



DREAMLAND SCHOOL
ACADEMIC YEAR 2017-18
SYLLABUS OF CLASS -XI(SCIENCE)

English Language (HALF- YEARLY)					C.W	H.W
JUNE	TRANSFORMATION OF SENTENCES				1	1
JULY	SUBJECT VERB AGREEMENT				1	1
	PHRASAL VERBS AND PREPOSITIONS				1	0
	REPORT ON CURRENT EVENTS(NEWSPAPER REPORT),PURPOSE W				1	0
AUG	BOOK REVIEW AND FILM REVIEW				2	0
SEPTEMBER	COMPOSITION AND PRECI WRITING				2	0
English Language(FINAL TERM)						
OCTOBER	REVIEW OF THEATRE,CONCERT,CULTURAL PROGRAMME OR T.V SHOW				2	0
NOVEMBER	SPEECH WRITING,TESTIMONIAL,PERSONAL PROFILE				2	0
DECEMBER	TRANSFORMATION OF SENTENCES AND PREPOSITIONS				2	0
JANUARY	F.I.R AND TRAVELOGUE				2	0

First Unit test Syllabus :(1)Tenses(2) Prepositions,(3) TRANSFORMATION OF SENTENCES

Second Unit test syllabus :(1) Report writing (2) PHRASAL VERBS AND PREPOSITIONS

English Literature

Book: ISC ECHOES-A COLLECTION OF SHORT STORIES

HALF YEARLY EXAMINATION

Month	Topic	Chapter	Page	Period	C.W	H.W
JUNE	SALVATORE	1	5-8	2	1	0
JULY	FRITZ	2	12-17	3	0	0
AUG	FRITZ	2	18-23	4	1	0

FINAL EXAMINATION

SEP	B WORDSWORTH	10	116-121	2	1	0
Oct	B WORDSWORTH	10	122-124	3	0	0
Nov	QUALITY	5	25-29	3	1	0
DEC	QUALITY	5	30-33	1		
JAN	THE STORY OF AN HOUR	3	54-57	2	1	
FEB	Revision					

BOOK:-REVERIE-A COLLECTION OF ISC POEMS

HALF YEARLY EXAMINATION

JUNE	THE DARKLING THRUSH	1	07-Jun	4	1	0
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JULY	THE GIFT OF INDIA	4	14	3	0	0
AUG	THE GIFT OF INDIA	4	14	5	1	0

FINAL EXAMINATION

SEP	DOVER BEACH	8	26	3	1	0
Oct	DOVER BEACH	8	27	3		0
Nov	CROSSING THE BAR	5	16	3	1	0
DEC	BIRCHES	2	9	2	1	
JAN	BIRCHES	2	10		1	
FEB	Revision					

Book: **THE TEMPEST**

HALF YEARLY EXAMINATION

Month	Topic	Page				
	Act 1	23-49			2	1
	FINAL EXAMINATION					
	ACT 2, ACT 3 SCENE 2.	50-86			2	1

First Unit Syllabus of First Terminal:(1)SALVATORE (2)THE DARKLING THRUSH (3)ACT 1 SC 1

ANUSUA SABUI,AGNIJITA BANDHOPADHYAY,SWAGATA NAG

Half Yearly - Gauri & Sharanagat

MONTH	TOPIC	CHAPTER	PAGES	PERIODS	CW	HW
Sept	Sati	4	33-42	2	1	1
Oct	Out Sider				1	2
Nov	Kya Nirash Hua Jaye	7	71-77	2	1	1
Dec	Sanskriti Kya Hai (Revision Chapter)					
Jan	Revision					

2nd Unit Test - Sati

Final Examination - Out Sider

Kya Nirash Hua Jaye , Sanskriti Kya Hai

KAVYA MANJARI

MONTH	TOPIC	CHAPTER	PAGES	PERIODS	CW	HW
June	Sakhi	1	5 - 6	2	2	1
July	Nadi Ke Dweep	5	18-19	2	2	1
	Ek Phool ki Chah	3	10-13	2	2	2
AUG	Aah Dharati Kitna Deti Hai	4	14-17	2	1	2

