

**12 SCIENCE
DREAMLAND SCHOOL
FIRST TERM SYLLABUS
SESSION 2022-23**

ENGLISH

ENGLISH LITERATURE

BOOK : THE TEMPEST, ECHOES, REVERIE

MONTH	REF NO	TOPIC	PAGES	PERIOD	CW	HW
APRIL	TEMPEST	ACT 4 SCENE 1	64-76	2	2	1
	ECHOES	STORY - STORY OF AN HOUR	53-57	2	2	1
	REVERIE	POEM - DOVER BEACH	25	2	2	1
MAY	TEMPEST	ACT 4 SCENE 1	64-76	2	2	1
	ECHOES	STORY - B WORDSWORTH	114-124	2	2	1
	REVERIE	CROSSING THE BAR	15	2	2	1
JUNE	TEMPEST	ACT 4 SCENE 1	64-76	2	2	1
	ECHOES	STORY - THE SOUND MACHINE	98-114	2	2	1
	REVERIE	POEM - BIRCHES	8	2	2	1
JULY	TEMPEST	ACT 5 SCENE 1	77-91	2	2	1
	ECHOES	STORY -THE SINGING LESSON	90-97	2	2	1
	REVERIE	POEM - WE ARE THE MUSIC MAKERS	31	2	2	1
AUGUST	TEMPEST	ACT 5 SCENE 1	77-91	2	2	1
	ECHOES	STORY - TO BUILD A FIRE	34-52	2	2	1
	REVERIE	POEM - DARKLING THRUSH	5	2	2	1
SEPTEMBER	TEMPEST	REVISION		2	2	1
	ECHOES	STORY - TO BUILD A FIRE	34-52	2	2	1
	REVERIE	POEM - DARKLING THRUSH	5	2	2	1

INTERNAL ASSESSMENT - TOPICS TO BE GIVEN IN THE CLASS

ENGLISH LANGUAGE

BOOK : TOTAL ENGLISH 12

MONTH	REF NO	TOPIC	PAGES	PERIOD	CW	HW
APRIL	E 12	PREPOSITION		2	2	1
MAY	E 12	PREPOSITION		2	2	1
JUNE	E 12	COMPOSITION		2	2	1
		PROPOSAL WRITING		2	2	1
		AGREEMENT OF THE VERB WITH SUBJECT		2	2	1
JULY	E12	TENSE AND THEIR USE		2	2	1
		BOOK REVIEW		2	2	1
		FILM REVIEW		2	2	1
		TRANSFORMATION OF SENTENCES I		2	2	1
AUGUST	E12	TRANSFORMATION OF SENTENCES II		2	2	1
		TRANSFORMATION OF SENTENCES III		2	2	1
		PERSONAL PROFILE		2	2	1
SEPTEMBER	E12	SOLVING SPECIMEN PAPERS		2	2	1
		SOLVING SPECIMEN PAPERS		2	2	1

INTERNAL ASSESSMENT - TOPICS TO BE GIVEN IN CLASS

**ANUSUA SABUI
EVAN MAITY**

HINDI

Book : GADHYA SANKALAN

<u>MONTH</u>	<u>REF.NO</u>	<u>TOPIC</u>	<u>CHAP.</u>	<u>PAGE</u>	<u>PERIOD</u>	<u>C.W</u>	<u>H.W</u>
April	HG - 2	GAURI	2	13-23	2	2	1
May	HG - 6	DASI	6	53-70	4	2	1
June	HG - 8	Baktin	8	79 - 90	3	2	1
July	HG - 7	Kya Nirash Hua Jae	7	72 - 77	3	2	1
Aug	HG - 3	Sharnagat	3	25 - 32	3	2	1

Book - Kavya Manjari

<u>MONTH</u>	<u>REF.NO</u>	<u>TOPIC</u>	<u>CHAP.</u>	<u>PAGE</u>	<u>PERIOD</u>	<u>C.W</u>	<u>H.W</u>
April	HK - 7	Jaag Tujhko Dur Jana Hai	7	22 - 23	3	2	1
May	HK -10	ANDHERE KA DEEPAK	10		3	2	1
June	HK - 6	Tulsi Ke Pad	6	20 - 21	3	2	1
July	HK -2	Baal Leela	2	7 - 8	3	2	1
Aug	HK - 5	Nadi Ke Duipe	5	18 - 19	3	2	1

