

SECOND TERM SYLLABUS OF ACCOUNTANCY FOR CLASS 12-C (2024-25)

<p>1st October-28th October2024</p>	<p>Ratio analysis (Profitability ratio contd)</p> <p>Cash Flow Statement with emphasis on adjustments of tax ,depreciation and dividend</p> <p>Issue of Shares</p> <p>share capital issue of shares for public</p> <p>oversubscription under subscription issue at power and premium</p> <p>Project work</p>
<p>8th November-26th November2024</p>	<p>Calls in arrears and calls in advance and issue of shares for other consideration other than cash for feature of shares and reissue of forfeited shares</p> <p>Disclosure of share capital in the balance sheet and concept of private placement and employee stock option plan</p> <p>Debentures, issue of debentures at for premium and a discount issue of shares to public with terms of issue</p>
<p>27th November-30th November.2024</p> <p>First Week of December</p>	<p>Issue of debentures as collateral security, interest on debentures, writing of discount on issue of debentures, issue of debentures for consideration other than cash.</p> <p>Revision</p>

SYLLABUS BREAK-UP
BUSINESS STUDIES
CLASS XII

DATES	TOPICS
1st October-28th October2024	CH- 6 Staffing
8th November-26th November2024	CH- 7 Directing
27th November-23rd December2024	CH-8 Controlling

**SYLLABUS BREAK-UP
ECONOMICS
CLASS 12**

DATES	TOPICS
1st October-28th October2024	<p><u>Part A: Introductory Macroeconomics</u></p> <p>Unit 3 Determination Of Incomeand Employment</p> <p>Ch-7 Aggregate demand & related concepts Ch-8 Income determination & multiplier Ch-9 Excess demand & Deficient demand</p> <p>Unit 4 Foreign exchange and balance ofpayment Ch-11 Foreign exchange rates Ch- 12 Balance of payments</p>
8th November-26th November2024	<p><u>Part B:- Indian Economic Development</u></p> <p>Ch- 8 Development Experience of India- Acomparison with neighbours Ch-6 Employment Ch-7 Sustainable Economic Development</p>
27th November-23rd December2024	<p>Ch- Sustainable Economic Development(cont.) Revision</p>

Syllabus BIOLOGY**Class 12****2024-25**

S. No	Dates		Class XII
1st Sem Cycles			
1	1 st Apr – 24 th Apr	Ch:1-Sexual Reproduction in Flowering Plants	
2	23 rd Apr – 10 th May	Ch:4 Principles of Inheritance and Variation Ch:5-Molecular basis of inheritance Project work during extra classes	
3	11 th May – 17 th June	Ch:2 Human reproduction	
4	1 st Jul – 19 th July	Ch 3: Reproductive health Ch:6-Evolution	
5	20 th July – 7 th August	Ch 7: Human health and diseases	
6	8th August - 29th August	Project work	
7	30th August - 10 September	Revision	
2nd Sem Cycles			
1	Oct 1st- - oct 28 th	Ecology	
2	Nov 8th- Nov 26th	Biotechnology and applications	
3	Nov 27th onwards	Revision	

