in animals CH - 16 Digestion & Absorption. CH - 17 Breathing & Exchange of gases. CH - 18 Body fluids and circulation. CH - 19 Excretory products & their eliminations. CH - 20 Locomotion & Movement. CH - 21 Neural control & co-ordination. CH - 22 Chemical co-ordination and integration.	CH - 2 Biological classification. CH - 3 Plant kingdom. CH - 4 Animal kingdom. CH - 8 Cell : The unit of life. CH - 9 Bio molecules. CH - 10 Cell cycle & cell division. CH - 11 Transport in plants. CH - 12 Mineral Nutriton. CH - 13 photosynthesis in higher plants. CH - 14 Respiration in plants. CH - 15 Plant growth & development.

PSYCHOLOGY

<u>Ist Term:</u>	<u>II Term:</u>
Theory: <ol style="list-style-type: none"> 1. What is psychology. 2. Methods of enquiry in psychology. 3. Bases of human behaviour. 4. Human Development. <p>PRACTICALS:-</p> <ol style="list-style-type: none"> 1. Project on Research Methods 2. Experiment 	Theory: <ol style="list-style-type: none"> 5. Sensory, Attentional, Perceptual Process. 6. Learning 7. Human memory 8. Thinking & language. 9. Motivation & Emotions <p>PRACTICALS: -</p> <p>Two Experiments.</p>

COMPUTER SCIENCE

BOOK: COMPUTER SCIENCE (SultanChand& Sons.)

<u>Term I</u>	<u>Term II</u>
Chapter 8: Computer System Organisation Chapter 9: Data Representation and Boolean Logic Chapter 10: Database Concepts Chapter 11: Structured Query Language Chapter 12: Cyber Safety	Chapter 1: Getting Started With Python Chapter 2: Python Programming Fundamentals Chapter 3: Conditional and Looping Constructs Chapter 4: Strings in Python Chapter 5: Lists in Python Chapter 6: Tuples and Dictionary Chapter 8: Error and Exception handling in Python

