

 TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADHAHA SYLLABUS BIFURCATION (2023-24) CLASS: XII SUBJECT : ENGLISH			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	The Last Lesson	*Explanation *Questions and answers	April
2	The Third Level	*Explanation *Questions and answers	April
3	Notice Writing	Practice Worksheets	April
4	My mother at sixty six	*Explanation *Questions and answers	April
5	Comprehension	Practice Worksheets	April
6	The Lost spring	*Explanation *Questions and answers	May
7	Application for a job with bio data	Practice Worksheets	May
8	Comprehension	Practice Worksheets	May
9	The Tiger King	*Explanation *Questions and answers	June
10	Deep Water	*Explanation *Questions and answers	June
11	Comprehension	Practice Worksheets	June
12	The rattrap	*Explanation *Questions and answers	July
13	Keeping quiet	*Explanation *Questions and answers	July
14	Indigo	*Explanation *Questions and answers	July
15	Journey to the end of the earth	*Explanation *Questions and answers	July
16	Invitation-Formal and Informal	Practice Worksheets	July
17	Comprehension	Practice Worksheets	July
18	A thing of beauty	*Explanation *Questions and answers	August
19	Poets and Pancakes	*Explanation *Questions and answers	August
20	The enemy	*Explanation *Questions and answers	August
21	On the face of it	*Explanation *Questions and answers	August
22	The interview	*Explanation *Questions and answers	August
23	Report Writing	Practice Worksheets	August
24	A roadside strand	*Explanation *Questions and answers	September
SUBJECT : HINDI			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1 2 3	>Din jaldi - jaldi dhalta hain (kavy khand) >Bhktin (Gday Khand) >Rachnaatmak Lekhan	> Path parichay, chapter Reading & Q/A > Rachnaatamak lekhan kaa tarika	APRIL
4 5	>Patang (kavy khand) >Baazar Darshan (Gday Khand)	> Path parichay, chapter Reading & Q/A	MAY
6 7 8	>Mohan Shyam Joshi (Vitaan -Bhag-2) >Kavitaa ke Bhane >Baat sidhi thi par(kavy khand)	> Path parichay, chapter Reading & Q/A > Rachnaatamak lekhan kaa tarika	JUNE
9 10 11	>Kaale Meghaa Paani dey (Gday Khand) >Kamare Men Band Apahij (kavy khand) >Phalawaan kee Dholak (Gday Khand)	> Path parichay, chapter Reading & Q/A > Rachnaatamak lekhan kaa tarika	JULY
12 13 14	>Rediyo aur Naatak kaa > Natyruaantran >Ushaa(kavy khand) ASL	> Path parichay, chapter Reading & Q/A > Rachnaatamak lekhan kaa tarika	AUGUST
15 16 17 18 19 20	> Apathit > Project >Apratyashit Vishayon Par Lekhan >Baadal Raag (kavy khand) > shirish ke phool	> Path parichay, chapter Reading & Q/A > Rachnaatamak lekhan kaa tarika	SEPTEMBER

