

ST. PATRICK'S H. S. SCHOOL, ASANSOL
(SYLLABUS FOR THE SESSION: 2019 -20)
CLASS: XII

ENGLISH LANGUAGE

Name of Text : Total English – 12 (Morning Star)

FIRST TERM

Question One :

A composition on one of a number of subjects (25 marks; 400-450 words).
The choice may normally include : Narrative, descriptive, reflective, argumentative, discussion topics and short story.

Question Two (a) :

Directed Writing based on suggested points (20 marks; 300 words).
The choice may normally include : Article writing, book review, report writing, film review, review of cultural programme.

Question Two (b) :

Proposal Writing based on a given situation (10 marks).
The proposal should include (i) The Heading, (ii) Statement of Objective and (iii) List of Measures

Question Three :

Short-answer questions to test grammar, structure and usage (20 marks).

Question Four :

Comprehension (25 marks).

FINAL TERM

Question One :

A composition on one of a number of subjects (25 marks; 400-450 words).
The choice may normally include : Narrative, descriptive, reflective, argumentative, discussion topics and short story.

Question Two (a) :

Directed Writing based on suggested points (20 marks; 300 words).
The choice may normally include : Speech writing, personal profile and statement of purpose.

Question Two (b) :

Proposal Writing based on a given situation (10 marks).
The proposal should include (i) The Heading, (ii) Statement of Objective and (iii) List of Measures

Question Three :

Short-answer questions to test grammar, structure and usage (20 marks).

Question Four :

Comprehension (25 marks).

ENGLISH LITERATURE

FIRST TERM

THE TEMPEST Act 4

Echoes : A Collection of ISC Short Stories :

To Build a Fire – Jack London
The Sound Machine – Roald Dahl
B. Wordsworth – V. S. Naipaul

Reverie : A Collection of ISC Poems :

Crossing the Bar – Alfred, Lord Tennyson
Dover Beach – Matthew Arnold
The Darkling Thrush – Thomas Hardy
Birches – Robert Frost

FINAL TERM

THE TEMPEST Act 5

Echoes : A Collection of ISC Short Stories :

The Story of an Hour – Kate Chopin
The Singing Lesson – Katherine Mansfield

Reverie : A Collection of ISC Poems :

We are the Music Makers – Arthur William Edgar O'Shaughnessey

(1)

Marks:

Syllabus for class - XII

2nd Language (Bengali)

Year 2019 - 20.

Half yearly (1st Term)

Literature - 50 Marks.

1. -কবিতা (উপন্যাস) -
পারিভ্রম - ৫, ২, ২০, ২০.
2. প্রবন্ধ ও পাদ্য অঙ্কন -
বীর্ষভুক্তা,
লক্ষ্যবস্তুর 'আ'.
3. কবিতা অঙ্কন -
কবিতার প্রার্থনা,
যদি নির্বাসন দাও,
বাস্তব কাব্যের প্রকার নথ্য,

Language - 50 Marks.

1. বর্ণনা ও সৌন্দর্যিক পালন (20)
2. -কবিতা- পরীক্ষন (4x5=20)
3. ব্যাকরণ - (10)
কমন ও কল্প-সংশোধন,
স্বন্যাত্মক-শব্দ,
বাস্তবিকতা,

Final Term : (Mock Examination)

(2)

Literature 50 Marks

1. কবিতা - ২২, ২৩, ২৪ পৰিচ্ছেদ
2. প্রবন্ধ ও সাদৃশ্য-সংকলন -
একটি - তুলসীদাসের কাহিনী,
না পাহারার পরীক্ষা,
3. কবিতা-সংকলন -
স্বাধীনতা সঙ্গী,
নূন,

Language - 50 Marks

1. বাক্য ও ভৌগোলিক সমস্যা,
2. বোধপরিষ্কার
3. ব্যাকরণ -
বাক্য ও বসন সংশোধন, (20)
স্বন্যত্বক শব্দ, (4x5 = 20)
বাক্যবিধা, (10)

Preliminary Examination

Full Syllabus of I. S. C.