BOOK - ASHADH KA EK DIN

<u>MONTH</u>	<u>REF.NO</u>	<u>TOPIC</u>	<u>CHAP.</u>	<u>PAGE</u>	<u>PERIOD</u>	<u>C.W</u>	<u>H.W</u>
MAY	--	Ank Do	--	--	2	1	1
JUNE	--	"	--	--	1	1	1
JULY	--	ANK TIN	--	--	1	1	1
AUG	--	"	--	--	2	2	1

KALPANA SINHA

BENGALI

Book-kobita Sankolon

Month	Ref No	Topic	Chapter	Pages	period	CW	HW
April	BK 9	Swadhinata Tumi	9	17	2	1	1
May	Bk 10	Noon	10	19	2	1	1
Jun	Rev	Rev+Bakyaron	1,2	1,3	2	1	1
Jul	Rev	Rev+Bakyaron	3,4	5,7	2	1	1
Aug	Rev	Rev+Bakyaron	5,6	9,11	2	1	1
Sep	Rev	Rev+Bakyaron	7,8	13,15	2	1	1

Book Name-probondho O Goddyo Sankolon

Month	Ref No	Topic	Chapter	Pages	Period	CW	HW
April	BG 9	Ekta Tushi Gachher Kahini	9	83	2	1	1
May	BG 10	Na Paharar porixkha	10	93	2	1	1
June	Rev	Rev	1,2	5,16	2	1	1
Jul	Rev	Rev	3,4	19,32	2	1	1
Aug	Rev	Rev	5,6	41,49	2	1	1
Sep	Rev	Rev	7,8	59,68	2	1	1

Book Name-Mukut

Month	Ref No	Topic	Chapter	Pages	Period	CW	HW
April	DM	Rev	1	1	2	1	1
May	DM	Rev	2	15	2	1	1
June	DM	Rev	3	33	2	1	1
Jul	DM	Rev	1	1	2	1	1
Aug	DM	Rev	2	15	2	1	1
Sep	Rev	Rev	3	33	2	1	1

Project

Class 12 A-Swadhinata Tumi kobitar Bisoybastu

MEENA MITRA

MATHEMATICS

BOOK NAME : ISC MATHEMATICS ML AGGARWAL

MONTH	REF NO	TOPIC	CHAPTER	PERIOD	CW	HW
APR	M1	RELATION AND FUNCTION	1	6	4	1
MAY	M2	INVERSE TRIGONOMETRIC FUNCTION	2	3	4	2
	M3	MATRICES	3	3	3	1
JUN	M4	DETERMINANTS	4	4	4	2
	M5	CONTINUITY	5	3	3	1
JUL	M5	DIFFERENTIABILITY	5	7	4	2
	M5	DIFFERENTIATION	5	5	5	1
AUG	M7	APPLICATION OF DERIVATIVES	7	5	4	1
	M7	APPLICATION OF DERIVATIVES	7	5	3	2
SEPT	MB1/ C1	VECTOR/APPLICATION OF CALCULUS IN ECONOMICS AND COMMERCE	SEC- B1/C1	4	4	3

JHUMKI BHATTACHARYYA

ANIRUDYA ROY

PHYSICS

BOOK NAME: NOOTAN ISC PHYSICS (XII)

MONTH	REF NO.	TOPIC	CHAPTER	PAGE NO.	PERIOD	CW	HW
APRIL	P1	Electric charges and fields	1	03 to 46	2	1	1
	P2	Gauss's theorem	2	47-79	2	2	0
	P3	Electric resistances and ohm's law	5	177-230	1	1	0
	P4	D.C. Circuit and measurements	6	231-283	1	1	0
MAY	P5	Electric potential and Potential energy	3	80-118	2	1	1
	P6	Magnetic field and earth's magnetism	9	385-409	2	1	1
JUNE	P7	Capacitor and dielectric	4	119-176	2	1	1
	P8	Magnetic classification of substances	10	410-426	1	1	0
JULY	P9	Moving charges and magnetism	7	284-358	3	2	1
	P10	Torque on a current loop	8	359-384	2	1	1
	P11	Semiconductor electronics	31	984-998	1	1	0
	P12	Junction diode	32	999-1019	2	1	0
AUGUST	P13	Spherical Mirrors	14	570-587	3	2	1
	P14	Refraction of light at a plane interface	15	588-618	2	1	1
	P15	Junction transistor	33	1020-1037	2	1	0
	P16	Logic Gate	34	1038-1056	1	1	0
SEPTEMBER	P17	Refraction of light at spherical surface	16	613-665	3	2	1
	P18	Optical Instrument	18	691-721	2	1	1
	P19	Refraction and dispersion of light in prism	17	666-690	1	1	0
	P20	Communication system	35	1057-1087	2	1	0

