

CLASS XII

BUSINESS STUDIES

Book : NCERT

MONTHLY SYLLABUS

MONTH	CHAPTERS
March-April	Unit 1: Nature and Significance of Management Unit 2: Principles of Management Unit 3: Business Environment
May	Unit 11: Marketing Unit 4: Planning
July	Unit 4: Planning Unit 5: Organising Unit 6: Staffing
Aug- Sep	Unit 7: Directing Unit 8: Controlling
October	Unit 9: Financial Management Unit 10: Financial Markets
November	Unit 10: Financial Markets Unit 12: Consumer Protection

SYLLABUS FOR ASSESSMENTS

ASSESSMENTS	CHAPTERS
Performance test 1	Ch 1 to Ch 3
Performance test 2	Ch 4, Ch 5 and Ch 11
Half Yearly Examination	Ch 1 to Ch 8 and Ch 11

ASSESSMENT SCHEME: THEORY(WRITTEN EXAM)-80 MARKS, PRACTICAL-20 MARKS

ACCOUNTANCY

**BOOKS : PART I – ACCOUNTING FOR NOT-FOR-PROFIT ORGANISATION,
PARTNERSHIP AND COMPANY ACCOUNTS**

PART II – ANALYSIS OF FINANCIAL STATEMENTS

By : T. S. Grewal

MONTHLY SYLLABUS

MONTH	CHAPTERS
March-April	PART-I: Partnership and Not-For-Profit Organisation Accounts - Book 1 Ch 2: Fundamentals of Accounting for Partnership Firms Ch 3: Goodwill: Nature and valuation Ch 4: Change In the Profit sharing Ratio
May	Ch 4: Change in the Profit sharing Ratio Ch 5: Admission of a partner
July	Ch 6: Retirement and death of a partner Ch 7: Dissolution of Partnership Firm
August- September	PART-I: Partnership and Not-For-Profit Organisation Accounts - Book 1 Ch 1: Not-for-Profit Organisations PART I : Company Accounts - Book 2 Ch 1: Company Accounts- Issue of Shares Ch 2: Issue of Debentures Ch 3: Redemption of debentures
October	Ch 3: Redemption of debentures PART II: Analysis of Financial Statements – Book 3 Ch 1: Financial statements of a company Ch 2: Financial Statement Analysis Ch 3: Tools for Financial Statement Analysis Ch 4: Accounting Ratios
November	PART II–Analysis of Financial Statements - Book 3 Ch 4: Accounting Ratios Ch 5: Cash Flow Statement

SYLLABUS FOR ASSESSMENTS

ASSESSMENTS	CHAPTERS
Performance test 1	<u>Part I-Partnership & NPO</u> Ch 2, 3 and 4
Performance test 2	<u>Part I-Partnership & NPO</u> Ch 5 and 6.
Half Yearly Examination	<u>Part I-Partnership & NPO</u> Ch 1 to Ch 7 <u>Part II – Company Accounts</u> Ch 1: Company Accounts- Issue of Shares

ASSESSMENT SCHEME: THEORY(WRITTEN EXAM)-80 MARKS, PRACTICAL-20 MARKS

ENGLISH

Books:

- FLAMINGO
- VISTAS

MONTHLY SYLLABUS

Month	Chapters
March- April	Flamingo *The Last Lesson (Prose) *My Mother at Sixty Six (Poetry) *The Lost Spring (Prose) Vistas *The Third Level (Prose) *The Tiger King (Prose) Writing Revision of Notice and Advertisement
May	Flamingo *Deep Water (Prose)