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HINDI SYLLABUS - 2019 - 2020
CLASS: XII

FIRST TERM

SECTION - A [LANGUAGE]

50 Marks

1. Essay [400 words]

20 Marks

2. Comprehension

20 Marks

3. Grammar Vyakaran Manjusha

10 Marks

1. Correct Sentences

2. Idioms

SECTION - B [LITERATURE]

50 Marks

GRADHYA SANKALAN:

Chapter 7 : Kya Nirash Hwa Jai

Chapter 8 : Bhaktin

Chapter 9 : Sanshkriti Hai Kya

[Questions will come from Chapter 1 to Chapter 9]

KAVYA MANJARI

Chapter 7 : Jag Tujhko Door Jana Hai

Chapter 8 : Udyami Navr

Chapter 9 : Badal Ko Ghirta Dekha Hai

[Questions will come from Chapter 1 to Chapter 9]

AASHAD KA EK DIN : ANK - 3 [Act - III]

[Questions will come from Act I to Act III]

FINAL TERM

SECTION A [LANGUAGE]

- | | |
|----------------------|----------|
| 1. Essay 400 words | 50 Marks |
| 2. Comprehension | 20 Marks |
| 3. Grammar : | 20 Marks |
| a. Correct Sentences | 10 Marks |
| b. Idioms. | |

SECTION B [LITERATURE]

50 Marks.

GRADHYA SANKALAN

Chapter 10: Majburi

KAVYA MANJARI :

Chapter 10: Andhera Ka Deepak.

AASHAD KA EK DIN: FULL BOOK

CLASS: XII

PHYSICS

[Text Book: ISC PHYSICS – XII By Sharma & S. Kalia, ISC PHYSICS PRACTICAL NOTE BOOK XII – D.N. Publications]

FIRST TERM:

