

ACCOUNTS (858)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 (Marks: 40) | | | SEMESTER 2 (Marks: 40) | | |
|---------------------------|----------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| UNIT NO. | NAME OF THE UNIT | NAME OF THE SUB-UNIT | UNIT NO. | NAME OF THE UNIT | NAME OF THE SUB-UNIT |
| SECTION A | | | | | |
| 1. | Partnership Accounts | A. Fundamentals of Partnership B. Goodwill C. Reconstitution of Partnership I. Admission of a partner | 1. | Partnership Accounts | C. Reconstitution of Partnership II. Retirement of a partner III. Dissolution of a Partnership Firm |
| 2. | Joint Stock Company Accounts | A. Issue of Shares D. Final Accounts of Companies | 2. | Joint Stock Company Accounts | B. Issue of Debentures C. Redemption of Debentures |
| SECTION B | | | | | |
| 5. | Ratio Analysis (Complete Unit) | | 3. | Financial Statement Analysis (Complete Unit) | |
| | | | 4. | Cash Flow Statement (Complete Unit) | |
| OR | | | | | |
| SECTION C | | | | | |
| 6. | Accounting Application of Electronic Spread Sheet (Complete Unit) | | 7. | Database Management System (DBMS) (Complete Unit) | |

BIOLOGY(863)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 (Marks: 35) | | | SEMESTER 2 (Marks: 35) | | |
|---------------------------|-------------------------------------------|---------------------------------|---------------------------|-------------------------------------------------------|-------------------------------------------------------------------------------------|
| UNIT NO. | NAME OF THE UNIT | NAME OF THE SUB-UNIT | UNIT NO. | NAME OF THE UNIT | NAME OF THE SUB-UNIT |
| 1. | Reproduction (Complete Unit) | | 3. | Biology and Human Welfare | (i) Human Health and Diseases (ii) Strategies for enhancement in Food Production |
| 2. | Genetics and Evolution (Complete Unit) | | 4. | Biotechnology and its Applications (Complete Unit) | |
| 3. | Biology and Human Welfare | (iii) Microbes in Human Welfare | 5. | Ecology and Environment (Complete Unit) | |

BUSINESS STUDIES (859)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 <i>(Marks: 40)</i> | | SEMESTER 2 <i>(Marks: 40)</i> | |
|-----------------------------------------|---------------------------|-----------------------------------------|---------------------------------------------|
| UNIT NO. | NAME OF THE UNIT | UNIT NO. | NAME OF THE UNIT |
| 1. | Human Resource Management | 2. | Business Communication and Correspondence |
| | | 3. | Business Size and Finance |
| | | 4. | Globalisation and recent trends in business |
| | | 5. | Business Regulators and Intermediaries |

CHEMISTRY (862)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 (Marks: 35) | | SEMESTER 2 (Marks: 35) | |
|---------------------------|-----------------------------------------------------------|---------------------------|-----------------------------------------|
| UNIT NO. | NAME OF THE UNIT | UNIT NO. | NAME OF THE UNIT |
| 1. | Solid State | 4. | Chemical Kinetics |
| 2. | Solutions | 5. | Surface Chemistry |
| 3. | Electrochemistry | 8. | d -and f -Block Elements |
| 6. | General Principles and Processes of Isolation of Elements | 9. | Coordination Compounds |
| 7. | p -Block Elements | 12. | Aldehydes, Ketones and Carboxylic Acids |
| 10. | Haloalkanes and Haloarenes | 13. | Organic Compounds containing Nitrogen |
| 11. | Alcohols, Phenols and Ethers | 14. | Biomolecules |
| | | 15. | Chemistry in Everyday Life |

COMMERCE (857)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 (Marks: 40) | | | SEMESTER 2 (Marks: 40) | | |
|---------------------------|-----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|------------------------------|------------------------------------------------------------------------------------------------------------------------|
| UNIT NO. | NAME OF THE UNIT | NAME OF THE SUB-UNIT | UNIT NO. | NAME OF THE UNIT | NAME OF THE SUB-UNIT |
| 1. | Business Environment (Complete Unit) | | 3. | Management | (v) Functions of Management: (b) Organising (c) Staffing (d) Directing (e) Controlling (f) Coordination |
| 2. | Financing (Complete Unit) | | 4. | Marketing (Complete Unit) | |
| 3. | Management | (i) Management: Meaning, objectives and characteristics of management. (ii) Nature of Management – Science, Art and Profession. (iii) Importance of Management. (iv) Principles of Management: nature of principles; need for principles. (v) Functions of Management: (a) Planning | | | |