1ST UT-Chapter-1,2,3,4,5,6,9,10

PHYSICS PRACTICAL

MONTH	REF NO.	TOPIC
APRIL	PP1	To determine focal length of a convex lens by u-v method
	PP2	To determine focal length of a convex lens by displacement method
MAY	PP3	To determine focal length of a convex lens by using another convex lens
	PP4	To determine focal length of a concave lens by using another convex lens
JUNE	PP5	To determine focal length of a concave mirror by two needle method
	PP6	To Verify ohm's Law
JULY	PP7	To Verify ohm's Law using meter bridge
	PP8	To determine unknown resistance and its resistivity using meter-bridge
AUGUST	PP9	To verify the laws of combination of resistances
	PP10	To measure potential gradient using meter bridge
SEPTEMBER	PP11	To measure E.M.F. of a dry cell using the value of potential gradient
	PP12	To measure E.M.F. of a cell using meter bridge
	PP13	To measure internal resistance of a cell using potentiometer

TANMOY RANA
SUDEB CHATTERJEE

CHEMISTRY

BOOK NAME: NOOTAN ISC CHEMISTRY (XII)

MONTH	REF NO.	TOPIC	CHAPTER	PAGE NO.	PERIOD	CW	HW
APRIL	C3	Chemical Kinetics	4	202 to 263	3	2	0
	C4	Haloalkanes & Haloarenes	10	531 to 594	6	3	1
	C2	Solutions	2	51 to 122	4	2	0
MAY	C8	Alcohols, Phenols Ethers	11	595 to 681	6	2	1
	C14	Electrochemistry	3	123 to 201	8	4	1
JUNE	C9	Aldehydes, Ketones & Carboxylic Acids	12	682 to 807	14	5	2
	C1	Solid State	1	03 to 50	4	1	0
JULY	C10	Coordination Chemistry	9	483 to 528	6	2	1
	C11	Surface Chemistry	5	264 to 304	2	1	0
AUGUST	C15	Organic Compounds Conatining Nitrogen	13	808 to 888	10	4	2
	C12	p-Block elements	7	339 to 436	4	2	0
	C13	General Principles & Process of Isolation of Elements	6	307 to 338	2	1	0
	C16	Biomolecules	14	889 to 944	8	2	1
SEPTEMBER		REVISION					

1ST UT-Chapter- 4, 10, 2, 11, 3

CHEMISTRY PRACTICAL		
MONTH	REF NO.	TOPIC
JUNE	CP1	Redox Titration
JULY	CP2	Qualitative Analysis of Organic Sample
AUGUST	CP2	Qualitative Analysis of Organic Sample
AUGUST	CP3	Qualitative Analysis of Inorganic Sample
SEPTEMBER		REVISION

SOUFYAJIT SETT

BIOLOGY

BOOK NAME: SRIJAN BIOLOGY- V.B RASTOGI

MONTH	REF NO	TOPIC	CHAPTER	PAGES	PERIOD	CW	HW
APRIL	BL1	REPRODUCTION IN ORGANISMS	1	U1 1-38	2	1	1
	BL2	SEXUAL REPRODUCTION IN FLOWERING PLANTS	2	U1 39-95	3	2	1
	BL3	HUMAN REPRODUCTION	3	U1 96-150	3	2	1
MAY	BL4	EVOLUTION	7	U2 343-434	3	2	1
JUNE	BL5	PRINCIPAL OF INHERITANCE VARIATION	5	U2 181-263	3	2	1
	BL6	MOLECULAR BASIS OF INHERITANCE	6	U2 264-342	6	2	1
JULY	BL7	BIOTECHNOLGY: PRINCIPAL AND PROCESSES	11	U4 582-615	5	2	1
	BL8	BIOTECHNOLGY AND ITS APPLICATIONS	12	U4 616-650	4	2	1
	BL9	REPRODUCTIVE HEALTH	4	U1 151-180	2	1	1
	BL10	MICROBES IN HUMAN WELFARE	10	U3 556-581	2	1	1
AUG	BL11	HUMAN HEALTH AND DISEASES	8	U3 435-511	3	1	1
	BL12	ENVIORNMENTAL ISSUES	16	U5 814-882	4	1	1
	REV	REVISION					