SUBJECT : BENGALI			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	রূপনারায়ণের কূলে - রবীন্দ্রনাথ ঠাকুর	কবি পরিচিতি - কবিতা পাঠ কবিতার সারাংশ - প্রশ্নের উত্তর।	এপ্রিল
2	গল্প - কে বাঁচে, কে বাঁচায় - মানিক বন্দ্যোপাধ্যায়।	[ক] লেখক পরিচিতি - গল্প পাঠ - প্রশ্নের উত্তর।	
3	গারো পাহাড়ের নীচে - সুভাষ মুখোপাধ্যায়	গল্প পাঠ ও আলোচনা - প্রশ্ন-উত্তর	
4	নির্মিত	ব্যক্তিগত পত্র রচনা	মে
5	ব্যাকরণ	অলঙ্কার	
6	নাটক - নানারঙের দিন প্রজেক্ট - ছুটির কাজ	গল্প পাঠ ও আলোচনা - প্রশ্ন-উত্তর	
7	কবিতা - আমি দেখি - শক্তি চট্টোপাধ্যায়	কবি পরিচিতি - কবিতা পাঠ - কবিতার সারাংশ - প্রশ্নের উত্তর।	জুন
8	ছাতির বদলে হাতি - সুভাষ মুখোপাধ্যায়	গল্প পাঠ ও আলোচনা - প্রশ্ন-উত্তর	
9	নির্মিত	ব্যক্তিগত পত্র রচনা	
10	ব্যাকরণ	ধনিবিজ্ঞান - অলঙ্কার	জুলাই
11	গল্প - ভাত - মহাশ্বেতা দেবী	গল্প পাঠ ও আলোচনা - প্রশ্ন-উত্তর	
12	কলের কোলকাতা - সুভাষ মুখোপাধ্যায়	গল্প পাঠ ও আলোচনা - প্রশ্ন-উত্তর	
13	নির্মিত	পত্র রচনা	অগাস্ট
14	ব্যাকরণ	ধনিবিজ্ঞান - অলঙ্কার	
15	ক্রন্দনরতা জননীর পাশে- মৃদুল দাশগুপ্ত	কবি পরিচিতি - কবিতা পাঠ - কবিতার সারাংশ - প্রশ্নের উত্তর।	
16	মেঘের গায়ে জেলখানা - সুভাষ মুখোপাধ্যায়	গল্প পাঠ- আলোচনা - প্রশ্নের উত্তর।	সেপ্টেম্বর
17	নির্মিত	ব্যক্তিগত পত্র রচনা - বোধপরীক্ষণ	
18	ব্যাকরণ	ধনিবিজ্ঞান - অলঙ্কার	
19	কবিতা - পড়তে জানে এমন এক মজুরের প্রশ্ন	কবি পরিচিতি - কবিতা পাঠ - কবিতার সারাংশ - প্রশ্নের উত্তর।	সেপ্টেম্বর
20	হাত বাড়াও - সুভাষ মুখোপাধ্যায়	গল্প পাঠ- আলোচনা - প্রশ্নের উত্তর।	
21	ব্যাকরণ	বাক্য পরিবর্তন - অশুদ্ধি সংশোধন - সন্ধি	
SUBJECT : Pure Mathematics			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Relation & functions		April
2	Matrices		April
3	Matrices,Determinants	Determinants of square matrix,Properties of determinants,minors and cofactors.	May
4	Determinants,Inverse trigonometric functions,Continuity	Adjoint,inverse ,consistency,inconsistency,solving system of linear equations.	June
5	Differentiation, Application of derivative, Indefinite integrals		July
6	Definite integrals,Application of integration		August
7	Differential equation	Definition,order & degree,general and particular solutions,formation of diff eqn.	September
SUBJECT :Physics			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Electrostatics & Electromagnetic waves	Electric charges and Fields Electrostatic Potential & Capacitance Electromagnetic Waves	APRIL
2	Current electricity & Magnetic effect of electric current	SUMMER VACATION	MAY
		Current Electricity	JUNE
		Moving charges and magnetism Magnetism and matter	JULY
3	Electromagnetic Induction& Alternating current & Atoms-nuclei	Revision and P.A.1 exam	AUGUST
		Electromagnetic induction and Alternating current Atoms & Nuclei	SEPTEMBER

SUBJECT : Chemistry			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Solution and colligative properties	Different concentration term, Colligative properties, Vant's Hoff factor Association and dissociation of solute molecules	APRIL
2	Coordination Chemistry	IUPAC name , Isomerism VBT Theory CFT and colour of coordination compounds	
3	Electrochemistry	SUMMER VACATION EMF of cell, Nernst equation Electrolysis, Faraday's law, Numericals	
4	Haloalkanes & Haloarenes	Preparations and reactions of Haloalkanes Preparations and reactions of Haloarenes	JUNE
5	d and f block elements	General properties, Important compounds and their reactions, Applications Revision and P.A.1 exam	JULY
6	Alcohols, Phenols and Ethers	Preparations and reactions of Alcohols Preparations and reactions of Phenols and Ethers	AUGUST
7	Chemicals Kinetics	Rate of a chemical reaction, factors influencing rate of a reaction, Integrated rate equations Temperature dependent rate of reaction, Collision theory of chemical reactions	
8	Aldehyde, Ketone and Carboxylic acids	Preparations and properties of Aldehyde, Ketone and Carboxylic acids	
SUBJECT : Biology			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	REPRODUCTION	SEXUAL REPRODUCTION IN FLOWERING PLANTS HUMAN REPRODUCTION REPRODUCTIVE HEALTH	APRIL
2	GENETICS AND EVOLUTION	PRINCIPLES OF INHERITANCE AND VARIATION MOLECULAR BASIS OF INHERITANCE EVOLUTION	MAY JUNE JULY
3	BIOLOGY AND HUMAN WELFARE	HUMAN HEALTH AND DISEASES MICROBES IN HUMAN WELFARE	AUGUST
4	BIOTECHNOLOGY AND ITS APPLICATION	BIOTECHNOLOGY- PRINCIPLES AND PROCESSES BIOTECHNOLOGY AND ITS APPLICATIONS	SEPTEMBER
REVISION AND HALF YEARLY			
SUBJECT : COMPUTER SCIENCE			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Computational Thinking and Programming – Python	Revision of Python topics covered in Class XI	April
		Functions-Function arguments,parameters	May
		Introduction to files	June
		Text file	
		Binary file	
		CSV file	
2	Computer Networks	Data Structure	July
		Evolution of networking	
		Data communication terminologies	
		Transmission media	
		Network devices	
		Network topologies and Network types	
3	Database Management	Network protocol	August
		Introduction to web services	
		Database concepts	
		Relational data model	
		Structured Query Language	
		All Chapters Revision	September

