

ENGLISH LANGUAGE

**BOOK: TOTAL ENGLISH CL-11 REVISED EDITION
(P. PINTO, XAVIER PINTO)
FIRST TERM**

Month	Topic	Chapters	Period
April	Introduction to the ISC question paper pattern by dictating the sample Question Papers sent by the Council. Solve ISC 2017 & 2016 comprehension and grammar portion.		4
May	Grammar: Transformations, Phrasal verbs, Agreement of verb with subject, & at least 1 unit of grammar from T.E, 1 summary with exercise in comprehension, Activity- Debate		2
			2
			2
June	Grammar: Transformations, Prepositions, Voice, Homonyms & 1 unit of grammar from T.E; 1 model report (directed writing) 1 model proposal writing		8
			2
			2
July	Grammar: Transformations, Tenses, Prepositions, Direct and Indirect Speech, Phrasal Verbs, & 1 unit of grammar, 1 Comprehension, 1 Composition 1 Report Activity- JAM		8
			2
			2
			2
			2
Aug	Grammar: Transformations & Phrasal verbs		6

	2 units of Grammar from T.E. Book Review & Proposal writing Activity – Extempore		4 6
Sept	Revision. 1 Report explained and discussed		4

SECOND TERM

Month	Topic	Chapters	Period
Oct	Grammar: Transformations, Tenses, Prepositions, Vocab, Homophones, at least 2 units of grammar from T.E, Film Review		8 2
Nov	Grammar: Transformations, Tenses, Prepositions Article writing, 1summary writing. 1 Proposal writing Speaking skills		4 2 2 2 6
Dec	Grammar: Tenses, Prepositions, idiomatic phrases & 1unit of grammar. 1Proposal Writing Listening skills		6 2 1
Jan	Grammar: Transformations, Phrasal verbs, Comparison of Adjectives, 1 Comprehension 1 Composition from T.E Activity: Group Discussion		3 2 2 3
Feb	Grammar: Transformations, Prepositions & the remaining units of grammar 1Report. Revision. Terminal Exams will be based on the I.S.C. syllabus and		4 2 4

	pattern.		
First Term	UNIT TEST PATTERN Report Writing Transformation		20 marks 10 marks
Second Term	Proposal Writing Grammar-ISC pattern		10 marks 20 marks

ENGLISH LITERATURE

BOOKS: The Tempest (OUP)

Echoes - A Collection of ISC Short Stories (Evergreen Pub. India Ltd.)

Reverie-A Collection of ISC Poems (Evergreen Pub. India Ltd.)

FIRST TERM

Month	T o p i c	Chapters	Period
April/ May	S.S: Salvatore Remaining periods to be used to introduce the various texts and to explain question pattern /format. Introduction to The Tempest - characters, storyline etc.(to be repeated when the entire class arrives in June)		10
June	The Tempest – Introduction Act I, scene 1. Poem: The Gift of India		4 4 3
July	The Tempest – Act I, scene 2 S.S.: Quality Poem: The Spider and the Fly		7 4 4
Aug/ Sept	The Tempest – Act II, scene 1 S.S: A Gorilla in the Guest Room Poem: Dolphins		8 5 5

SECOND TERM

Month	T o p i c	Chapters	Period
Oct	The Tempest- Act II, scene2. Poem: Desiderata		5 5

Nov	The Tempest – Act III scene1 SS: Fritz		8 8
Dec	The Tempest – Act III, scene 2 S.S: The Chinese Statue		6 6
Jan	The Tempest – Act III, scene 3 Poem: John Brown		7 7
Feb	Revision FINAL ASSESSMENT WILL BE BASED ON THE ENTIRE YEAR'S SYLLABUS.		12

UT Question Pattern: The Tempest– 10 marks (reference to the context), 1essay type question of 20 marks from either 'Echoes' or 'Reverie'.

HINDI (2ND LANGUAGE)

BOOKS:

- 1) GADYA SANKALAN,
- 2) KAVYA MANJARI,
- 3) AASHAD KA EK DIN,
- 4) VYAKARAN MANJUSHA

FIRST TERM

Month	T o p i c	Chapters	Period
April 12	Gr. – Idioms, Correct the Sentences.		6 6
May 4	G.S - Putra Prem Gr	1	3 1
June 9	A.K.D K.M. – Tulsi Ke Pad	1 6	6 3
July 14	G.S. –Sharanagat K.M - Nadi ke Daweep A.K.D. Gr.	3 5 1	4 4 4 2
Aug & Sept	G.S. - Outsider K.M. - Jag Tujhako Dur Jana	5 7	4 4