IST SELECTION - ALL CHAPTERS DONE IN CLASS

FIRST SELECTION

MONTH	REF NO	TOPIC
APRIL	BLP1	ISOLATION OF DNA FROM AVAILABLE PLANT MATERIAL
MAY	BLP2	DIFFERENT TEMPERATURE & PH ON STARCH SOLUTION
	BLP3	STUDY OF SOLANACEAE FAMILY
	BLP4	IDENTIFICATION
JUNE	BLP5	STUDY OF SOIL OF TWO DIFFERENT SITES
	BLP6	IDENTIFICATIONS
	BLP7	GERMINNATION OF POLLEN GRAIN IN A NUTRIENT MEDIA
JULY	BLP8	T.S OF A XEROPHYTIC LEAF
	BLP9	T.S OF HYDROPHYTE STEM
AUG	BLP10	STUDY OF ARRANGEMENT OF STOMATA IN DICOT & MONOCOT LEAVES
	BLP11	T.S OF OVARY OF ANY FLOWER

PSYCHOLOGY

BOOK NAME: ISC PSYCHOLOGY[CHAYA PRAKASHANI]

MONTH	REF NO.	TOPIC	CHAPTER	PAGES	PERIOD	C W	HW
APRIL	PSY1	INTELLIGENCE & ABILITY	1	1 TO 50	3	0	2
MAY	PSY2	LIFE SPAN & DEVELOPMENT	3	1 TO 88	5	0	1
	PSY3	PERSONALITY	2	2 TO 55	3	0	2
	PSY2	LIFE SPAN & DEVELOPMENT	3	1 TO 88	3	1	1
	PSY4	STRESS & STRESS MANAGEMENT	4	1 TO 38	3	0	1
JUNE	PSY4	STRESS & STRESS MANAGEMENT	4	1 TO 38	5	1	1
	PSY5	PSYCHOLOGICAL DISORDER & PHSIOTHERAPY	5	1 TO 50	2	1	1
JULY	PSY5	PSYCHOLOGICAL DISORDER & PHSIOTHERAPY	5	1 TO 50	3	2	0
	PSY6	SOCIAL THOUGHTS & SOCIAL BEHAVIOUR	6	1 TO 24	5	1	0
	PSY6	SOCIAL THOUGHTS & SOCIAL BEHAVIOUR	6	1 TO 24	8	0	1
AUGUST	PSY7	ATTITUDE & PREJUDICE	7	1 TO 57	7	1	1
SEPTEMBER	PSY8	APPLICATION OF PSYCHOLOGY	8	1 TO 85	8	2	0
	PSY8	APPLICATION OF PSYCHOLOGY	8	1 TO 85	3	0	1

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

MONTH	REF NO	TOPIC	CHAPTE	PAGES	PERIOD	CW	HW
APRIL	G1	LOCATIONAL SETTING OF INDIA & MAP POINTING	1	5TO13	2	1	1
MAY	G2	GEOLOGICAL EVOLUTION AND STRUCTURE	2	14-21	1		1
	G3	RELIEF	3	22-45	2	1	1
	G4	DRAINAGE	4	46-58	1		1
	G5	CLIMATE	5	59-102	3	1	1
	G6	NATURAL VEGETATION	6	103-116	2	1	1
	JUNE	G7	POPULATION	7	119-145	2	1
G8		MIGRATION TRANDS	8	146-167	1		1
G9		DEMOGRAPHIC ATTRIBUTES	9	168-189	2	1	1
G10		RURAL SETTLEMENT & URBAN SETTLEMENTS	10&11	190-232	3	1	1
JULY	G11	ENVIRONMENTAL MANAGEMENT AND LAND USE PATTERN	12	235-244	1		1
	G12	WATER RESOURCES AND TYPES OF IRRIGATION	13	245-277	2	1	1
	G13	AGRICULTURE	14	278-335	1		1
	G14	FISHERIES	15	336-351	1		1
AUG	G15	MINERALS AND POWER RESOURCES	16	352-384	2	1	1
	G16	TRANSPORT AND COMMUNICATION	17	387-428	2	1	1
SEP	G17	INDUSTRIES	18	429-491	3	1	1
	G18	TOURISM INDUSTRY	19	492-506	2	1	1

JAYEETA BOSE
SAYANTI CHATTERJEE