SUBJECT : ECONOMICS			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Introduction:Macroeconomics		April
2	National income accounting		April
3	Indian economy on the eve of Independence		May
4	Indian economy 1950-1990		May
5	Money and banking		June
6	Liberalisation,Privatisation and Globalisation:An appraisal		June
7	Determination of income and employment		July
8	Poverty		July
9	Human capital formation in India		August
10	Government budget and the economy		August
11	Rural development		August
12	Employment:Growth,Informalisation and other issues		September
SUBJECT : Commercial Art			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Illustration	Drawing for life & out door sketch Space maintaint - composition arrangment Illustration colour continue	April
2	Poster Making	Verity Subject drawing Tourism Cultural activities commercial products Specified data & slogan a given subject two or three colour	May - June
3	Illustration	Family & friends in daily life, gmaes, Nature, Nation events, Religious events Colour - Still life drawing & colour, poster design Culture Discussion Theory, poster Making	July
4	Folk Art & Theory	Madhubani & Kalighatpata Chitra, Theory Poster Making All work revision & finishing touch	August September
SUBJECT :Business Studies			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Nature and Significance of Management	Management – concept, objectives, and importance	APR
		Management as Science, Art and Profession	APR
		Levels of Management	APR
		Management functions	APR
		Coordination	APR
2	Principles of Management	Principles of Management- concept	MAY
		Fayol's principles of management	MAY
		Taylor's Scientific management	JUN
3	Business Environment	Business Environment- concept	JUN
		Dimensions of Business Environment	JUN
	(16 MARKS)	Demonetization	JUN
4	Planning	Concept, importance	JUN
		Planning process	JUN
		Single use and standing plans	JUL
5	Organising	Concept and importance	JUL
		Organising Process	JUL
		Structure of organisation	JUL
	(14 MARKS)	Delegation	JUL
6	Financial Management	Concept, role and objectives	AUG
		Financial decisions, Planning	AUG
		Capital Structure	AUG
		Fixed and Working Capital	AUG
7	Financial Markets	Financial Markets: Concept	AUG
		Money Market: Concept	AUG
		Capital market and its types	AUG
	(15 MARKS)	Securities and Exchange Board of India (SEBI)	AUG
8	Staffing	Concept and importance	SEP
		Staffing process	SEP
		Recruitment process	SEP
		Selection – process	SEP
	(12 MARKS)	Training and Development	SEP

SUBJECT : Applied Mathematics			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	MATRIX	1. Matrices and types of matrices 2. Size and order of matrices 3. Operation on matrices (Algebra of matrices) 4. Equality of matrices 5. Transpose of matrices 6. Symmetric and Skew symmetric matrices.	April
2	DETERMINANTS	1. Determinants of a square matrix 2. Elementary properties of determinants	
3	INVERSE OF MATRIX	1. Inverse of matrices 2. Application on inverse of matrices. 3. Solving simultaneous equations using matrix method, Cramer's Rule.	
4	INCREASING DECREASING FUNCTION	1. Determine whether a function is increasing or decreasing. 2. Determining conditions for a function to be increasing or decreasing.	MAY
5	MAXIMA AND MINIMA	1. Critical points on a function 2. Local maxima and local minima and corresponding local minima and local maxima 3. Absolute maxima and absolute minima 4. Applications	
6	CALCULUS	1. Higher Order derivatives 2. Application of derivatives 3. Marginal cost , marginal revenue using derivatives 4. Integration	June
		5. Indefinite integrals 6. Integrals as family of curves 7. Integrals as area under curves 8. Application of integration 9. Differential Equation 10. Solving differential equation 11. Application of differential equation	July
7	NUMBERS, QUANTIFICATION, AND NUMERICAL ANALYSIS	1. Modulo arithmetic 2. Congruence modulo 3. Alligation and mixture 4. Boats and streams 5. Pipes and cisterns 6. Partnership 7. Races and games 8. Numerical and linear inequations	August
8	FINANCIAL MATHEMATICS	1. Perpetuity, sinking funds 2. Calculation of EMI 3. Calculation of returns and nominal rate of return 4. Depreciation	September

SUBJECT : Information Technology (802)

SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Employability skills	Unit 2 : Self-Management Skills- IV Unit 3 : ICT Skills- IV Unit 4 : Entrepreneurial Skills- IV	April
2	Subject Specific Skills	Basics of RDBMS. SQL – Creating and Opening Database. Operating with multiple tables.* Creating and populating tables. Modifying the content and structure of table Ordering and Grouping. Operating with multiple tables.*	
3	Unit -1 : Database Concepts – RDBMS Tool	Online Reservation Systems. E-Governance Online Shopping and Bill payments. Online Tutorials and Tests Project Management – Web Based Application development	June
4	Unit -2 : Operating Web Based Applications	Oriented Programming, Java Language Elements Operators Control Flow, Array, Class Design Exception Handling, Assertions,* Threads,* Wrapper Classes, String Manipulation	July
		Identification of Work Areas. Work Experience.	August
6	Unit-4: Work Integrated Learning IT – DMA		