1st Unit Test - Sakhi

Half Yearly - Nadi Ke Dweep

Ek Phool Ki Chah

MONTH	TOPIC	CHAPTER	PAGES	PERIODS	CW	HW
Sept	Jag Tujhko Door Jana Hai					
Oct	Udyami Nar	7	22-23	2		
Nov	Bal Leela	2	7-8	2		
Dec	Aah Dharti Kitna Deti Hai (Revision Chapter)	8	24-25	2		

2nd Unit Test - Jag Tujhko Door Jana Hai

Final Examination - Udyami Nar

Bal Leela, Aah Dharti Kitna Deti Hai

Aashadh Ka Ek Din

MONTH	TOPIC	CHAPTER	PAGES	PERIODS	CW	HW
Apr	Ank Ek		7-10	1	1	-
May	"		11-15	1	1	1
June	"		16-20	1	1	1
July	"		21-30	2	1	2
Aug	"		31-49	2	1	2

Half Yearly - Ank Ek all

MONTH	TOPIC	CHAPTER	PAGES	PERIODS	CW	HW
Sept	Ank Do		50-60	2	1	2
Oct	"		61-70	1	1	1
Nov	"		71-80	2	1	1
Dec	"		81-86	2	1	2

Final Examination - Ank Ek

Ank Do all

KALPANA SINHA

MATHEMATICS

BOOK NAME: ISC MATHEMATICS (M.L.AGGARWAL)

HALF -YEARLY EXAMINATION

MONTH	TOPIC	CHAPTER	PAGES	PERIODS	CW	HW
JUNE	TRIGONOMETRY	3(3.1-3.6)	102-177	10	8	2
JULY	QUADRATIC EQUATIONS	6(6.1-6.5)	334-367	7	5	2
	COMPLEX NUMBERS	5(5.1-5.6)	269-321	4	8	2
	STRAIGHT LINE	1(11.1-11.6)	639-686	5	9	3
	BINOMIAL THEOREM			5	4	2
AUGUST	LIMIT AND DERIVATIVE	3(13.1-13.5)	795-861	8	8	5
	REVISION			4		
SEPTEMBER	CONIC SECTION(SEC-B)	1	1001-1055	6	8	2
	STATISTICS(SEC-C)	1(1.1-1.5)	1127-1158	6	8	2
UT -1	CHAPTER- 3, 6, 11, 13(LIMIT)					
FINAL TERM						
MONTH	TOPIC	CHAPTER	PAGES	PERIODS	CW	HW
OCTOBER	SET, RELATION, FUNCTION	1 & 2	1-100	5	5	2
	PRINCIPLE OF MATHEMATICAL INDUCTION	4	241-268	5	5	2
	TRIGONOMETRY	3(3.7-3.9)	177-223	5	5	2
NOVEMBER	LINEAR INEQUALITIES	7	376-404	5	5	2
	PERMUTATIONS AND COMBINATIONS	8(8.1-8.7)	411-474	8	8	4
	SEQUENCE AND SERIES	10(10.1-1.9)	525-622	7	5	2
	STRAIGHT LINE	11(11.7-11.11)	640-730	2	3	1
DECEMBER	CIRCLE	12(12.1-12.12)	750-782	5	4	1
JANUARY	STATISTICS AND PROBABILITY	14 & 15	934-993	10	8	2
	3D GEOMETRY AND MATHEMATICAL REASONING	2 & 3	1068-1119	3	2	1
	CORRELATION ANALYSIS	2	1165-1182	3	3	1
	INDEX NUMBER AND MOVING AVERAGE(SECOND)	3	1185-1207	3	3	1
FEBRUARY	REVISION			5		

UT -2 **CHAPTER- 1, 2, 3, 11**

JHUMKI BHATTACHARYY

CLASS-XI PHYSICS SYLLABUS

BOOK NAME: NOOTAN ISC PHYSICS(XI)

HALF YEARLY

MONTH	TOPIC	CHAPTER	PAGES	PERIODS	CW	HW
JUNE	Dimension Analysis	5	70-90	2	1	1
	Motion in a straight line	6	91-125	2	1	1
	Motion in a plane	7	126-186	2	1	1
	Elasticity	15	461-487	3	1	1
JULY	Fluid pressure	16	488-501	2	1	1
	Flow of liquid	17	502-532	2	1	1
	Surface Tension	18	533-558	3	1	1
	Gravitation	14	406-460	3	1	1
	Newton's laws of motion	8	187-229	3	1	1
	Friction	9	230-254	2	1	1
AUGUST	Uniform circular motion	10	255-287	2	1	1
	Work, Power, Energy	11	288-341	3	1	1
	Centre of mass	12	342-354	2	1	1
	Rotational motion of a rigid body: Moment of	13	355-405	2	1	1
	Kinetic theory of Gases	24	673-716	2	1	1