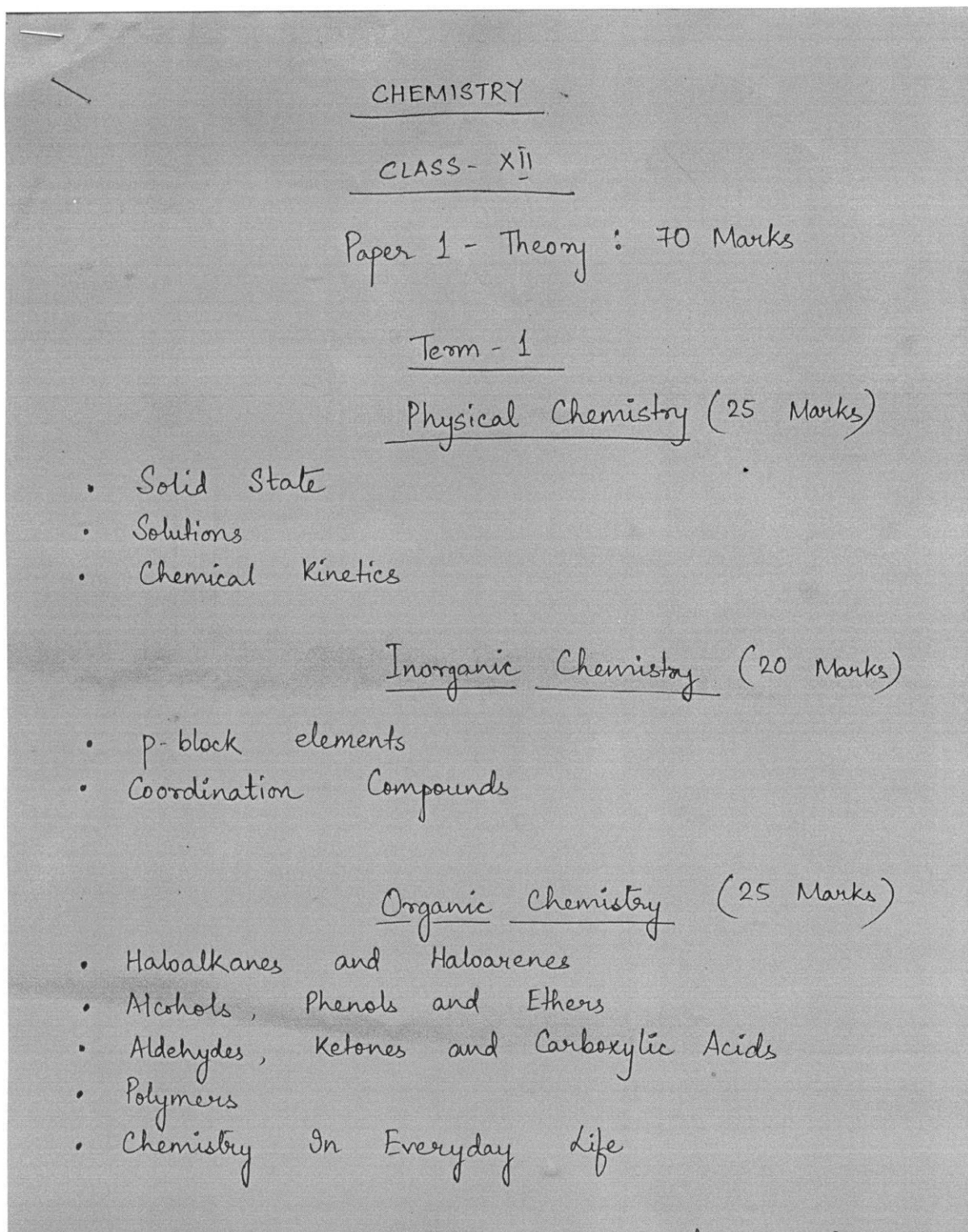
- (i) Electrostatics
- (ii) Current Electricity
- (iii) Magnetic Effects & Magnetism
- (i) Electromagnetic induction & Alternating Current
- (ii) Electromagnetic waves
- (iv) Electronic Devices (including semi – conductor diodes, junction transistors & logic gates)

Syllabus for PRE ISC Exam: FULL SYLLABUS of FIRST TERM plus the following Chapters

Including:

- (i) Optics (Ray Optics & Wave Optics)
- (ii) Dual nature of Radiation and Matter (photo electric Effect & X - rays)
- (iii) Atom and Nuclei (including Radioactivity)
- (iv) Communication Systems

• **(Follow the Scope of Syllabus)**



Final Term

Physical Chemistry (25 Marks)

- Electrochemistry
 - Surface Chemistry
- Full Syllabus from First Term

Inorganic Chemistry (20 Marks)

- General Principles and processes of Isolation of Elements
 - d- and f-block Elements
- Full Syllabus from First Term

Organic Chemistry (25 Marks)

- Organic Compounds Containing Nitrogen
- Biomolecules

Full Syllabus from - First Term

Book : ISC CHEMISTRY CLASS XII

Dr. H.C. Srivastava Nageen Prakashan

*****BIOLOGY

SYLLABUS FOR 2019 -2020

CLASS-XII

Based Strictly on ISC (2020) Syllabus and its Scope.

Question Paper Format

Theory Paper: Full Marks: 70 Time: 3 Hours

There will be no overall choice in the paper. Candidates will be required to answer all questions. Internal choice will be available in two questions of two marks each, two questions of three marks each and all the three questions of five marks each. Please refer to ISC 2019 biology question paper format . Distribution of marks in question paper will be according to the weightage of the chapters as given in the scope.