SUBJECT : PSYCHOLOGY			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	VARIATION IN PSYCHOLOGICAL ATTRIBUTION		APRIL
2	SELF and PERSONALITY		MAY
3	MEETING LIFE CHALLENGES		JULY
4	PSYCHOLOGICAL DISORDER		AUGUST
5	THERAPEUTIC APPROACHES		AUGUST and SEPTEMBER
SUBJECT : Physical Education			
SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Unit I Management of Sporting Events	<ul style="list-style-type: none"> • Functions of Sports Events Management (Planning, Organising, Staffing, Directing & Controlling) • Various Committees & their Responsibilities (pre; during & post) • Fixtures and its Procedures – Knock-Out (Bye & Seeding) & League (Staircase & Cyclic) PRACTICAL PART:Yoga & IOA recognized sports	APRIL 1ST -2ND WEEK
2	Unit II Children & Women in Sports	<ul style="list-style-type: none"> • Common Postural Deformities - Knock Knee; Bow Legs; Flat Foot; Round Shoulders; Lordosis,Kyphosis, and Scoliosis and their corrective measures • Special consideration (Menarche & Menstrual Dysfunction) • Female Athletes Triad (Osteoporosis, Amenorrhea, Eating Disorders) PRACTICAL PART:Yoga & IOA recognized sports	APRIL 3RD-4TH WEEK
3	Unit III Yoga as Preventive measure for Lifestyle Disease	<ul style="list-style-type: none"> ☑ Obesity: Procedure, Benefits & Contraindications for Tadasana, Katichakrasana, Pavanmuktasana, Matsayasana, Halasana, Pachimottansana, Ardha – Matsyendrasana, Dhanurasana, Ushtrasana, Suryabedhan pranayama. ☑ Diabetes: Procedure, Benefits & Contraindications for Katichakrasana, Pavanmuktasana,Bhujangasana, Shalabhasana, Dhanurasana, Supta-vajarasana, Paschimottanasana, Ardha-Mastendrasana, Mandukasana, Gomukasana, Yogmudra, Ushtrasana, Kapalabhati. PRACTICAL PART:Yoga & IOA recognized sports	MAY 1ST -2ND WEEK
4		<ul style="list-style-type: none"> ☑ Asthma: Procedure, Benefits & Contraindications for Tadasana, Urdhwahastottansana, UttanMandukasana, Bhujangasana, Dhanurasana, Ushtrasana, Vakrasana, Kapalbhathi, Gomukhasana Matsyaasana, Anuloma-Viloma. ☑ Hypertension: Procedure, Benefits & Contraindications for Tadasana, Katichakransan, Uttanpadasana, Ardha Halasana, Sarala Matyasana, Gomukhasana, UttanMandukasana, Vakrasana, Bhujangasana, Makarasana, Shavasana, Nadi-shodhanapranayam, Sitalpranayam. 	JUNE 3RD -4TH WEEK
5	Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang)	<ul style="list-style-type: none"> • Organizations promoting Disability Sports (Special Olympics; Paralympics; Deaflympics) • Advantages of Physical Activities for children with special needs. • Strategies to make Physical Activities assessable for children with special needs. PRACTICAL PART:Yoga & IOA recognized sports	JULY 1ST -2ND WEEK
6	Unit V Sports & Nutrition	<ul style="list-style-type: none"> • Concept of balance diet and nutrition • Macro and Micro Nutrients: Food sources & functions • Nutritive & Non-Nutritive Components of Diet PRACTICAL PART:Yoga & IOA recognized sports	JULY 3RD -4TH WEEK

7	Unit VI Test & Measurement in Sports	<ul style="list-style-type: none"> • Fitness Test – SAI Khelo India Fitness Test in school: <ul style="list-style-type: none"> o Age group 5-8 yrs/ class 1-3: BMI, Flamingo Balance Test, Plate Tapping Test o Age group 9-18yrs/ class 4-12: BMI, 50mt Speed test, 600mt Run/Walk, Sit & Reach flexibility test, Strength Test (Abdominal Partial Curl Up, Push-Ups for boys, Modified Push-Ups for girls). • Computing Basal Metabolic Rate (BMR) • Rikli & Jones - Senior Citizen Fitness Test I. Chair Stand Test for lower body strength 	AUG
8	Unit VII Physiology & Injuries in Sports	<p>fitness</p> <ul style="list-style-type: none"> • Effect of exercise on Muscular System • Effect of exercise on Cardio-Respiratory System • Sports injuries: Classification (Soft Tissue Injuries - Abrasion, Contusion, Laceration, Incision, Sprain & Strain; Bone & Joint Injuries - Dislocation, Fractures - Green Stick, Comminuted, Transverse Oblique & Impacted) <p>PRACTICAL PART: Yoga & IOA recognized sports</p>	AUG-SEP