COMPUTER SCIENCE (868)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 (Marks: 35) | | | SEMESTER 2 (Marks: 35) | | |
|---------------------------|---------------------------------------------------------------------------------|----------------------|---------------------------|------------------------------------------------------------|----------------------|
| UNIT NO. | NAME OF THE UNIT | NAME OF THE SUB-UNIT | UNIT NO. | NAME OF THE UNIT | NAME OF THE SUB-UNIT |
| 1. | Boolean Algebra (Complete Unit) | | 10. | Arrays, Strings | Strings |
| 2. | Computer Hardware (Complete Unit) | | 11. | Recursion (Complete Unit) | |
| 3. | Implementation of algorithms to solve problems (Complete Unit) | | 12. | Inheritance, Interface and Polymorphism (Complete Unit) | |
| 4. | Programming in Java (Review of Class XI Sections B and C) (Complete Unit) | | 13. | Data structures (Complete Unit) | |
| 5. | Objects (Complete Unit) | | | | |
| 6. | Primitive Values, Wrapper classes, Types and casting (Complete Unit) | | | | |
| 7. | Variables, Expressions (Complete Unit) | | | | |
| 8. | Statements, Scope (Complete Unit) | | | | |
| 9. | Methods (Complete Unit) | | | | |
| 10. | Arrays, Strings | Arrays | | | |

ECONOMICS (856)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 <i>(Marks: 40)</i> | | SEMESTER 2 <i>(Marks: 40)</i> | |
|-----------------------------------------|-------------------------|-----------------------------------------|--------------------------------------|
| UNIT NO. | NAME OF THE UNIT | UNIT NO. | NAME OF THE UNIT |
| 1. | Micro Economic Theory | 2. | Theory of Income and Employment |
| | | 3. | Money and Banking |
| | | 4. | Balance of Payment and Exchange Rate |
| | | 5. | Public Finance |
| | | 6. | National Income |

ENGLISH (801)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

SEMESTER 1

(Marks: 40)

SEMESTER 2

(Marks: 40)

LANGUAGE

PORTION TO BE COVERED

Comprehension

Grammar

PORTION TO BE COVERED

Composition

Directed Writing

Proposal Writing

SEMESTER 1

(Marks: 40)

SEMESTER 2

(Marks: 40)

LITERATURE

PORTION TO BE COVERED

Name of the Textbook

Names of the Poems/Short Stories/chapters of the prescribed Novel/Drama to be covered

I. *The Tempest:*
William Shakespeare

Act III

II. *Echoes:*
A Collection of ISC Short Stories

1. *To Build a Fire – Jack London*
2. *The Story of an Hour – Kate Chopin*

III. *Reverie:*
A Collection of ISC Poems

1. *The Darkling Thrush – Thomas Hardy*
2. *Birches – Robert Frost*
3. *Crossing the Bar – Alfred, Lord Tennyson*

PORTION TO BE COVERED

Name of the Textbook

Names of the Poems/Short Stories/chapters of the prescribed Novel/Drama to be covered

I. *The Tempest:*
William Shakespeare

Acts IV & V

II. *Echoes:*
A Collection of ISC Short Stories

3. *The Singing Lesson – Katherine Mansfield*
4. *The Sound Machine – Roald Dahl*
5. *B. Wordsworth – V.S. Naipaul*

III. *Reverie:*
A Collection of ISC Poems

4. *Dover Beach – Matthew Arnold*
5. *We are the Music Makers – Arthur William Edgar O'Shaughnessy*

GEOGRAPHY (853)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 (Marks: 35) | | | SEMESTER 2 (Marks: 35) | | |
|---------------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| UNIT NO. | NAME OF THE UNIT | NAME OF THE SUB-UNIT | UNIT NO. | NAME OF THE UNIT | NAME OF THE SUB-UNIT |
| 1. | Physical Environment (Complete Unit) | | 3. | Resources of India and their Utilisation | (iv) Agriculture: Types, development and problems. (v) Fishing in India, Japan and Bangladesh. (vi) Sources of Energy |
| 2. | Population and Human settlements (Complete Unit) | | 4. | Infrastructural Resources (Development of Transport and Communication) (Complete Unit) | |
| 3. | Resources of India and their Utilisation | (i) Need for environmental management vis-à-vis development. (ii) Land resources: Land use pattern in India – quality of cultivable land, size of land holdings. (iii) Water resources and types of irrigation. | 5. | Industries (Complete Unit) | |
| 7. | Map Work | Related to the given topics | 6. | Regional Economic Development (Complete Unit) | |
| | | | 7. | Map Work | Related to the given topics |