12+2	Hai.		4
	A.K.D Gr. & Revision		2

SECOND TERM

Month	T o p i c	Chapters	Period
Sept & Oct 3+8	K.M. – Balleela	2	4
	G.S. - Gauri	3	4
	A.K.D.		3
Nov 12	G.S. – Sati	4	4
	K.M. -- Ek Phul ki Chah	3	4
	A.K.D.		4
Dec 9	G.S.-Bhaktin	8	4
	A.K.D.		5
	Gr.		
Jan 10	K.M. – Andhere Ka Deepak	10	5
	Gr.	7	5
Feb 12	A.K.D.	5	5
	Gr. & Revision	7	5
			2

BENGALI (2ND LANGUAGE)**BOOKS:**

- 1) Probondho O Gadya Sankolan (Power Publishers, Kolkata)
- 2) Kobita Sonkolon (Cambridge India, Educational Publishers, Kolkata)
- 3) Koni- Moti Nandi Anando Publishers)

FIRST TERM

Month	T o p i c	Chapters	Period
April (12)	Ora Kaaj Kore	1	4
	Koni- intro		3
	Grammar		2
May (6)	Jorashankor Dhare	2	3
	Grammar		3
	Koni	1	
June (9)	Pub-Pashchim	2	2
	Essay Writung		2

July (14)	Koni	2,3	2
	Tasher Ghar	3	
	Koni	4,5	3
	Thakurda	1	5
Aug (13)	Grammar		5
	Barna Parichay	4	5
	Koni	6	2
Sept (2)	Grammar		2
	Comprehension. Essay Writing,		2

SECOND TERM

Month	T o p i c	Chapters	Period
Sept (1)	Anachar	4	5
Sept (3)	Salemoner Maa	5	5
Oct (9) & Nov (13)	Koni	7	4
	Grammar		4
Dec (6)	Swadhinata Tumi	9	2
	Koni	8	4
Jan (10)	Record	5	4
	Jadi Nirbashon Dao	7	4
	Koni	9	2
	Grammar		
Feb (12)	Birjoshulka	6	4
	Koni- Revision		4
	Comprehension, Essay Writing, Grammar		3

MATHEMATICS

BOOK: ISC UNDERSTANDING MATHEMATICS CLASS XI & XII (FOR 2ND TERM)

AUTHOR: M.L. AGGARWAL (ARYA PUBLICATIONS)

FIRST TERM

Month	T o p i c	Chapters	Period
April 24	Statistics (Sec A)	14	5
	Quadratic Equation	6	10

	Sets	1	9
May 9	Relation and Functions	2	9
June 17	Relation and Functions	2	4
	Sequence and Series	10	13
July 26	Trigonometry	3	14
	(Allied Angles, Compound Angles, Multiple and Sub Multiple Angles)		
	Limit and Differentiation	13	12
Aug 24	Straight line and family of Straight Lines	11	10
	Conics (Science)	1	14
	Index Number and Moving Average (Commerce)	3	7
	Statistics (Commerce)	1	7
Sept 6	Revision		6

SECOND TERM

Month	T o p i c	Chapters	Period
Oct 14	Mathematical Induction	4	4
	Permutations and Combinations	8	8
	Binomial Theorem	9	2
Nov 23	Binomial Theorem	9	3
	Complex Number	5	6
	Trigonometric Equation	3	5
	Properties of Triangles	3	5
	Linear Inequalities	7	4
Dec 18	Linear Inequalities	7	6
	Circles	12	5
	Introduction of 3-dimension (Science)	2	4
	Correlation (Commerce)	2	4
	Indeterminate forms (XII)	5	3
Jan 20	Indeterminate forms (XII)	6	2
	Determinant (XII)	4	10
	Matrices (XII)	3	8

Feb 19	Probability Revision: Full class XI syllabus	15	5 14
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PHYSICS

BOOKS: NOOTAN PHYSICS PART 1

AUTHOR: KUMAR AND MITTAL.

FIRST TERM

Month	T o p i c	Chapters	Period
April (16)	Dimensional Analysis	5	4
	Motion in a plane	7	7
	Motion in a straight-line	6	5
May (6)	Properties of Matter		
	(i) Elasticity	15	2
	(ii) Surface Tension	18	2
	(iii) Kinetic Theory of Gases	24	2
June (9)	Thermal Expansion: Calorimetry	19	2
	Newton's Laws of Motion	8	4
	Work, Power and Energy	11	3
July (16)	Friction	9	2
	Fluid Pressure	16	2
	Uniform Circular motion	10	4
	Simple Harmonic Motion	25	4
	Free, Damped & Forced Oscillation	26	2
	Centre of Mass	12	2
	Aug (16)	Rotational Motion of a Rigid Body	13
Heat Transfer			
Physics World		20	3
Units and measurements		1	1
Significant figures		2	1
Error Analysis		4	2
Flow of Liquids		3	2
		17	3
Sept (3)	Revision		3
	Extra Classes (10)		3