SUBJECT : Food Nutrition & Dietitics

SL. NO.	TOPIC	SUB TOPIC	MONTH	
1	Therapeutic nutrition	Role of dietitian in health care & nutrition care	April	
2	Therapeutic diets	Definition of therapeutic diets Types of Therapeutic diets Causes to provide therapeutic diets Types of dietary adaptations		
3	Nutrition and Infection	Cycle of malnutrition and infection Effect of malnutrition on infection Infection & nutritional status		
4	Methods of cooking	Principle of cooking foods Cooking methods		May
5	Food Hazards	Types of hazards Food borne disease		
6	Personal and food hygiene	Good personal hygiene Types of personal hygiene Food hygiene and sanitation Environmental sanitation and safety Integrated pest management & food safety		June
7	Food adulteration	Introduction & types of adulterants Effects of adulterants	June + July	
8	Reading and understanding Food labels	Introduction and advantage Limitations of a food label How to read a food label? Importance of food labels ISI, AGMARK, FPO Making a food label	July	
9	HFSS & Their applications	Foods and ingredients of concern Childhood obesity and other chronic diseases HFSS food consumption in India	August	
10	Fever	Definition, causes, symptoms and types BMR Metabolic changes during fever Dietary management Chronic fevers		
11	Diarrhoea	Definition, causes & symptoms Treatment & management		
12	Eating disorders	Introduction Characteristics Causes Management		September

SUBJECT : ACCOUNTANCY

SL. NO.	TOPIC	SUB TOPIC	MONTH
1	Accounting for Partnership Firms	Partnership: features, Partnership Deed.	APRIL
		Provisions of the Indian Partnership Act 1932 in the absence of partnership deed.	APRIL
		Fixed v/s fluctuating capital accounts.	APRIL
		Preparation of Profit and Loss	
	(36 MARKS)	Appropriation A/c	APRIL
		Goodwill	MAY
2	Reconstitution and Dissolution	Change in the Profit Sharing Ratio	JUNE
		Admission of a partner	JULY
		Retirement and death of a partner	AUG
	(24 MARKS)	Calculation of deceased partner's share of profit	AUG
		Dissolution of a partnership firm	SEP



TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA
SYLLABUS BIFURCATION EXAMWISE (2023-24)

CLASS : XII

SUBJECT : ENGLISH

SL. NO.	MONTH	FA1	PT1	HALF YEARLY
1	April	The Last Lesson		
2	April	The Third Level		
3	April	Notice Writing		
4	April	My mother at sixty six		
5	April	Comprehension		
6	May	The Lost spring		
7	May	Application for a job with bio data		
8	May	Comprehension		
9	June	The Tiger King		
10	June	Deep Water		
11	June	Comprehension		
12	July	The rattrap	ALL CHAPTERS DONE TILL JUNE	
13	July	Keeping quiet		
14	July	Indigo		
15	July	Journey to the end of the earth		
16	July	Invitation-Formal and Informal		
17	July	Comprehension		
18	August	A thing of beauty		
19	August	Poets and Pancakes		
20	August	The enemy		
21	August	On the face of it		
22	August	The interview		
23	August	Report Writing		
24	September	A roadside strand	ALL CHAPTERS DONE BETWEEN APRIL-SEPTEMBER	

SUBJECT : HINDI

SL. NO.	MONTH	FA1	PT1	HALF YEARLY
1	APRIL	>Din jaldi - jaldi dhalta hain(Aatam Parichay) , Ek geet (kavy khand) > Bhktin (Gday Khand) Rachnaatmak Lekhan		
2	MAY	> Patang (kavy khand) > Baazar Darshan (Gday Khand)		
3	JUNE	> Kavita ke Bhane , Baat sidhi thi par(kavy khand) > Silver Wedding-Mohan Shyam Joshi (Vitaan -Bhag-2)		
4	JULY	>Kamare Men Band Apahij (kavy khand) >Ushaa(kavy khand) > Rediyo aur Naatak kaa Natyrupaantran	> READING - APATHIT GADYANSH & KAVYANSH POEM - Din jaldi - jaldi dhalta hain(Aatam Parichay) , Ek geet,Patang (kavy khand),Kamare Men Band Apahij ,Ushaa PROSE - Bhktin Rachnaatmak Lekhan , Silver Wedding -Mohan Shyam Joshi (Vitaan -Bhag-2) WRITING -Rediyo aur Naatak kaa Natyrupaantran ,Rachnaatmak Lekhan	
5	AUGUST	>Rediyo aur Naatak kaa Natyrupaantran >ASL > Joojh (vitaan Bhag -2)		
6	SEPTEMBER	> Kaale Meghaa Paani dey (Gday Khand) > Baadal Raag (kavy khand) > project		> READING - APATHIT GADYANSH & KAVYANSH POEM - Din jaldi - jaldi dhalta hain(Aatam Parichay) , Ek geet,Kamare Men Band Apahij ,Baat sidhi thi par(kavy khand) , Ushaa, Baadal Raag , PROSE - Bhktin , Baazar Darshan, Kaale Meghaa Paani dey ,Phalawaan ke dholak, shirish ke phool Silver Wedding Mohan Shyam Joshi , Joojh(vitaan Bhag -2) > WRITING -Rediyo aur Naatak kaa Natyrupaantran ,Rachnaatmak-Lekhan- Aalekh, phichar, Report Lekhan , Apratyashit vishayon par Lekhan