1st UT:CH-5,6,7,15

FINAL TERM

MONTH	TOPIC	CHAPTER	PAGES	PERIODS	CW	HW
SEPTEMBER	Thermal Expansion	19	559-577	2	1	1
	Heat Transfer	20	578-607	2	1	1
	Thermodynamics	21	608-632	2	1	1
OCTOBER	Isothermal and Adiabatic processes	22	633-657	1	1	1
	Heat Engine	23	658-672	2	1	1
NOVEMBER	Simple Harmonic motion	25	717-773	4	1	1
	Free, Damped and Forced Oscillation	26	774-779	2	1	1
	Waves	27	780-799	2	1	1
DECEMBER	wave motion	28	800-814	2	1	1
	superposition of waves1: Interference and be	29	815-828	3	1	1
	superposition of waves2: Standing waves	30	829-862	3	1	1
JANUARY	Vibration of stretched strings	31	863-888	3	1	1
	Doppler effect	32	889-908	2	1	1
FEBRUARY	revision					

2nd UT:CH-19,20,21,22,23

FINAL EXAM INCLUDES BOTH HALF YEARLY AND FINAL TERM SYLLABUS

PHYSICS PRACTICAL

HALF YEARLY

MONTH	TOPIC
JUNE	To find the diameter of a bob using vernier calliper
	To find the diameter of a wire using screw gauge
JULY	To find the value of 'g' using simple pendulum
AUGUST	To study the spring constant
SEPTEMBER	To study the properties of Inclined plane

FINAL TERM

MONTH	TOPIC
OCTOBER	To study U-V method
NOVEMBER	To study Displacement method

PROJECT- AS PER SYLLABUS WILL BE TOLD IN THE CLASS

TANMOY RANA

Class XI Year - 2017-18

Chemistry

Book- Nootan Chemistry (Theory)

Month	Topic	Chapter	Period	Ref no	CW	HW
APR	Some Basic Concepts Of Chemistry	1	2	C - 1	2	2
	Introduction To Organic Chemistry	12 - A	2	C - 2	2	2
MAY	Atomic Structure	2	8	C - 3	4	4
	Isomerism	12 - B	3	C - 4	4	4
JUNE	Periodic Table	3	6	C - 5	4	4
JULY	Hydrogen	9	2	C - 6	2	2
	Chemical Bonding	4	8	C - 7	6	6
	Redox Reaction	8	6	C - 8	6	6
1st UT: Chapter 1, 2, 12 A & B						
Half yearly: Chapter : 1, 2, 3, 4, 12 A & 12 B, 8, 9						
Month	Topic	Chapter	Period	Ref no	CW	HW
SEP	Some p-block elements	11	3	C - 9	2	2
	States of matter	5	6	C - 10	3	3
OCT	Types Of Chemical Reactions and Their Mech	12 - C	6	C - 11	2	2
	Aliphatic & Aromatic Hydro carbon	13	4	C - 12	6	6
	Chemical Thermodynamics	6	8	C - 13	6	6
NOV	Equilibrium	7	6	C - 14	3	3
DEC	Environmental Chemistry	14	4	C - 15	2	2
	Haloalkanes & haloarenes (from XII)	10	6	-16	5	5
2nd UT : Chapter 11, 5, 12-C, 13						

Annual : full book

Chemistry Practical will be discussed in the class.