1st Term

1. Reproduction
 - (i) Reproduction in organism.
 - (ii) Human Reproduction
 - (iii) Reproductive Health
2. Genetics and Evolution
 - (i) Principles of inheritance and variation
 - (ii) Molecular basis of inheritance
3. Biology and Human Welfare.
 - (i) Human health and diseases
 - (ii) Strategies for enhancement in food production .
4. Biotechnology and its applications
 - (i) Biotechnology – Principles and processes
5. Ecology and Environment.
 - (iv) Organisms and Populations
 - (v) Ecosystem

Final Term

1. Reproduction
 - (ii) Sexual reproduction in flowering plants.
2. Genetics and Evolution
 - iii. Evolution
3. Biology and Human welfare
 - (ii) Microbes in Human welfare
4. Biotechnology and Its Applications
 - (II) Biotechnology and Its Applications
5. Ecology and Environment
 - (III) Biodiversity and its Conservation
 - (iii) Environmental issue

N.B – Suggested Text book- ISC Srijan Biology Class 12 ,Rastogi Current Edition.

Reference text book : Nootan biology class 12(current edition)

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SYLLABUS FOR THE ACADEMIC YEAR 2019 – 2020

CLASS: 12

SUBJECT: MATHEMATICS

BOOK: UNDERSTANDING ISC MATHEMATICS CLASS 12 [VOL I & II] BY M L AGARWAL

MID TERM EXAMINATION

SECTION: A

01: RELATIONS & FUNCTIONS

02: INVERSE TRIGONOMETRIC FUNCTIONS

03: MATRICES

04: DETERMINANTS (CRAMER'S RULE NOT INCLUDED)

05: CONTINUITY AND DIFFERENTIABILITY

06: INDETERMINATE FORMS

07: APPLICATIONS OF DERRIVATIVES

08: INTEGRALS [UPTO 8.14]

REVISION CHAPTERS OF CLASS XII FROM CLASS XI FINAL TERM

01: RELATIONS AND FUNCTIONS

03: MATRICES

04: DETERMINANTS

SECTION: B

01: VECTORS

02: THREE DIMENSIONAL GEOMETRY

SECTION: C

01: APPLICATION OF CALCULUS IN COMMERCE AND ECONOMICS

REVISION CHAPTERS OF CLASS XII FROM CLASS XI FINAL TERM

02: LINEAR REGRESSION

03: LINEAR PROGRAMMING

PRE SELECTION EXAMINATIONS

FULL SYLLABUS

QUESTION PAPER PATTERN

The question paper consists of 3 sections A, B and C. Candidates are required to attempt all questions from section A and all questions from EITHER section B or Section C

SECTION A [80 MARKS]

Q. No; 1. 10 subparts of 2 marks each

Q. No. 2 to Q No. 10; 4 marks each. There will be internal choice in 3 questions.

Q. No. 11 to Q. No. 14: marks each. Internal choice in 2 questions.

SECTION;B [20 marks]

Q. No. 15: 3 questions of 2 marks each

Q. No. 16 and Q. No. 17: 4 marks each. Internal choice in both questions.

Q. No. 18: 6 marks

SECTION: C [20 marks]

Q. No. 19: 3 questions of 2 marks each

Q. No. 20 and Q. No. 21: 4 marks each. Internal choice in both questions.

Q. No. 22: 6 marks

COMPUTER SCIENCE (Session 2019-20)

CLASS - XII

Text Book : Computer Science with JAVA

(A Textbook for class XII) By Sumita Arora Dhanpat Rai & Co. [Edition : 2019]

Practical : 30 Marks

Theory : 70 Marks

Theory:

MID TERM

Chapter	Topic
1	Boolean Algebra
2	Computer Hardware
3	Objects and Classes
4	Java Revision Tour
5	Primitive Values, Types Casting and Expressions
6	Statements, Control Structures and Scope
7	Functions /Methods
8	Arrays and Strings
9	Compiling and Running Java Programs
10	Java Classes: An OOP Perspective
11	Recursion
12	Concept of Inheritance
13	Simple Data Structures

FINAL TERM

Chapter	Topic
14	Recursive Data Structure

All Chapters from Mid-Term to be included**Question Pattern For Mid Term Class XII****Part – I (20 Marks)**