CHEMISTRY SYLLABUS 2024- 25

Class XII, Semester II

	UNIT and TOPIC
1 st Oct - 28 th Oct	Unit-3 Chemical Kinetics <ul style="list-style-type: none">• Rate of a reaction (Average and instantaneous) Factors affecting rate of reaction• Order and molecularity of a reaction• Rate law and specific rate constant• integrated rate equations and half-life (only for zero and first order reactions)• Concept of collision theory (elementary idea)• Activation energy• Arrhenius equation Unit- 4 d and f Block Elements <ul style="list-style-type: none">• electronic configuration• general trends in properties of the first row transition metals – metallic character, ionization enthalpy, oxidation states, ionic radii, colour, catalytic property
8 th Nov – 26 th Nov	Unit- 4 d and f Block Elements <ul style="list-style-type: none">• interstitial compounds, alloy formation• preparation and properties of $K_2Cr_2O_7$ and $KMnO_4$.• Lanthanoids - Electronic configuration, oxidation states, chemical reactivity and lanthanoid contraction and its consequences.• Actinoids - Electronic configuration, oxidation states and comparison with lanthanoids. Unit-5 Coordination Compounds <ul style="list-style-type: none">• ligands, coordination number, colour, magnetic properties and shapes• IUPAC nomenclature of mononuclear coordination compounds• Bonding, Werner's theory, VBT, and CFT
27 th Nov onwards	Unit-5 Coordination Compounds <ul style="list-style-type: none">• structure and stereoisomerism, importance of coordination compounds (in qualitative analysis, extraction of metals and biological system) Revision

CLASS XII PHYSICS

<p>Wave Optics 3rd Oct – 26th Oct</p>	<p>Wave optics: Wave front and Huygen’s principle, reflection and refraction of plane wave at a plane surface using wave fronts. Proof of laws of reflection and refraction using Huygen’s principle. Interference, Young’s double slit experiment and expression for fringe width (No derivation final expression only), coherent sources and sustained interference of light, diffraction due to a single slit, width of central maxima (qualitative treatment only).</p>
<p>Dual Nature of Radiation and Matter 28th Oct - 11th Nov</p>	<p>Dual nature of radiation, Photoelectric effect, Hertz and Lenard’s observations; Einstein’s photoelectric equation-particle nature of light. Experimental study of photoelectric effect Matter waves-wave nature of particles, de-Broglie relation.</p>
<p>Atoms 12th Nov – 30 Nov</p>	<p>Alpha-particle scattering experiment; Rutherford’s model of atom; Bohr model of hydrogen atom, Expression for radius of nth possible orbit, velocity and energy of electron in nth orbit, hydrogen line spectra (qualitative treatment only).</p>
<p>Nuclei 12th Nov – 30 Nov</p>	<p>Composition and size of nucleus, nuclear force Mass-energy relation, mass defect; binding energy per nucleon and its variation with mass number; nuclear fission, nuclear fusion.</p>
<p>Semiconductor Electronics: Materials, Devices and Simple Circuits 12th Nov – 30 Nov</p>	<p>Energy bands in conductors, semiconductors and insulators (qualitative ideas only) Intrinsic and extrinsic semiconductors- p and n type, p-n junction</p>

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Syllabus Bifurcation
Computer Science
2024-25

S. No	FROM	TO	DAYS	Class XII
1	1/10/24	28/10/24	14	Unit 1: Computational Thinking and Programming – 2 <ul style="list-style-type: none"> • Data Structures Unit 2: Computer Networks <ul style="list-style-type: none"> • Evolution of networking • Data communication terminologies • Transmission Media • Network Devices • Network topologies and Network types Final Project Review– 14/10/24
2	8/11/24	26/11/24	14	Unit 2: Computer Networks <ul style="list-style-type: none"> • Network Protocol • Introduction to Web Services Final submission of practical and project file– 8/11/24
3	27/11/24	23/12/24	14	Mock tests
4	24/12/24	23/01/25	14	Mock tests
5	24/01/25	10/02/25	14	Mock tests
6	11/02/25	28/02/25	13	Mock tests

ENGLISH SYLLABUS for Class-XII 2024-2025

1st - 28th October

- The Rattrap
- A Roadside Stand
- Indigo
- Memories of Childhood
- Article
- Report Writing
- Job application

8th November - 26th November

- The Last Lesson
- Aunt Jennifer's Tigers
- Writing skills practice
- Literature Question Bank

27th November- 23rd December

- Practice papers
- Question Bank
- Individual assignments

SYLLABUS/ HISTORY/ 12 A/ 2024-25

TERM 2:

1st OCT- 28h OCT

THEME 10 : REVOLT OF 1857 AND
NATIONALISM IN INDIA

8th NOV - 26th NOV

Theme 11: CONSTITUTION

GROUP PRESENTATIONS

FINAL PROJECT SUBMISSION BY 1ST
WEEK NOVEMBER

27th NOV - TO PREBOARD EXAMS
REVISION

CLASS XII PSYCHOLOGY

FROM DATE	TO DATE	NUMBER OF DAYS	SYLLABUS CONTENT
1/10/24	28/10/24	14	Chapter 6: Attitude and Social cognition Final submission of all practical work – 14/10/24
8/11/24	26/11/24	14	Chapter 7: Social influence and Group processes Chapter 3: Meeting Life Challenges Syllabus completion
27/11/24	23/12/24	14	Mock tests
24/12/24	23/01/25	14	Mock tests
24/01/25	10/02/25	14	Mock tests
11/02/25	28/02/25	13	Mock tests

SYLLABUS PLANNING CLASS XII SOCIOLOGY 2024-25 (Term II)

DATES	SYLLABUS
01 st October – 28 th October	<p><u>Ch - Change and development in Rural Society</u></p> <p>(Agrarian Structure : Caste & class in Rural India, Land Reforms, Green Revolution and Emerging, Agrarian society, Green revolution and its social consequences, Transformation in Rural Society, Circulation of labour, Globalization, Liberalization and Rural Society)</p> <p><u>Ch- Change and development in Urban Society</u></p> <p>(From Planned Industrialization to Liberalization, How people find Jobs ,Work Processes: How work is carried out, working conditions, home based work, Strikes and Unions)</p>
08 th November- 26 th November	<p><u>Ch - Social Movements</u></p> <p>(Concept of Social Movements, Theories and Classification of Social Movements, Environmental Movements, Class-Based Movements: Workers, Peasants)</p>
27 th November- 23 rd January	Revision & Pre boards
24 th January- 10 th February	Mock Tests
11 th February- 28 th February	Mock Tests

PHYSICAL EDUCATION
CLASS 12 syllabus semester 2 (2024)

Chapter 7&8	—	1 st October – 28 th October
Chapter 9&10	–	8 November - 26 th November
Revision	—	27 November Onwards

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Syllabus Bifurcation
Informatics Practices
2024-25

S. No	FROM	TO	DAYS	Class XII
1	1/10/24	28/10/24	14	Ch- 4 (contd.) Ch- 5 Final submission of practical file– 14/10/24
2	8/11/24	26/11/24	14	Ch- 6 Completion of Project and Submission
3	27/11/24	23/12/24	14	Mock tests
4	24/12/24	23/01/25	14	Mock tests
5	24/01/25	10/02/25	14	Mock tests
6	11/02/25	28/02/25	13	Mock tests

SYLLABUS BREAK-UP
FINE ARTS , TERM -2
CLASS XII

Dates	Topics
1st October-28th October 2024	The Pahari School of Miniature Painting <ul style="list-style-type: none"> • Origin and development • Sub-Schools- Basohli, Guler, Kangra, Chamba and Garhwal • Main features of the Pahari School • Appreciation of the following Pahari paintings: <ul style="list-style-type: none"> • Krishna with Gopis • Nand, Yashoda and Krishna with Kinsmen Going to Vrindavana
8th November-26th November 2024	The Deccan School of Miniature Painting <ul style="list-style-type: none"> • Origin and development • Main features of the Deccan School • Appreciation of the following Deccan paintings: <ul style="list-style-type: none"> • Hazrat Nizamuddin Auliya and Amir Khusro • Chand Bibi Playing Polo (Chaugan)
27th November-23rd December 2024	The Mughal School of Miniature Painting <ul style="list-style-type: none"> • Origin and development • Main features of the Mughal School • Appreciation of the following Mughal Paintings: <ul style="list-style-type: none"> • Krishna Lifting Mount Govardhana, • Falcon on a Bird-Rest • Kabir and Raidas • Marriage Procession of Dara Shukoh