SUBJECT : Bengali				
SL. NO.	MON TH	FA1	PT1	HALF YEARLY
1	April	1. রূপনারায়ণের কুলে - রবীন্দ্রনাথ ঠাকুর 2. গল্প - কে বাঁচে, কে বাঁচায় - মানিক বন্দ্যোপাধ্যায়। 3. গারো পাহাড়ের নীচে - সুভাষ মুখোপাধ্যায় 4. নিমিতি - ব্যক্তিগত পত্র রচনা 5. ব্যাকরণ - অলঙ্কার	April to July all topic PT1	April to September all topic
2	May	1. নাটক - নানারঙের দিন 2. প্রজেক্ট - ছুটির কাজ		
3	June	1. কবিতা - আমি দেখি - শক্তি চট্টোপাধ্যায় 2. ছাতির বদলে হাতি - সুভাষ মুখোপাধ্যায় 3. নিমিতি - ব্যক্তিগত পত্র রচনা 4. ব্যাকরণ - ধনিবিজ্ঞান - অলঙ্কার		
4	July	1. গল্প - ভাত - মহাশ্বেতা দেবী 2. কলের কোলকাতা - সুভাষ মুখোপাধ্যায় 3. নিমিতি - ব্যক্তিগত পত্র রচনা 4. ব্যাকরণ - ধনিবিজ্ঞান - অলঙ্কার		
5	August	1. ক্রন্দনরতা জননীর পাশে- মৃদুল দাশগুপ্ত 2. মেঘের গায়ে জেলখানা - সুভাষ মুখোপাধ্যায় 3. নিমিতি - ব্যক্তিগত পত্র রচনা 4. ব্যাকরণ - ধনিবিজ্ঞান - অলঙ্কার 5. বোধপরীক্ষণ		
6	September	1. কবিতা - পড়তে জানে এমন এক মজুরের প্রশ্ন 2. হাত বাঁড়ো - সুভাষ মুখোপাধ্যায় 3. নিমিতি - ব্যক্তিগত পত্র রচনা 4. ব্যাকরণ - ধনিবিজ্ঞান - অলঙ্কার		
SUBJECT : PHYSICS				
SL. NO.	MON TH	FA1	PT1	HALF YEARLY
1	April	Electrostatics- M.A.	Electrostatics	Electrostatics Electromagnetic wave Current electricity Magnetic effect of electric current
2	June- July	Current electricity- M.A. Practical- Current electricity & Electronics	Electromagnetic wave Current electricity Magnetic effect of electric current	
3	August	Electromagnetic induction & alternating current- M.A. Practical- Electromagnetic induction		
4	September	Atoms & nuclei- M.A.		
SUBJECT : CHEMISTRY				
SL. NO.	MON TH	FA1	PT1	HALF YEARLY
1	April	Solution & Colligative properties-M.A. Coordination Chemistry-M.A. Practical- Titration	(i)Solution & Colligative properties, (ii)Electrochemistry- Electrochemical cell, Electrolytic cell, electrolysis, Batteries (iii)Haloalkanes & Haloarenes (iv) Coordination Chemistry (v) d and f block elements	(i)Solution & Colligative properties, (ii)Electrochemistry- Electrochemical cell, Electrolytic cell, electrolysis, Batteries (iii)Haloalkanes & Haloarenes (iv) Alcohols, Phenols and Ethers (v) Aldehyde, Ketone and Carboxylic acids (vi) Chemical kinetics
2	May- June	Electrochemistry and Electrolytic cells-M.A. Project-S.E.		
3	June- July	Haloalkanes and Haloarenes-M.A d and f block elements-M.A Practical- Inorganic salt analysis		
4	August	Alcohols, Phenols & Ethers- M.A. Chemical Kinetics- M.A. Practical- Organic chemistry functional groups		
5	September	Aldehyde, Ketone and Carboxylic acids-M.A. Practical- Organic chemistry functional groups		

