



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

ENGLISH (Core)

Section A: Reading

1. Comprehension & Vocabulary (1 passages) - 12 marks
2. Note-making and summarizing (one Passage) - 08 marks

Section B : Writing

1. Short composition - 4 marks
2. Formal Letter - 6 marks
3. Article / Speech / Debate/Report = 10x2 =20 marks

Marks
(20)

(30)

Section C : Literature Textbooks and Long Reading Texts

Prescribed Books

Flamingo and Vistas (Word limit 40-50 words each)

1. Extracts one based on poetry and second based on prose to test comprehension & appreciation. (4 +4 =8 marks)
2. Five out of seven short questions based on the lessons and poetry from Flamingo and Vistas. (Word Limit: 40-50 words each) (5x2 = 10 marks)
4. One out of two Long Question based on the text to test global comprehension and extrapolation. (Word Limit 125-150 words) - 6 marks - Flamingo
5. One out of two Long Question based on the text to test global comprehension and extrapolation. (Word Limit 125-150 words) - 6 marks - Vistas

(30)

(28)

MONTHLY SYLLABUS

TERM I - April - September

MONTH	LITERATURE		WRITING
	Flamingo	Vistas	
March April	Lesson -1 Poem - 3 Lesson- 4		1) Posters 2) Description of objects & places 3) Display and classified advertisement. 4) Notice Writing
May	Poem 6	Lesson 4	1) Job Application 2) Enquiry Letters 3) Speech counting 4) Article
July	Lessons 2,3,7 Poem 2	Lesson 6 Lesson 1	1) Debate 2) Letter to Editor 3) Report

MONTH	LITERATURE		WRITING
August	Lesson- 5 Poem - 4,5	Lesson 2,&5	1.Speech/Article 2. Complaint Letters
Sept.	Revision	Revision	Revision

TERM - II October to December

MONTH	LITERATURE		WRITING
	Flamingo	Vistas	
October	Lesson 8	Lesson 7 Lesson 3	1) Letters placing order 2) Invitations & Responses 3) Letter of enquiry
November	Poem 1 Lesson 6	Lesson -8	1. Practice in all writing skills 2. Miscellaneous letters
December	Revision		Revision

Reading : Reading comprehension, note-making & summarizing are to be done throughout the year

MATHEMATICS

<u>I Term</u> (April to September) Chapter 2. Inverse Trigonometric Functions 3. Matrices 4. Determinants 5. Continuity and Differentiability 6. Application of Derivatives 7. Integrals 9. Differential Equations 12. Linear Programming	<u>II Term</u> (Pre-Board) (Oct. to Dec.) Chapter 10. Vectors 11. Three dimensional Geometry 13. Probability 1. Relations and Functions 8. Application of Integrals Syllabus of Half Yearly Exam. Will also be included in Pre Board Exam.
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PHYSICS

<u>April to September</u> <ul style="list-style-type: none"> ▪ Electrostatics ▪ Optics ▪ Current electricity ▪ Magnetic effects of current ▪ EMI 	<u>October To November</u> <ul style="list-style-type: none"> - Altttenating Current ~ EM Waves ~ Dual Nature Of matter & Radiation ~ Atoms & Nuclei ~ Electronic Devices ~ Communication Systems
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CHEMISTRY

<u>1st Term (APRIL TO SEPT.)</u>	<u>2nd Term (October to November)</u>
<u>Unit Nos.</u> 4. Surface Chemistry 9. Haloalkanes and Haloarenes 10. Alcohols, Phenols and Ethers 11. Aldehydes, ketones and carboxylic Acids. 12. Amines. 1. Solutions 2. Electrochemistry 3. Chemical Kinetics 8. Coordination Compounds	<u>Unit No.</u> 5. General Principles and Process of Isolation of Elements 7. d and f Block Elements. 6. P Block Elements 13. Biomolecules 14. Polymers 16. Chemistry in Everyday life

BIOLOGY: I TERM (April to September)

Term - I	
Unit -VI	Reproduction
Unit -VII	Genetics & Evolution
Unit -VIII	Biology in Human Welfare
Unit - X	Ecology
Chapter 13	Organisms & Populations
Chapter 14	Ecosystem

II Term

Unit IX	Biotechnology
Unit X	Ecology

Chapter 15: Biodiversity & Conservation
Chapter 16: Environmental Issues

PSYCHOLOGY

<u>Ist Term</u>	<u>II Term</u>
<u>Theory:</u> 1. Variations in psychological attributes. 2. Self personality. 3. Meeting life challenges. 4. Psychological disorders. 5. Therapeutic Approaches. 6. Attitude & social cognition.	<u>Theory</u> 7. Social influence & group process 8. Psychology & life. 9. Developing psychological skills. <u>PRACTICAL</u> a) Case profile
<u>PRACTICALS</u> 1. Measurement of :- a) Intelligence b) Aptitude c) Adjustment d) Personality e) Anxiety	

BOOK: COMPUTER SCIENCE C++VOL 12(DHANPAT RAI & CO.)

Term I

- Chapter 1: C++ Revision Tour
- Chapter 2: Object Oriented Programming
- Chapter 3: Function Overloading
- Chapter 4: Classes and Objects
- Chapter 5: Constructors and Destructors
- Chapter 6: Inheritance: Extending Classes
- Chapter 7: Data File Handling
- Chapter 8: Pointers
- Chapter 9: Arrays
- Chapter 10: Linked lists, Stacks and Queues

Term II

- Chapter 11: Database Concepts
- Chapter 12: Structured Query Language
- Chapter 13: Boolean Algebra
- Chapter 14: Communication and Networking Concepts