3 Compulsory Questions of 20 Marks [5 + 10 + 5]
From Mid – Term Full Syllabus of Class XII

Part – II (50 Marks)**Section A (20 Marks)**

Questions from Chapter 1 & 2

2 out of 3 Questions of 10 marks each

Section B (20 Marks)

2 out of 3 Questions of 10 marks each (Only Java Programs)

Section C (10 Marks)

2 out of 3 Questions of 5 marks each

Questions from Simple Data Structures, Inheritance

Question Pattern for Final Term Class XII

As per ISC Pattern

SYLLABUS 2019 – 2020 SESSION**COMMERCE****CLASS 12 - 2019 – 2020 SESSION**

Text Book : ISC Commerce Vol II by C. B. Gupta – Publisher S. Chand

Part I – Theory 80 Marks

Part II – Project Work 20 Marks

Paper I – Theory (80 Marks)

Part I (20 marks) – 10 short

5

each)

compulsory questions

Part II (60 marks) – Answer any

questions out of 8 (12 marks

FIRST TERM

1. Marketing
 - a. Concept & Functions
 - b. Marketing Mix
 - c. Consumer Protection
2. Business Environment
 - a. Concept, Meaning, Features and importance
 - b. Dimensions
 - c. SWOT Analysis
3. Management
 - a. Meaning, Objectives & Characteristics
 - b. Nature
 - c. Importance
 - d. Principles
 - e. Functions
 - Planning
 - Organizing
 - Staffing
 - Directing
 - Controlling
 - Co-ordination

[FOLLOW ISC SCOPE OF SYLLABUS]

PRE - ICS EXAM

Full Syllabus as per ISC Scope of Syllabus. FULL BOOK

ECONOMICS SYLLABUS FOR CLASS XII

AS PER SCOPE OF ISC SYLLABUS 2020

BOOK: FRANK ISC ECONOMICS FOR CLASS XII

**- D.K. SETHI, U.ANDREWS
(Revised edition)**

SCOPE OF SYLLABUS TO BE STRICTLY FOLLOWED

SYLLABUS FOR MID-TERM EXAMINATION:

Chapter 2: Demand and Law of Demand

Chapter 3: Theory of Consumer Behaviour – Marginal utility and Indifference curve analysis

Chapter 4: Elasticity of Demand

Chapter 5: Supply – Law of Supply and elasticity of supply

Chapter 6: Market Mechanism – Equilibrium price and quantity in a competitive market

Chapter 7: Laws of Returns – returns to a factor and returns to a scale

Chapter 8: Cost and Revenue analysis

Chapter 9: Forms of Market

Chapter 10: Producers Equilibrium

Chapter 11: Determination of equilibrium price and output under perfect competition

Chapter 12: Theory of Income and Employment

Chapter 13: Money: Meaning and Functions

SYLLABUS FOR MOCKS AND PRELIMS EXAMINATION:

Chapter 14: Banks: Commercial Banks and Central Bank

Chapter 15: Balance of Payments and Exchange Rates

Chapter 16: Fiscal Policy

Chapter 17: Government Budget

Chapter 18: National Income and Circular Flow of Income

Chapter 19: National Income Aggregates

Chapter 20: Methods of measuring National Income

Note: Mocks and Prelims examinations will include all chapters from Mid-term.

ECONOMICS (Class XI & XII)
FORMAT OF QUESTION PAPER (class XI & XII)
Under ISC 2019-20 regulations.

Reference books :

- i) Frank ISC Economics for class XI D.K. Sethi & U. Andrews (for class XI)
- ii) Frank ISC Economics for class XII D.K. Sethi & U. Andrews (for class XII)

Total mark in the subject is 100, which is divided into 80 marks theory and 20 marks project.

➤ **THEORY (80 marks)**

There will be two groups / sections / parts in the paper.

Part I – (20 marks) will consist of **ten (10)** compulsory short answer questions of 2 marks each testing knowledge, application and skills relating to elementary or fundamental aspects of the entire syllabus.

