

SYLLABUS FOR TERM- I
CLASS-XII
(2017-18)

SUBJECT- MATHEMATICS

Book	Unit No.	Chapter No.	Chapter Name
Text Book for Mathematics (NCERT)	I	1	Relations and functions Determination
	I	2	Inverse Trigonometry
	II	3	Matrices
	II	4	Determination

SUBJECT- PHYSICS

Theory:-

Book	Unit No.	Chapter No.	Chapter Name
NCERT	I	1	Electrostatics- Electric charges and Field
		2	Electric Potential & Capacitance
	II	3	Current Electricity- Current Electricity
	III	4	Moving Charges & Magnetism

Practical:-

1. Verification of ohm's law by plotting a graph of V & I.
2. To determine the value of unknown resistance by using meter bridge
3. To verify the law of combination (series & Parallel) of resistance using a meter bridge.

SUBJECT- CHEMISTRY

Theory:-

Book	Unit No.	Chapter Name
Text Book of Chemistry (NCERT)	10	Haloalkane and haloarens
	3	Electrochemistry
	7	P-Block Elements
	4	Chemical kinetics

Practical-

1. Titration
2. Record
3. Viva

SUBJECT- BIOLOGY

Theory:-

Book	Unit No.	Chapter No.	Chapter Name
Text Book for Biology (NCERT)	VI	1	Reproduction in organism
		2	Sexual Reproduction in flowering Plants
		6	Molecular basis of inheritance
	VII	5	Principles of inheritance and variations
		7	Evolution

Practical:-

Section – A

1. Study Pollen germination on slide
2. Collect and study soil from at least two different sites and study them for texture, moisture content, PH and water holding capacity.
3. Collect water from two different water bodies around you and study them for PH, clarity & presence of living organism

Section – B

1. Pollen Germination on stigma through a permanent slide
2. Flower adapted for pollination by different agencies (wind, insect , birds)
3. Identification of stages of gamete development(T.S. of testes and T.S of ovary)

SUBJECT- COMPUTER SCIENCE

Theory:-

Book	Unit No.	Chapter No.	Chapter Name
Computer Science with C++ by Sumita Arora (Volume –I)	I	1	C++ Revision Tour
		2	Object Oriented Programming
		3	Function Overloading
		4	Classes and Objects
		5	Constructor and Destructor

Practical –

STRING AS AN ARRAY

1. To check if a string is a palindrome or not
2. To count number of words, characters, vowels in a given string

STRUCTURES

3. Write a program to make a structure of student with the following details. (Name, Age, Class, Marks, Average, Result)& Get Input from the user for the data Name, Age, Class Marks and Find the average & result of the student
if average ≥ 40 result 'P' if not result 'F'
4. Practical file + Viva

SUBJECT- PHYSICAL EDUCATION

Book	Unit No.	Chapter Name
Candid	1	Planning in sports
	2	Sports and nutrition
	5	Postures, Children & sports

Practical:-

1. Physical Fitness
2. Athletics
3. Viva & Skills of the game, chosen by you.
4. Practical file record

SUBJECT- HINDI

Theory:-

Book	Chapter No.	Chapter Name
आरोह (काव्यखंड)	1	आत्म परिचय
	2	पतंग
	3	कविता के बहाने
	4	बात सीधी थी पर
आरोह (गद्य खण्ड)	1	भक्तिन
	2	बाज़ारदर्शन
	3	काले मेघा पानी दे
वितान	1	सिल्वर वैडिंग

1. संक्षिप्त प्रश्न
2. पत्रकारिता से संबंधित प्रश्न
3. पत्र (औपचारिक), (अनौपचारिक)

4. निबंध
5. फीचर, रिपोर्ट, लेख

SUBJECT- ECONOMICS

Theory:-

Book	Unit No.	Chapter Name
Micro Economics	I	Introduction
	II	Consumer Equilibrium
	III	Demand
	IV	Elasticity of Demand
Macro Economics	I	Circular flow of Income
	II	Basic concepts of macro Economics

SUBJECT- BUSINESS STUDIES

Theory:-

Book	Unit No.	Chapter Name
Business Studies by Sandeep Garg	1	Nature and significance of management
	2	Principle of management
	3	Business Environment
	4	Planning

Practical –

Visit to an organization for principles of management. and File on Principles.

SUBJECT- ACCOUNTS

Theory:-

Book	Unit No.	Chapter No.	Chapter Name
Double Entry Book Keeping by T. S. Grewal	I	1	Accounting for partnership firms
		2	Goodwill – Nature and valuation
		3	Change in Profit sharing ratio
		4	Admission of partner

Practical-Practical Paper of 12 marks and viva of 8 marks on the same topics.

SUBJECT – ENGLISH

Book	Details
Flamingo	Chapter:- 3,4,(Prose) 1, 2, 3 (Poetry)
Vistas	Chapter:- 2, 4, 5
Reading & Writing Skills	Reading Comprehension, Recapitulation of Notice Writing, Note Making , Summarizing, Advertisement, Article Writing,
Novel :	The Invisible Man