CLASS XII ENGLISH (301) SYLLABUS FOR
PRE BOARD EXAMINATIONS 2020-'21

LITERATURE(TEXTBOOKS)

FLAMINGO PROSE	VISTAS
• THE LAST LESSON • LOST SPRING • DEEP WATER • THE RATTRAP • INDIGO	• THE THIRD LEVEL • THE ENEMY • SHOULD WIZARD HIT MOMMY? • ON THE FACE OF IT • EVANS TRIES AN O-LEVEL
POETRY	
• MY MOTHER AT SIXTY-SIX • AN ELEMENTARY SCHOOL CLASSROOM IN A SLUM • KEEPING QUIET • A THING OF BEAUTY • AUNT JENNIFER'S TIGER	

WRITING SKILLS

1. Short writing task

- Notice
- Advertisement
- Formal/Informal Invitation and Reply

2. Letter types

- Application for a job
- Letter to the editor (giving suggestions and opinion on issues of public interest)

3. Article/Report Writing.

पूर्व बोर्ड परीक्षा हेतु पाठ्यक्रम
कक्षा12वीं
विषय:-हिन्दी

अपठित गद्यांश, अपठित काव्यांश

दिये गए नये और अप्रत्याशित विषयों पर रचनात्मक लेखन

औपचारिक पत्र

कविता/कहानी/नाटक की रचना प्रक्रिया पर आधारित प्रश्न

समाचार लेखन(उल्टा पिरामिड शैली)/फीचर लेखन/आलेख लेखन पर आधारित प्रश्न

विभिन्न माध्यमों के लिये पत्रकारीय लेखन और उसके विविध आयामों पर प्रश्न

पाठ्यपुस्तक - आरोह भाग-२,

पाठ 1 ख -एक गीत,

पाठ2 कविता के बहाने

पाठ 3 कैमरे मे बन्द अपाहिज़

पाठ4 सहर्ष स्वीकारा है

पाठ5 उषा

पाठ6 कवितावली,लक्ष्मण -मूर्च्छा और राम का विलाप

पाठ7रुबाइयाँ, ग़ज़ल

गद्य खण्ड

पाठ8 भक्तिन

पाठ9 बाजार दर्शन

पाठ10 काले मेघा पानी दे

पाठ11 पहलवान की ढोलक

पाठ12 नमक

पाठ13 श्रम -विभाजन और जाति-प्रथा, मेरी कल्पना का आदर्श समाज

पूरक पाठ्यपुस्तक-वितान भाग-2

पाठ1 सिल्वर वेडिंग

पाठ 2 जूझ

पाठ 3 अतीत में दबे पाँव

पाठ4 डायरी के पन्ने

Pre board syllabus for mathematics-class XII

1. Relations and Functions
2. Inverse Trigonometric Function
3. Matrices and Determinant
4. Differentiation and it's Applications
5. Indefinite Integrals
6. Definite Integrals
7. Applications of definite integrals to find the area of region enclosed by the curve with line or axies not curve to curve.
8. Differential Equations with their application
9. Vectors
10. Three dimensional Geometry (straight lines and plane)
11. Linear Programming Problem(L.P.P
12. Probability

Physics

Time: 3 hrs.

Unit–I	**Electrostatics**
	Chapter–1: Electric Charges and Fields
	Chapter–2: Electrostatic Potential and Capacitance
Unit–II	**Current Electricity**
	Chapter–3: Current Electricity
Unit–III	**Magnetic Effects of Current and Magnetism**
	Chapter–4: Moving Charges and Magnetism
	Chapter–5: Magnetism and Matter
Unit–IV	**Electromagnetic Induction and Alternating Currents**
	Chapter–6: Electromagnetic Induction
	Chapter–7: Alternating Current
Unit–V	**Electromagnetic Waves**
	Chapter–8: Electromagnetic Waves
Unit–VI	**Optics**
	Chapter–9: Ray Optics and Optical Instruments
	Chapter–10: Wave Optics
Unit–VII	**Dual Nature of Radiation and Matter**
	Chapter–11: Dual Nature of Radiation and Matter
Unit–VIII	**Atoms and Nuclei**
	Chapter–12: Atoms
	Chapter–13: Nuclei
Unit–IX	**Electronic Devices**
	Chapter–14: Semiconductor Electronics: Materials, Devices and Simple Circuits

Chemistry Syllabus
Class 12th A1, A2 and B

Unit No.	Title
Unit I	Solid State
Unit II	Solutions
Unit III	Electrochemistry
Unit IV	Chemical Kinetics
Unit V	Surface Chemistry
Unit VII	p -Block Elements
Unit VIII	d -and f -Block Elements
Unit IX	Coordination Compounds
Unit X	Haloalkanes and Haloarenes
Unit XI	Alcohols, Phenols and Ethers
Unit XII	Aldehydes, Ketones and Carboxylic Acids
Unit XIII	Amines
Unit XIV	Biomolecules

Biology Syllabus for Class 12-B
2020-2021

Unit -VI Reproduction
Chapter 2: Sexual Reproduction in Flowering Plants
Chapter 3: Human Reproduction
Chapter 4: Reproductive Health

Unit -VII Genetics and Evolution
Chapter 5: Principles of Inheritance and Variation
Chapter 6: Molecular Basis of Inheritance

Unit -VIII Biology in Human Welfare
Chapter 8: Human Health and Disease
Chapter 10: Microbes in Human Welfare

Unit -IX Biotechnology
Chapter 11: Biotechnology :
Principles and Processes
Chapter 12: Biotechnology and its
Applications