Part II (60 marks) will consist of **eight (08)** questions out of which the candidates will be required to answer **any five (05)** questions, each carrying 12 marks. Each of the eight questions will be divided into further sub parts of (3 + 3 + 6 = 12 marks).

➤ **PROJECT (20 marks)**

- ✓ Candidates will be expected to have completed **two (02)** projects from any of the topic covered in the theory.
- ✓ The practical work will be assessed by the teacher and a Visiting Examiner appointed locally and approved by the council (for class XII).
- ✓ Marks allocation for **each** project [10 marks].

*Please note that any other format will not be accepted.

Dated : 30.03.2019

SYLLABUS FOR 2019-2020

CLASS 12

ACCOUNTS

(AS PER ISC 2020 SCOPE OF SYLLABUS)

Text Book – Double Entry Book Keeping by T.S. Grewal for Class – XII

- a. Paper – 1 – 80 Marks (Theory & Problem)
- b. Paper – 2 – 20 Marks (Project Work & Viva – Voce)

Question Pattern

Section A (60 Marks) will consist of two parts, Part I and Part II and have a total of eight questions.

Part I (12 marks) will consist of Question 1 (compulsory)

Part II (48 marks) Candidates will be required to answer four questions out of seven from this part.

Section B (20 marks) Candidates will be required to answer two questions out of three.

HALF YEARLY EXAMINATION

SECTION – A

1. Partnership Accounts - Fundamentals
2. Goodwill: Concept and Mode of Valuation
3. Admission of a Partner
4. Joint Stock Company Accounts – Issue of shares
5. Joint Stock Company Accounts – Issue of Debentures
6. Final accounts of companies – Application of Schedule III, Part I of the Companies Act, 2013
7. Redemption of debentures

SECTION – B

1. Comparative and Common – size financial statement (one question)
7. Cash flow statement (two questions)

MOCK EXAMINATION

(Full syllabus as per ISC 2020 scope of syllabus)

Note: Scope of syllabus as per 2020 to be followed strictly.

SYLLABUS FOR THE ACADEMIC SESSION 2019-2020

SUBJECT: BUSINESS STUDIES CLASS: XII

[AS PER I.S.C, 2020 SCOPE OF SYLLABUS]

- PAPER-- 1 – 80 MARKS (THEORY)
- PAPER -2 – 20 MARKS (Project Marks& VIVA-VOCE)

TEXT BOOK— ISC BUSINESS STUDIES BY Dr. C. B. GUPTA FOR CLASS-XII[G. B. PRAKASHAN]

PAPER-1—PART-I(COMPULSORY) 20 MARKS [SHORT QUESTIONS] [10X2 =20]
PART- II (ATTEMPT FIVE QUESTIONS OUT OF EIGHT] [5 X 12 = 60] [4+4+4 OR 6+6 OR 8+4]

HALF YEARLY EXAMINATION - 2019

- | | |
|-----------|---|
| Chapter 1 | Introduction of Human Resource Management |
| Chapter 2 | Job and Manpower Planning |
| Chapter 3 | Staff Recruitment |
| Chapter 4 | Staff Selection |
| Chapter 5 | Staff Training |

Chapter 6	Staff Morale
Chapter 7	Staff Motivation
Chapter 8	Staff Remuneration
Chapter 9	Staff Leadership
Chapter 10	Staff Appraisal
Chapter 11	Staff Promotion And Transfer
Chapter 12	Staff Separation
Chapter 13	Emerging Trends in Human resources
Chapter 14	Business Communication
Chapter 15	Business Correspondence
Chapter 16	Reports And Report Writing

MOCK EXAMINATION

Chapter 17	Various Business Entities
Chapter 18	Sources of Business Finance
Chapter 19	Globalisation
Chapter 20	E- Business
Chapter 21	Outsourcing
Chapter 22	Business Regulators And Intermediaries

FOR MOCK EXAMINATION Entire syllabus (Chapters 1 - 22)

Note: Scope of Syllabus as per 2020 to be followed strictly.