SUBJECT : BIOLOGY				
SL. NO.	MON TH	FA1	PT1	HALF YEARLY
1	APRIL	SEXUAL REPRODUCTION IN FLOWERING PLANTS,HUMAN REPRODUCTION, REPRODUCTIVE HEALTH.		SEXUAL REPRODUCTION IN FLOWERING PLANTS,HUMAN REPRODUCTION, REPRODUCTIVE HEALTH.
2	MAY	PRINCIPLES OF INHERITANCE AND VARIATION		PRINCIPLES OF INHERITANCE AND VARIATION
3	JUNE	MOLECULAR BASIS OF INHERITANCE		MOLECULAR BASIS OF INHERITANCE
4	JULY	EVOLUTION	SEXUAL REPRODUCTION IN FLOWERING PLANTS	EVOLUTION
		HUMAN HEALTH AND DISEASES	HUMAN REPRODUCTION	HUMAN HEALTH AND DISEASES
5	AUGUS	MICROBES IN HUMAN WELFARE	REPRODUCTIVE HEALTH	MICROBES IN HUMAN WELFARE
		BIOTECHNOLOGY- PRINCIPLES AND PROCESSES	PRINCIPLES OF INHERITANCE AND VARIATION	BIOTECHNOLOGY- PRINCIPLES AND PROCESSES
6	SEPTEMBER	BIOTECHNOLOGY AND ITS APPLICATIONS	MOLECULAR BASIS OF INHERITANCE	BIOTECHNOLOGY AND ITS APPLICATIONS
			EVOLUTION	
		REVISION AND HALF YEARLY		
SUBJECT : PURE MATHEMATICS				
SL. NO.	MON TH	FA1	PT1	HALF YEARLY
1	April	Relation & functions,Matrix		
2	May	Determinants		
3	June	Inverse Trigonometric functions,Continuity		
4	July	Differentiation,Application of derivative,Indefinite integrals	PT1(Relations and functions,Determinants,Continuity & differentiation)	
5	August	Definite integrals,Application of integration		
6	September	Differential equation		All chapters done in class.
SUBJECT : COMPUTER SCIENCE				
SL. NO.	MON TH	FA1	PT1	HALF YEARLY
1	May	Review Python I+II		
2	June	Functions		
3	July	File handling + Stack	Review Python I+II	
		Computer Network I	Functions	
4	September		File handling + Stack	Review Python I+II
				Functions
				File handling + Stack
				Computer Network I & II
				DATABASE upto SQL commands

SUBJECT : ECONOMICS

SL. NO.	MON TH	FA1	PT1	HALF YEARLY
1	April	1 MA (Introduction:Macroeconomics)		
2	May	1 MA (National income accounting)		
3	June	2 MA (Indian economy on the eve of Independence, Indian economy 1950-1990)		
4	July	3 MA (Money and banking, Liberalisation,Privatisation and Globalisation:An appraisal, Determination of income and employment)	Introduction:Macroeconomics,National income accounting,Indian economy on the eve of Independence, Indian economy 1950-1990,Money and banking,Liberalisation,Privatisation and Globalisation:An appraisal,	
5	August	3 MA (Poverty, Human capital formation in India, Government budget and the economy) + 1 Project work		
6	September	1 MA (Rural development)+ Notebook		Introduction:Macroeconomics,National income accounting,Indian economy on the eve of Independence, Indian economy 1950-1990,Money and banking, Liberalisation,Privatisation and Globalisation:An appraisal, Determination of income and employment, Poverty, Human capital formation in India, Government budget and the economy,Rural development

SUBJECT : BUSINESS STUDY

SL. NO.	MON TH	FA1	PT1	HALF YEARLY
1	April	QUIZ on Nature of Management		
2	April	Class Test F.M. - 10 Nature and objective of Management		
3	May	Case study on Level of Management		
4	June	Project (Page limit 5-6) on Business Environment		
5	July	Class Test F.M. - 10 on Planning	Pen and Paper F.M. - 40	
6	August	Class Test F.M. - 10 on Financial Management	1.Nature and Significance of Management	
7	September	QUIZ on Staffing	2.Principles of Management	
8	September	Class Test F.M. - 10 on Staffing	3.Business Environment	Pen and Paper F.M.-80
			4.Planning	1.Nature and Significance of Management
			5.Organising	2.Principles of Management
				3.Business Environment
				4.Planning
				5.Organising
				6.Financial Management
				7.Financial Markets
				8.Staffing

SUBJECT : ACCOUNTANCY

SL. NO.	MON TH	FA1	PT1	HALF YEARLY
1	April	QUIZ on Partnership Accounts		
2	April	Class Test F.M. - 10 on PL Appropriation A/c		
3	May	Case study on provisions on Partnership Act. 1932		
4	June	Project (Page limit 5-6) on Partnership Deed		
5	July	Class Test F.M. - 10 on Goodwill Account	Pen and Paper F.M. - 40	
6	August	Class Test F.M. - 10 on Admission of Partners	Accounting for Partnership Firms	
7	September	Case study on reconstruction of a partnership Firm		
8	September	Class Test F.M. - 10 on Retirement of a Partner		Pen and Paper F.M.-80
				Accounting for Partnership Firms
				Reconstitution and Dissolution