Unit- X Ecology and Environment
Chapter 13: Organisms and
Populations
Chapter 15: Biodiversity and
Conservation

Accountancy (Code No. 055)

Class-XII (2020-21)

Theory: 80 Marks

Project: 20 Marks

Units	
Part A	**Accounting for Not-for-Profit Organizations, Partnership Firms and Companies**
	Unit 1. Financial Statements of Not-for-Profit Organizations
	Unit 2. Accounting for Partnership Firms
	Unit 3. Accounting for Companies
Part B	**Financial Statement Analysis**
	Unit 4. Analysis of Financial Statements
	Unit 5. Cash Flow Statement

SYLLABUS FOR PRE- BOARD EXAMINATION

YEAR -2020-2021

CLASS- XII – C1 & C2

SUBJECT – BUSINESS STUDIES

LESSON NO.	(PART : A) CHAPTER NAME
1.	Nature & Significance of Management
2.	Principles of Management
3.	Business Environment
4.	Planning
5.	Organising
6.	Staffing
7.	Directing
8.	Controlling
	(PART : B)
9.	Financial Management
10.	Financial Markets
11.	Marketing Management
12.	Consumer Protection

Pre Board Syllabus Subject-
Economics
Class- 12 C1 , C2
Part -A
1. National Income and related aggregates
2. Money and Banking.
3. Determination of Income and Employment.
4. Government budget and the Economy.
5. Balance of Payments.
Part -B
6. Development Experience (1947 - 1990)and Economic Reforms since 1991.
7. Current challenges facing Indian Economy.
8. Development experience of India - A comparison with neighbours.

1

Unit I: Computational Thinking and Programming – 2

- Revision of the basics of Python covered in Class XI.
- Functions: scope, parameter passing, mutable/immutable properties of data objects, passing strings, lists, tuples, dictionaries to functions, default parameters, positional parameters, return values, functions using libraries: mathematical and string functions.
- File handling: Need for a data file, Types of file: Text files, Binary files and CSV (Comma separated values) files.
- Text File: Basic operations on a text file: Open (filename – absolute or relative path, mode), Close a text file, Reading and Manipulation of data from a text file, Appending data into a text file, standard input / output and error streams, relative and absolute paths.
- Binary File: Basic operations on a binary file: Open (filename – absolute or relative path, mode), Close a binary file, Pickle Module – methods load and dump; Read, Write/Create, Search, Append and Update operations in a binary file.
- CSV File: Import csv module, functions – Open, Close a csv file, Read from a csv file and Write into a csv file using csv.reader ( ) and csv.writerow( ).
- Using Python libraries: Import Python libraries.
- Data-structures: Lists as covered in Class XI, Stacks – Push, Pop using a list.

Unit II: Computer Networks

- Evolution of Networking: ARPANET, Internet, Interspace Different ways of sending data across the network with reference to switching techniques (Circuit and Packet switching).
- Data Communication terminologies: Concept of Channel, Bandwidth (Hz, KHz, MHz) and Data transfer rate (bps, Kbps, Mbps, Gbps, Tbps).
- Transmission media: Twisted pair cable, coaxial cable, optical fiber, infrared, radio link, microwave link and satellite link.
- Network devices: Modem, RJ45 connector, Ethernet Card, Router, Switch, Gateway, WiFi card.
- Network Topologies and types: Bus, Star, Tree, PAN, LAN, WAN, MAN.
- Network Protocol: TCP/IP, File Transfer Protocol (FTP), PPP, HTTP, SMTP, POP3, Remote Login (Telnet) and Internet, Wireless / Mobile Communication protocol such as GSM, GPRS and WLL.
- Mobile Telecommunication Technologies: 1G, 2G, 3G, 4G and 5G; Mobile processors; Electronic mail protocols such as SMTP, POP3, Protocols for Chat and Video Conferencing: VoIP, Wireless technologies such as Wi-Fi and WiMax
- Network Security Concepts:
  Threats and prevention from Viruses, Worms, Trojan horse, Spams Use of Cookies, Protection using Firewall, https; India IT Act, Cyber Law, Cyber Crimes, IPR issues, hacking.
- Introduction To Web services: WWW, Hyper Text Markup Language (HTML), Extensible Markup Language (XML); Hyper Text Transfer Protocol (HTTP); Domain Names; URL; Website, Web browser, Web 8 Servers; Web Hosting.

Unit III: Database Management

Database Concepts: Introduction to database concepts and its need. Relational data model: Concept of domain, relation, tuple, attribute, degree, cardinality, key, primary key, candidate key, alternate key and foreign key; Structured Query Language: General Concepts: Advantages of using SQL, Data Definition Language and Data Manipulation Language; Data Types: number / decimal, character / varchar / varchar2, date; SQL commands covered in class XI (2019-20) SELECT, DISTINCT, FROM, WHERE, IN, BETWEEN, LIKE, NULL / IS NULL, ORDER BY,GROUP BY, HAVING; SQL functions: SUM ( ), AVG ( ), COUNT ( ), MAX ( ) and MIN ( ); Joins: equi-join and natural join Interface of Python with an SQL database - Connecting SQL with Python – Creating Database connectivity Applications - Performing Insert, Update, Delete queries – Display data by using fetchone() ,fetchmany(),fetchall(), rowcount

FINAL YOGA EXAM SYLLABUS - 2020-21.
CLASS - XII

1. Unit-2. Food Habits and Vitamins.

2. Unit-4. Kriyas.

3. Unit-5, Hazard.

4. Unit-6. Personal Health & Hygiene.

5. Benefits and Precaution With figure.

6. Virkshasana, Mandukasan, Shankasana, Kapalbhati