	<p>*Indigo (Prose)</p> <p>Vistas</p> <p>*The Enemy (Prose)</p> <p>Writing</p> <p>Revision of Speech/Debate/Article</p> <p>Reading</p> <p>Note Making and Summary Writing</p>
July	<p>Flamingo</p> <p>*An Elementary School Classroom in a Slum (Poetry)</p> <p>*Poet and Pancakes (Prose)</p> <p>*The Interview (Prose)</p> <p>Writing</p> <p>Revision of Invitation and Replies (Formal and Informal)</p>
August- September	<p>Flamingo</p> <p>*The Rattrap (Prose)</p> <p>*Keeping quiet (Poetry)</p> <p>*A Thing of Beauty (Poetry)</p> <p>Vistas</p> <p>*Journey to the end of the world (Prose)</p> <p>Writing</p> <p>Revision of Letters- Placing an order, Cancelling an order, Complaint, Applications, To Editor, Job Application, Business letters, Requests, Appeals, Reports</p>
October	<p>Flamingo</p> <p>*The Road Side Stand (Poetry)</p> <p>*Aunt Jennifer's tigers (Poetry)</p> <p>*Should Wizard hit Mommy (Prose)</p> <p>*Evans tries an O Level (Prose)</p> <p>Writing</p> <p>Revision</p>
November	<p>Flamingo</p> <p>*Going Places (Prose)</p> <p>Vistas</p> <p>*On the Face of it (Prose)</p> <p>*Memories of Childhood (Prose)</p> <p>Writing</p> <p>Revision</p>

SYLLABUS FOR ASSESSMENTS

ASSESSMENT	CHAPTERS
I P. Test	The Last Lesson, My Mother at 66, The Lost Spring, Deep Water, The Tiger King Note Making and Summary Writing, Debate, Notice and Advertisements
II P. Test	The Third Level, Deep water, Indigo, An Elementary School Classroom in a Slum, The Enemy Note Making and Summary Writing, Invitation (short writing skill), Letters- Selective, Article, Reports
Half Yearly	Syllabus covered upto September All writing skills, comprehension & Note Making.

ASSESSMENT SCHEME: THEORY(WRITTEN EXAM)-80 MARKS, PRACTICAL-20 MARKS

PSYCHOLOGY

Books :

- NCERT - Psychology
- Psychology by Morgan and King
- CBSE study material

MONTHLY SYLLABUS

MONTH	CHAPTERS	PRACTICALS
March-April	Unit-1 Variations in Psychological Attributes Unit-3 Meeting Life Challenges	<ul style="list-style-type: none">• Administration of Intellectual Ability Test

May	Unit-4 Psychological Disorders	<ul style="list-style-type: none"> Administration of Adjustment Scale
July	Unit -2 Self and Personality (Half) Unit-5 Therapeutic Approaches	<ul style="list-style-type: none"> Visit IHBAS/VIMHANS Measurement of Anxiety
August-September	Unit -2 Self and Personality (Half) Unit-6 Attitude and Social Cognition	<ul style="list-style-type: none"> Administration of CIS Administration of Personality test
October	Unit-7 Social Influence and Group Process Unit-8 Psychology and Life	Group Discussion
November	Unit-9 Developing Psychological Skills	Project Case study

SYLLABUS FOR ASSESSMENTS

ASSESSMENTS	CHAPTERS
Performance test 1	Unit- 1, 3
Performance test 2	Unit-1,3,4,
Half Yearly Examination	Unit-1, 2, 3, 4, 5,and 6

ASSESSMENT SCHEME: THEORY(WRITTEN EXAM)-70 MARKS, PRACTICAL-30 MARKS

Physical Education

Book: Sarashwati Publication

Monthly Syllabus

MONTH	CHAPTER
April – May	Ch.1: Planning in Sports Ch.2: Sports & Nutrition Ch.3: Yoga & Lifestyle

July	Ch. 4: Physical Education & Sports for CWSN Ch. 5: Children & Women in Sports
August – September	Ch.6: Test and measurement in Sports Ch.7: Physiology & Injuries in Sports
October	Ch.8: Biomechanics & Sports Ch.9: Psychology & Sports
November	Ch.10: Training in Sports
December	File work

SYLLABUS FOR ASSESSMENT

Exam	CHAPTER
First Periodic	Ch.1: Planning in Sports Ch.2: Sports & Nutrition Ch.3: Yoga & Lifestyle
Half yearly	Ch.1: Planning in Sports Ch.2: Sports & Nutrition Ch.3: Yoga & Lifestyle Ch. 4: Physical Education & Sports for CWSN Ch. 5: Children & Women in Sports Ch.6: Test and measurement in Sports
Second Periodic	Ch.7: Physiology & Injuries in Sports Ch.8: Biomechanics & Sports Ch.9: Psychology & Sports
Final exam	All Chapters