HISTORY (851)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 <i>(Marks: 40)</i> | | SEMESTER 2 <i>(Marks: 40)</i> | |
|-----------------------------------------|-----------------------------------------------------------------|-----------------------------------------|-----------------------------------------------------|
| UNIT NO. | NAME OF THE UNIT | UNIT NO. | NAME OF THE UNIT |
| 1. | Towards Independence and Partition: the Last Phase (1935-1947) | 7. | World War II |
| 2. | Establishment and development of Indian democracy (1947 – 1966) | 8. | De-colonisation – in Asia (China) |
| 3. | Challenges to Indian Democracy (1964 – 1977) | 9. | Cold War 1945-91– origin, course, end and impact |
| 4. | Changing face of the Indian Democracy (1977 – 1986) | 10. | Protest Movements |
| 5. | India's Foreign Policy | 11. | Middle East: Israeli-Palestine conflict (1916-1993) |
| 6. | Movements for Women's Rights | | |

HOME SCIENCE (864)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 <i>(Marks: 35)</i> | | SEMESTER 2 <i>(Marks: 35)</i> | |
|-----------------------------------------|------------------------------|-----------------------------------------|-----------------------------|
| UNIT NO. | NAME OF THE UNIT | UNIT NO. | NAME OF THE UNIT |
| 1. | Food Preparation | 5. | Human Development |
| 2. | Meal Planning for the Family | 6. | Traditional Textiles |
| 3. | Resource Management | 7. | Communication and Extension |
| 4. | Consumer Education | | |

BENGALI (803)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

SEMESTER 1

(Marks: 40)

SEMESTER 2

(Marks: 40)

LANGUAGE

PORTION TO BE COVERED

Comprehension

Grammar

PORTION TO BE COVERED

Composition

Grammar

LITERATURE

PORTION TO BE COVERED

Name of the Textbook

Names of the Poems/Short Stories/chapters of the prescribed Novel/Drama to be covered

I. *Koni (Novel):*
Moti Nondi

Chapters 1 to 7

II. *Mukut (Drama):*
Rabindra Nath Tagore

Act : 1

III. *Probondho O Godya Sonkolon*
(ISC Collection of Short Stories and Essays)

- (i) *Thakurda*: Rabindra Nath Tagore
- (ii) *Jora Sankor Dhare* (essay): Abanindra Nath Tagore
- (iii) *Taser Ghar*: Tara Shankar Bandyopadhyay
- (iv) *Anachaar*: Ashapurna Devi

IV. *Kobita Sonkolon*
(ISC Collection of Poems)

- (i) *Ora Kaaj Kore*: Rabindra Nath Tagore
- (ii) *Poob - Poschim*: Achintya Kumar Sen Gupta
- (iii) *Banolata Sen*: Jibanananda Das
- (iv) *Barno Porichoy*: Tarun Sanyal

PORTION TO BE COVERED

Name of the Textbook

Names of the Poems/Short Stories/chapters of the prescribed Novel/Drama to be covered

I. *Koni (Novel):*
Moti Nondi

Chapters 8 to 14

II. *Mukut (Drama):*
Rabindra Nath Tagore

Acts : 2 & 3

III. *Probondho O Godya Sonkolon*

- (v) *Record*: Narayan Gangyopadhyay
- (vi) *Birjo Shulka*: Saradindu Bandyopadhyay
- (vii) *Aadab*: Samresh Basu
- (viii) *Lachmaner Ma*: Mahasweta Devi

IV. *Kobita Sonkolon*

- (v) *Salomoner Ma*: Subhash Mukhopadhyay
- (vi) *Raasta Karor Ekar Noy*: Birendra Chattopadhyay
- (vii) *Swadhinata Tumi*: Samsur Rahman
- (viii) *Noon*: Joy Goswami

HINDI (805)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

SEMESTER 1

(Marks: 40)

SEMESTER 2

(Marks: 40)

LANGUAGE

PORTION TO BE COVERED

Comprehension

Grammar

PORTION TO BE COVERED

Composition

Grammar

LITERATURE

PORTION TO BE COVERED

Name of the Textbook

Names of the Poems/Short Stories/chapters of the prescribed Novel/Drama to be covered

I. *Saara Akash* (Novel): Rajendra Yadav

Purvardh: Sanjh bina Uttar wali Dus Dishayein: 1 – 10
(Parts one to ten)

II. *Aashad Ka Ek Din* (Drama): Mohan Rakesh

Ank Ek (first part only)

III. *Gadya Sanklan* (ISC Collection of Short Stories and Essays)

- (i) *Puthra Prem*: Munshi Premchand
- (ii) *Gauri*: Subhadra Kumari Chauhan
- (iii) *Sharanagat*: Vrindavan Lal Verma
- (iv) *Sati*: Shivani

IV. *Kavya Manjari* (ISC Collection of Poems)

- (i) *Sakhi*: Kabir
- (ii) *Balleela*: Surdas
- (iii) *Ek Phool Ki Chah*: Siyaram Sharan Gupta
- (iv) *Aah Dharati Kitna Deti Hai*: Sumitra Nandan Pant