SOUMYAJIT SETH

COMPUTER SCIENCE

BOOK NAME: UNDERSTANDING ISC COMPUTER SCIENCE

HALF YEARLY

MONTH	TOPIC	CHAPTER	PAGES	PERIOD	CW	HW
JUNE	NUMBER SYSTEM AND AIRTHMETIC	1	3	2	2	3
	INTERNAL STRUCTURE OF A COMPUTER	2	45	2	2	3
JULY	SIMPLE HYPOTHETICAL COMPUTER	3	70	2	2	3
	BASIC CONCEPT OF OBJECT AND CLASSES	6	189	2	2	3
	CONCEPT OF DATA TYPES	7	213	2	2	3
AUG	BASIC CONCEPT OF OPERATING SYSTEM	4	100	2	2	3
	PROPOSITIONAL LOGIC, LOGIC GATES, BOOLEAN	5	157	2	2	3
	PROGRAMING AND DECISION MAKING IN JAVA	9	237	2	2	3
	ITERATION THROUGH LOOPS	10	283	2	2	3
	CHARACTER HANDLING AND STRING MANIPULATION	11	320	2	2	3

1ST UT CHAPTERS: 1,2,3

PROJECT: 10 JAVA PROGRAMS

FINAL

SEP	DATA STRUCTURE	15	507	4	2	3
OCT	COMPUTATIONAL COMPLEXITY	17	567	4	2	3
NOV	DIMENSIONAL ARRAY	12	367	2	2	3
DEC	FUNCTIONS OR METHODS	13	433	3	2	3
JAN	SOCIAL CONCEPT OF COMPUTING AND ETHICS	19	588	3	2	3
	CLASS AS A USER DEFINED FUNCTION	14	468	3	2	3
FEB	REVISION				2	3

2ND UT CHAPTERS : 15,17,12

PROJECT: 10 JAVA PROGRAMS

SUDESHNA MUKHOPADHYAY

SUBJECT:GEOGRAPHY

ISC GEOGRAPHY CLASS XI : D.R.KHULLAR (KALYANI)

HALF-YEARLY EXAMINATION

MONTH	TOPIC	CHAPTER	PAGES	PERIODS	C.W	H.W
JUN	ENDOGENEOUS PROCESSES & ASSOCIATED LANDFORMS	5	82-99	4	2	2
	DRIFTING OF CONTINENTS & PLATE TECTONICS	6	100-114	3	2	1
JULY	ISOSTACY	7	115-119	2	1	1
	EXOGENEOUS PROCESSES & ASSOCIATED LANDFORMS	9	150-156	2	1	1
	MAP POINTING			2	1	1
AUG	ATMOSPHERIC PRESSURE & WIND	19	266-298	4	2	2
	TEMPERATURE, SALINITY & DENSITY OF OCEAN WATER	23	337-347	2	1	1

UT I : CH - 5,6,7

PRACTICAL WORK : 1. STATISTICAL DIAGRAM 2.

MAP PROJECTION (Cylindrical Equal Area, Simple Conical with one Standard Parallel)

PROJECT WORK : Make a project based on Lakshadweep island which should include the following topics-

i. Physical features ii. Origin & formation iii. Soil type iv. Vegetation v. Human occupation vi. Towns

MAP WORK : MOUNTAINS : Himalaya, Hindukush, Alps, Ural, Andese, Rockies, Appalachian, Great Australian Alps, Great

PLATEAUS: Tibetan, Anatolian, Deccan, Colorado, Pamir

WATER BODIES: Indian Ocean, Hudson Bay, Persian Gulf, Gulf of California, Gulf of Mexico, Panama

RIVERS : Mississippi, Missouri, Amazon, Orange, Zaire, Rhine, Indus

ISLANDS : Hawaii, New Foundland, Madagascar, Papua New Guiana, Tasmania

ISC GEOGRAPHY CLASS XII : D.R.KHULLAR (KALYANI)

FINAL EXAMINATION

MONTH	TOPIC	CHAPTER	PAGES	PERIODS	C.W	H.W
SEP	Locational Setting of India	1	5-13,	1	1	1
	Geological evolution & structure	2	14-20	1	1	1
	Relief	3	21-42	3	1	2
OCT	Drainage	4	43-55	2	1	1
	Climate	5	56-97	4	2	2
NOV	Natural vegetation	6	98-111	3	1	1
	Population	7	115-140	2	1	1
DEC	Migration Trend	8	141-150	2	1	1
	Water resource & type of irrigation	13	220-252	3	1	2
JAN	Transport & communication	17	347-389	3	1	1
	Map pointing			2	1	1

UT II: CH-1,2,3,4,5

PRACTICAL WORK : Scale, GIS & Remote Sensing of class XII

MAP WORK (INDIA) : Locational settings of India,

RIYA BAZAL, AMIT CHAUDHURY

**SYLLABUS IS PRIOR TO CHANGE WITH PREVIOUS NOTICE

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