ASSESSMENT SCHEME: THEORY(WRITTEN EXAM)-70 MARKS, PRACTICAL-30 MARKS

MATHEMATICS

Books :

- N.C.E.R.T. Part 1 & 2

MONTHLY SYLLABUS

MONTH	CHAPTERS
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March –April	Ch-1: Relations & Functions Ch-2: Inverse Trigonometric Functions Ch-3: Matrices Ch-4: Determinants
May	Ch-5: Continuity & Differentiability
July	Ch-6: Application of derivatives Ch-7: Integration
Aug-Sep	Ch-8: Application of Integration Ch-9: Differential Equations
October	Ch-12: Linear Programming Ch-10: Vectors
November	Ch-11: Three-Dimensional Geometry Ch-13: Probability

SYLLABUS FOR ASSESSMENTS

ASSESSMENTS	CHAPTERS
Performance test 1	Ch : 1, 3 & 4
Performance test 2	Ch : 2, 5 & 6
Half Yearly Examination	Ch : 1 to 9

ASSESSMENT SCHEME: THEORY(WRITTEN EXAM)-80 MARKS, PRACTICAL-20 MARKS

ECONOMICS

Books:

1. INDIAN ECONOMIC DEVELOPMENT by SandeepGarg
2. INTRODUCTORY MACRO ECONOMICS by SandeepGarg

MONTHLY SYLLABUS

MONTH	CHAPTERS
March-April	<u>Indian Economics Development</u> Unit -1. Development Policies and Experiences (1947-1990) <u>Macro Economics</u> Unit-5. National Income And Related Aggregates Unit-6 Money and Banking

May	<u>Indian Economics</u> Unit -2 Economic Reforms since 1991 Unit -3 Current challenges facing the Indian Economy (ch 1)
July	<u>Indian Economics</u> Unit -3 Current challenges facing the Indian Economy (ch 2) <u>Macro Economics</u> Unit-7 Determination of Income and Employment
August-September	<u>Indian Economics</u> Unit -3 Current challenges facing the Indian Economy (ch 3,4) <u>Macro Economics</u> Unit-8 Government budget and the Economy
October	<u>Indian Economics</u> Unit -3 Current challenges facing the Indian Economy (ch5, 6) <u>Macro Economics</u> Unit-9 Balance Of Payment
November	<u>Indian Economics</u> Unit-4 Development Experiences of India: A comparison with neighbouring countries.

SYLLABUS FOR ASSESSMENTS

ASSESSMENTS	CHAPTERS
Performance test 1	<u>Indian Economics</u> Unit-1. <u>Macro Economics</u> Unit-5&6
Performance test 2	<u>Indian Economics</u> Unit-2&3 <u>Macro Economics</u> Unit-7
Half Yearly Examination	<u>Indian Economics</u>

Unit-1-3 <u>Macro Economics</u> Unit-5-8

ASSESSMENT SCHEME: THEORY(WRITTEN EXAM)-80 MARKS, PRACTICAL-20 MARKS

POLITICAL SCIENCE

BOOKS : 1. Contemporary World Politics
2. Politics in India Since Independence

MONTHLY SYLLABUS

MONTH	CHAPTERS
March -April	Contemporary World Politics Ch.1 The Cold War Era Ch.2 The End of Bipolarity Ch.3 US Hegemony in world politics Ch.4 Alternative Centres of Power
May	Ch.5 Contemporary South Asia Ch.6 International Organisations
July	Ch.7 Security in the Contemporary World Ch.8 Environment and Natural Resources Ch.9 Globalisation
August	Politics in India Since Independence Ch.1Challenges of Nation Building Ch.2 Era of One- Party Dominance
September	Ch.3 Politics of Planned Development
October	Ch.4 India's External Relations Ch.5 Challenges to and Restoration of the Congress Syatem
November	Ch.6 The Crisis of Democratic Order Ch. 7 Rise of Popular Movement
December	Ch. 8 Regional Aspiration Ch. 9 Recent Developments in India