PORTION TO BE COVERED

Name of the Textbook

Names of the Poems/Short Stories/chapters of the prescribed Novel/Drama to be covered

I. *Saara Akash* (Novel): Rajendra Yadav

Uttrardh: Subah Prashan Peedit Dus Dishayein:- 1 - 10
(Parts one to ten)

II. *Aashad Ka Ek Din* (Drama): Mohan Rakesh

Ank Do, Ank Teen (parts two and three)

III. *Gadya Sanklan* (ISC Collection of Short Stories and Essays)

- (v) *Outsider*: Malti Joshi
- (vi) *Kya Nirash Hua Jai* (Essay): Hazari Prasad Dwivedi
- (vii) *Bhaktin*: Mahadevi Verma
- (viii) *Sanskriti Hai Kya* (essay): Ramdhari Singh 'Dinkar'

IV. *Kavya Manjari* (ISC Collection of Poems)

- (v) *Nadi Ke Dweep*: Agyeya
- (vi) *Jag Tujhko Door Jana Hai*: Mahadevi Verma
- (vii) *Udyami Nar*: Ramdhari Singh 'Dinkar'
- (viii) *Badal Ko Ghirte Dekha Hai*: Nagarjun

MATHEMATICS (86o)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 (Marks: 40) | | | SEMESTER 2 (Marks: 40) | | |
|-------------------------------|--------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------|------------------------------------------------|
| UNIT NO. | NAME OF THE UNIT | NAME OF THE SUB-UNIT | UNIT NO. | NAME OF THE UNIT | NAME OF THE SUB-UNIT |
| SECTION A | | | | | |
| 1. | Relations and Functions (Complete Unit) | | 3. | Calculus | (iii) Integrals (iv) Differential Equations |
| 2. | Algebra (Complete Unit) | | 4. | Probability (Complete Unit) | |
| 3. | Calculus | (i) Continuity, Differentiability and Differentiation. (ii) Applications of Derivatives | | | |
| SECTION B | | | | | |
| 5. | Vectors (Complete Unit) | | 6 | Three - Dimensional Geometry | Planes |
| 6. | Three - Dimensional Geometry | Lines | 7. | Applications of Integrals (Complete Unit) | |
| OR SECTION C | | | | | |
| 8. | Application of Calculus (Complete Unit) | | 9. | Linear Regression (Complete Unit) | |
| | | | 10. | Linear Programming (Complete Unit) | |

PHYSICAL EDUCATION (875)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 (Marks: 35) | | SEMESTER 2 (Marks: 35) | |
|---------------------------|--------------------------------------------|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| UNIT NO. | NAME OF THE UNIT | UNIT NO. | NAME OF THE UNIT |
| 1. | Sociological Aspects of Physical Education | 5. | Health Education & Health Problems |
| 2. | Training Methods | 6. | Sports Injuries and First Aid |
| 3. | Career Aspects in Physical Education | | Games <i>Any two of the following:</i> <ul style="list-style-type: none"> • Cricket • Football • Hockey • Basketball • Volleyball • Badminton • Tennis • Swimming • Athletics |
| 4. | Competitions and Tournaments | | |

PHYSICS (861)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 (Marks: 35) | | SEMESTER 2 (Marks: 35) | |
|---------------------------|----------------------------------------------------|---------------------------|-------------------------------------|
| UNIT NO. | NAME OF THE UNIT | UNIT NO. | NAME OF THE UNIT |
| 1. | Electrostatics | 6. | Optics |
| 2. | Current Electricity | 7. | Dual Nature of Radiation and Matter |
| 3. | Magnetic Effects of Current and Magnetism | 8. | Atoms and Nuclei |
| 4. | Electromagnetic Induction and Alternating Currents | 9. | Electronic Devices |
| 5. | Electromagnetic Waves | | |

POLITICAL SCIENCE (852)

BIFURCATED SYLLABUS

(As per the Reduced Syllabus for ISC - Class XII Year 2022 Examination)

| SEMESTER 1 (Marks: 40) | | SEMESTER 2 (Marks: 40) | |
|---------------------------|---------------------|---------------------------|------------------------------------------------------------|
| UNIT NO. | NAME OF THE UNIT | UNIT NO. | NAME OF THE UNIT |
| 1. | Forms of Government | 6. | The Judiciary |
| 2. | Constitution | 7. | Indian Constitution |
| 3. | Franchise | 8. | Fundamental Rights and Directive Principles |
| 4. | The Legislature | 9. | Local self-government |
| 5. | The Executive | 10. | Democracy in India – A perspective of the challenges faced |