SECOND TERM

Month	T o p i c	Chapters	Period
Oct (9)	Waves	27	3
	Wave Motion	28	2
	Superposition of Waves-1	29	2
	Superposition of Wave-2	30	2
Nov (14)	Vibrations of Stretched Strings	31	3
	Doppler Effect	32	2
	Gravitation	14	5
	Thermodynamics	21	4
Dec (8)	Isothermal and Adiabatic Process	22	3
	Heat Engine: Second Law of Thermodynamics.		3
		23	2
Jan (11)	(From Part 2 Book)		4
	Electric Charges and Fields:		3
	Gauss' Theorem	1	4
	Electric Potential and potential energy	2 3	
Feb (8)	Capacitors and Dielectrics	4	5
	Revision (elasticity, motion in a straight line, Motion in a plane, work power & energy, uniform circular motion, simple harmonic motion, simple direct formula of other chapters included for numerical) Extra Class -10		3

CHEMISTRY

BOOKS: ISC Chemistry for Class XI, Volume-1 (Part-I & II) by K.L.CHUGH (Kalyani Publications)

FIRST TERM

Month	T o p i c	Chapters	Period
April (8)	Some basic concepts of chemistry	1	8
May (7)	Some basic concepts of chemistry (contd.)	1	3

	Redox Reactions	8	4
June (11)	Structure of Atom	2	8
	Classification of elements and Periodicity in properties	3	3
July (18)	Classification of elements and Periodicity in properties (contd.)	3	5
	s-Block Elements	10	2
	Chemical Bonding & Molecular Structure	4	11
Aug (16)	Organic Chemistry: Some Basic Principles and Techniques	12	12
	Hydrogen	9	4
Sept (2)	Revision		2

SECOND TERM

Month	T o p i c	Chapters	Period
Oct (10)	States of Matter: Gases and Liquids	5	8
	p-Block Elements	11	2
Nov (16)	Hydrocarbons	13	10
	Environmental Chemistry	14	2
	Chemical Thermodynamics	6	4
Dec (7)	Chemical Thermodynamics (contd.)	6	7
Jan (13)	Equilibrium (Part-A and Part-B)	7	13
	Revision		
Feb (5)	Revision		5
	FINAL TERM SYLLABUS: All chapters from Class-11 Text Book		

BIOLOGY**BOOK: SRIJAN BIOLOGY, PART-I
FIRST TERM**

Month	T o p i c	Chapters	Period
April (20)	Cell: The Unit of Life	8	4
May (8)	Cell (contd...)	8	2
June (14)	Cell Cycle & cell division	10	5
	The living world	1	2
July (22)	Biological Classification	2	1
	Plant Kingdom	3	5
	Morphology of Flowering Plants	5	4
	Anatomy of Flowering Plants	6	5
Aug (20)	Photosynthesis in Higher Plants	13	6
	Digestion & Absorption	16	4
	Breathing & Exchange of Gases	17	4
	Locomotion & Movement	20	3
Sept (15)	Revision of 1 st Term syllabus		3

SECOND TERM

Month	T o p i c	Chapters	Period
Oct (13)	Animal Kingdom	4	6
Nov (19)	Animal Tissues, Morphology & Anatomy of Cockroach	7	6
	Biomolecules	9	4
	Transport in Plants	11	3
Dec (15)	Mineral Nutrition	12	4
	Respiration in plants	14	3
Jan (17)	Plant growth & Development	15	4
	Body Fluids & Circulation	18	5
	Excretion	19	4
Feb (20)	Neural control & Coordination	21	6
	Chemical Coordination	22	6

COMPUTER SCIENCE

BOOKS: COMPUTER SCIENCE WITH JAVA – BY SUMITA ARORA,
DHANPAT RAI & CO.

FIRST TERM

Month	Topic	Chapters	Period
April	Data Representation Binary Arithmetic ASCII UNICODE	1	Theory-15
	Computer Structure Functioning of computer I/O and memory devices The processor Operations for a computer	2	
May	Operating System DOS Windows	4	Theory-6 Practical-4
June	Propositional Logic Basic Logic Gates	5	Theory-8 Practical-6
	Basic Architecture of Simple Microprocessor	3	
	Internal Functioning of Computer (Control Unit, System Clock, Flip –Flops, Memory Organization)	6	
July	Introduction to algorithmic Solving using Java	7,8,9,11	Theory-12 Practical-8
	a) Objects b) Primitive values, wrapper classes, types and casting. c) Variables, expression d) Statement Scope Conditional Construct & Iterative Statements.	10	
Aug	Functions, Strings	12	Theory-12 Practical-8
	Arrays a) One dimensional Array b) Two dimensional Array Searching (linear, binary)	14	