SYLLABUS FOR ASSESSMENTS

ASSESSMENTS	SYLLABUS
Performance test 1	Contemporary World Politics (Book 1) Ch. 1 to3
Performance test 2	Ch. 1 to 7
Half Yearly Examination	(Book 1) Ch. 1 to 9 (Book 2) Ch. 1 & 2

ASSESSMENT SCHEME: THEORY(WRITTEN EXAM)-80 MARKS, PRACTICAL-20 MARKS

PHYSICS

BOOKS :

- NCERT Physics (Part I and Part II)
- Simplified Physics by SL Arora
- Comprehensive Physics Lab Manual

MONTHLY SYLLABUS

MONTH	CHAPTERS	PRACTICALS
March-April	Unit I : Electrostatics 1. Electric Charges and Fields 2. Electrostatic Potential and Capacitance Unit II : Current Electricity 1. Current Electricity Unit III: Magnetic Effects of Current and Magnetism 2. Moving Charges and Magnetism	➤ To measure resistance of a wire using meter bridge ➤ To determine resistance by potential and current graph. ➤ To verify the laws of combination of resistances using meter bridge. ➤ To compare emf's of two given primary cells using Potentiometer.
May	3. Magnetism and Matter Unit IV : Electromagnetic Induction and Alternating Currents 4. Electromagnetic Induction	➤ To determine the internal resistance of a given cell using potentiometer. ➤ To determine resistance of a galvanometer by half deflection method.
July	5. Alternating Current Unit V : Electromagnetic Waves 6. Electromagnetic Waves	➤ To find the value of v for different values of u for a concave mirror. ➤ To find the focal length of convex mirror.
August - September	Unit VI : Optics 7. Ray Optics and Optical Instruments 8. Wave Optics	➤ To find focal length of a convex lens by plotting graphs. ➤ To find focal length of concave lens using convex lens.
October	Unit VII : Dual Nature of Radiation and Matter 9. Dual Nature of Radiation and Matter Unit VIII : Atoms and Nuclei 10. Atoms 11. Nuclei	➤ To determine angle of minimum deviation for a given prism. ➤ To draw I-V characteristics of a p-n junction. ➤ To draw the characteristics curve of a zener diode and determine reverse breakdown voltage.
November	Unit IX : Electronic Devices 12. Semiconductor Electronics: Materials, Devices and Simple	➤ To convert the given galvanometer into ammeter and voltmeter.

	Circuits Unit X : Communication Systems 13. Communication Systems	
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SYLLABUS FOR ASSESSMENTS

ASSESSMENTS	CHAPTERS
Performance test 1	Ch – 1, 2 & 3
Performance test 2	Ch – 4,5 & 6
Half Yearly Examination	Ch – 1 to 10

ASSESSMENT SCHEME: THEORY(WRITTEN EXAM)-70 MARKS, PRACTICAL-30 MARKS

BIOLOGY

BOOKS :

- **NCERT Biology**
- **Comprehensive Practical**

MONTHLY SYLLABUS

MONTH	CHAPTERS	PRACTICALS
March	<u>Unit- I Reproduction</u> 1. Reproduction in organisms 2. Sexual Reproduction in flowering plants	➤ Study pollen germination on slide. ➤ Collect and study soil from at least two different soils and study them for texture, moisture content, PH and water holding capacity of soil. Correlate with the kinds of plants found in them.
April	<u>Unit- I Reproduction</u> 3. Human Reproduction 4. Reproductive health <u>Unit –II Genetics and evolution</u> 5. Principle of Inheritance and variation	➤ Collect water from two different water bodies around you and study them for PH, clarity and presence of any living organism. ➤ Study the presence of suspended particulate matter at two widely different sites.
May	<u>Unit- II Genetics and evolution</u> 6. Molecular basis of Inheritance 7. Evolution	➤ Study of plant population density by quadrat method.