SUBJECT : APPLIED MATHEMATICS

SL. NO.	MON TH	FA1	PT1	HALF YEARLY
1	APRIL	Matrix		
		Determinants		
		Inverse of matrix		
2	May	Increasing Decreasing function		
		Maxima and Minima		
3	June	Calculus	All chapters done till June	
	July			
4	August	Numbers quantification and numerical analysis		
5	September	Financial Mathematics		All chapters done

SUBJECT : COMMERCIAL ARTS

SL. NO.	MON TH	FA1	PT1	HALF YEARLY
1	ARRIL	Illustration-Family & friend in daily life	CLASS TEST-10 MARKS	
2	MAY	Poster making- Excursion or tourism	CLASS TEST-10 MARKS	
3	JUNE			
5	JULY	Practical- Illustration- Games & Sports Theory- The Rajasthani & Pahari school of miniature painting	CLASS TEST-10 MARKS	(Theory)Pen & paper=12 marks (Practical) =28 marks Illustration-Family & friend in daily life. Poster making- Excursion or tourism Practical- Illustration- Games & Sports Theory- The Rajasthani & Pahari school of miniature painting
6	AUG	Indian folk art	CLASS TEST-10 MARKS	
7	SEP	Practical- Illustration -National events, celebration, festivals, Poster making- Cultural activities, community & nature development Theory- The Mughal & Decean school of miniature painting, the bengal school of painting	CLASS TEST-10 MARKS	

SUBJECT : INFORMATION TECHNOLOGY

SL. NO.	MON TH	FA1	PT1	HALF YEARLY
1	May	Employability skills		
2	June	Unit -1 : Database Concepts – RDBMS Tools		
3	July	Unit -2 : Operating Web Based Applications		
4	August	Unit -3 : JAVA - Fundamentals of Java programming		
			Employability skills	Employability skills
			Unit -1 : Database Concepts – RDBMS Tools	Unit -1 : Database Concepts – RDBMS Tools
			Unit -2 : Operating Web Based Applications	Unit -2 : Operating Web Based Applications
			Unit -3 : JAVA - Fundamentals of Java programming	Unit -3 : JAVA - Fundamentals of Java programming
				Unit-4: Work Integrated Learning IT – DMA

SUBJECT : FOOD NUTRITION AND DIETITICS

SL. NO.	MON	FA1	PT1	HALF YEARLY
1	April	Therapeutic nutrition Therapeutic diets Nutrition & infections		
2	May	Methods of cooking Food hazards		
3	June	Personal and food hygiene		
4	July	Food adulteration & Reading & understanding food labels	Therapeutic nutrition Therapeutic diets Nutrition & infections Methods of cooking Food hazards Personal and food hygiene Food adulteration Reading & understanding food labels	
5	August	HFSS & their their applications Fever Diarrhoea		
6	September	Eating disorders		Therapeutic nutrition Therapeutic diets Nutrition & infections Methods of cooking Food hazards Personal and food hygiene Food adulteration Reading & understanding food labels HFSS & their their applications Fever Diarrhoea Eating disorders

SUBJECT:PHYSICAL EDUCATION(048)				
SL NO.	MONTH	FA 1	PT1	HALF-YEARLY
1	ARRIL	CLASS TEST-10 MARKS		
2	MAY	CLASS TEST-10 MARKS		
3	JUNE	CLASS TEST-10 MARKS		
5	JULY	CLASS TEST-10 MARKS	(Theory)Pen & paper=28 marks (Practical) =12 marks Unit I Management of Sporting Events Unit II Children & Women in Sports Unit III Yoga as Preventive measure for Lifestyle Disease Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang) Unit V Sports & Nutrition	
6	AUG	CLASS TEST-10 MARKS		
7	SEP	CLASS TEST-10 MARKS		(Theory)Pen & paper=70 marks (Practical) =30 marks Unit I Management of Sporting Events Unit II Children & Women in Sports Unit III Yoga as Preventive measure for Lifestyle Disease Unit IV Physical Education & Sports for CWSN (Children with Special Needs - Divyang) Unit V Sports & Nutrition Unit VI Test & Measurement in Sports Unit VII Physiology & Injuries in Sports
SUBJECT : PSYCHOLOGY				
SL. N	MON	FA1	PT1	HALF YEARLY
2	May	1ST MA(Variation in Psychological Attributes)		
3	June	2nd MA (Self and Personality)		
4	July	3rd MA (Meeting Life Challenges)	Variation in Psychological Attributes	
			Self And Personality	
			Meeting Life Challenges	
5	August	1st and 2nd Project		
6	Septem ber	3rd MA(Psychological Disorder and Therapeutic Approach)		Variation in Psychological Attributes Self and Personality Meeting Life Challenges Psychological Disorder Therapeutic Approach