	Sorting (Bubble, Selection Insertion)		
Sept	Revision Work		

SECOND TERM

Month	T o p i c	Chapters	Period
Oct	Memory organization		Theory- 9 Practical-6
Nov	System and Other Software		Theory- 12 Practical-8
Dec	System and Other Software (contd)		Theory- 6 Practical-4
Jan	Simple Data Structures Concrete computational complexity	16 17	Theory- 9 Practical-6
Feb	JVM, compile time and run time errors, Exceptions class, catch and throw		Theory- 9 Practical-6

ACCOUNTS**BOOK: DOUBLE ENTRY BOOK-KEEPING BY T.S. GREWAL VOL.1
FIRST TERM**

Month	T o p i c	Chapters	Period
April (6days)	Introduction	1,3,4,5,6	2
	Basic Accounting Concept		2
	Journal & Ledger	12	12
	Trial Balance		3
May (10 days)	Cash Book,	9,10, 11	5
	Bank Reconciliation		5
	Statement		7
June (14 days)	Trading, P/L and Balance Sheet	14,15,16	5
			5
July (20 days)	Final Accounts (with adjustments)	21	10

Aug (21days)	Bills of Exchange	23	12
Sept (4 days)	Revision		8

SECOND TERM

Month	T o p i c	Chapters	Period
Oct (12 days)	Generally Accepted Accounting Principles	2	2
	Rectification of Errors,	22	8
	The Use of Journal Proper	17	4
Nov (17 days)	Depreciation	20	10
	Capital & Revenue Transactions	13	3
Dec (11 days)	Non-Trading Organizations	25	7
	Non-Trading Organizations	25	8
Jan (17 days)	Single Entry System	24	14
	Provision & Reserve	18	4
Feb (16 days)	Books of Original Entry	7,8	10
	Computers in Accounting Revision	26	

COMMERCE**BOOKS: ISC COMMERCE VOL.1 BY C.B. GUPTA****FIRST TERM**

Month	T o p i c	Chapters	Period
		Relevant contents of text book & reference	6/week
Apr (20)	Economic and Non- Economic Activities	1	3
	Nature and Purpose of business	2	4
	Classification of Business Activities	3	4
	Introduction to forms of business	4	6

	Sole Trader	5	5
May (8)	Partnership	6	3
	Joint Stock Company	7	3
June (14)	Joint Stock Company	7	8
	Types of Joint Stock Companies	8	3
	Formation of a Joint Stock Company	9	5
July (22)	Formation of a Joint Stock Company	9	7
	Public and Private Enterprises	10	7
	Cooperative Organizations	11	6
	Social Responsibility of Business and Business Ethics	12	4
		13	10
Aug (20)	E-Business and Outsourcing	14	10
	Stock Exchange		
Sept (4)	Revision		4

SECOND TERM

Month	Topic	Chapters	Period
Oct (13)	Wholesale Trade	15	4
	Retail Trade	16	4
	Procedure of Home Trade	17	5
Nov (19)	Chamber of commerce	18	4
	Foreign Trade	19	4
	Export Trade	20	6
	Import Trade	21	5
Dec (15)	World Trade Organisation	22	5
	Business Risk	23	5
	Insurance - Types	24	5
Jan/ Feb(18)	REVISION		

ECONOMICS

**BOOK: FRANK ISC ECONOMICS PART I
BY D. K SETHI AND U. ANDREWS**

FIRST TERM

Month	T o p i c	Chapters	Period
April (7)	INTRODUCTION		1
	Basic concepts	2	6
May (8)	Definitions of Economics	1	2
	Basic Problems	3	5
	Project 1		1
June (14)	Types of Economies	4	5
	Solutions to Basic economic problems	5	5
	Economic growth, development and sustainable development	7 + 9	4
July (22)	Parameters of development	8	5
	Definition, scope, importance and limitation of statistics	17	6
	Measures of Central Value	19	6
	Planning and Economic development in India	10	5
Aug (20)	Structural changes in the Indian Economy after Liberalization	11	10
	The state of Indian Economy	6	3
	Activities		7
Sept (5)	Interactive class and written work		5
	Revision		

SECOND TERM

Month	T o p i c	Chapters	Period
Oct (13)	Human Capital Formation	14	6
	Project 2		1
	Employment and unemployment in India	15	6
Nov (19)	The Problem of Poverty in India	12	6
	Profile of Indian agriculture/ rural development	13	7
	Comparative Study of Indian	16	6

	and Chinese economy		
Dec (15)	Measures of Dispersion	20	8
	Correlation	21	7
Jan (17)	Index Number	22	6
	Some Math. Tools	23	4
	Activity		7
Feb (10)	Revision		10