July	Unit – III Biology in human welfare 8. Human health and diseases 9. Strategies for enhancement of food production 10. Microbes in human welfare	➤ Study of plant population frequency by quadrat method.
August-- September	Unit – IV Biotechnology 11. Biotechnology principles and processes 12. Biotechnology and its application	➤ Prepare a temporary mount of onion root tip to study mitosis.
October	Unit -V Ecology 13. Organisms and population 14. Ecosystem	➤ Study the effect of different temperatures and three different PH on the activity of salivary amylase on starch.
November	Unit- V Ecology 15. Biodiversity and conservation 16. Environmental issues	➤ Isolation of DNA from plant materials such as Spinach, Green Pea seed, Papaya etc.

SYLLABUS FOR ASSESSMENTS

PERFORMANCE TEST	CHAPTERS
Performance test 1	Ch. – 1, 2 & 3
Performance test 2	Ch.– 5 & 6
Half Yearly Examination	Ch. – 1 -12

ASSESSMENT SCHEME: THEORY(WRITTEN EXAM)-70 MARKS, PRACTICAL-30 MARKS

Computer Science

Book: Computer science with Python - PreetiArora

Sultan Chand Publication

Monthly Syllabus

MONTH	CHAPTER
April - May	Ch.11: More on SQL Ch. 12: Society, Law and Ethics Ch.9: Web development with Shanti Ch.10: Interface Python with SQL
July	Ch.8: Computer Networks Ch. 1: Review of Python basics
August - September	Ch.2: Functions

	Ch.3: Using Python libraries
October	Ch.4: Data file handling Ch.5: Program efficiency
November	Ch.6: Data structures in Python Ch. 7 Visualising using Pyplot
December	Revision

SYLLABUS FOR ASSESSMENT

Exam	CHAPTER
First Performance test	Ch.11, 12
Second performance test	Ch.9, 10, 11, 12
Half yearly	Ch. 1, 2, 3, 8, 9, 10, 11, 12
Final exam	All Chapters

ASSESSMENT SCHEME: THEORY(WRITTEN EXAM)-70 MARKS, PRACTICAL-30 MARKS

CHEMISTRY

BOOKS :

- NCERT Chemistry
- Simplified Chemistry, SL Arora
- Comprehensive Chemistry Lab Manual

MONTHLY SYLLABUS

MONTH	UNITS	PRACTICALS
March- April	Unit -1 Solution Unit -10 Haloalkanes and Haloarenes Unit -11 Alcohols, Phenols and Ethers	Chromatography Preparation of Mohr's salt Salt analysis-Acid radicals (group-1 and 2)
May	Unit -12 Aldehydes, Ketones and Carboxylic acids Unit -14 Biomolecules	Preparation of organic compounds Testing of Functional groups
July	Unit -13 Amines –Organic Compounds Containing Nitrogen Unit -3 Electrochemistry	Titration of KMNO_4 with oxalic acid solution Titration of KMNO_4 with Mohr's salt solution
August-September	Unit -4 Chemical Kinetics Unit -5 Surface Chemistry	-----
October	Unit -6 General Principles and isolations of elements Unit -8 d and f Block elements	Salt analysis- Basic radicals (group-4,5 and 6)
November	Unit -7 P-Block Elements (group-17,18) Unit -15 Polymers	Preparation of standard solution of oxalic acid and Mohr's salt solution Testing of Carbohydrates, fats and, Proteins Investigatory Projects

SYLLABUS FOR ASSESSMENT

PERFORMANCE TEST	UNITS
Performance Test – 1	Unit -1 ,10 &11
Performance Test – 2	Unit – 1,10,11,12 & 3
Half Yearly Exam	Unit-1, 2, 3, 4, 9, 10, 11, 12 and 14

ASSESSMENT SCHEME: THEORY(WRITTEN EXAM)-70 MARKS, PRACTICAL-30 MARKS

NOTE: SUBJECT TO CHANGE ACCORDING TO THE CBSE GUIDELINES.