



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

## SYLLABUS BIFURCATION - MONTHWISE (2023-24)

CLASS: XII B

SUBJECT: **ENGLISH**

Sl. No	Topic	Sub Topic	Month
1	Going Places	<ul style="list-style-type: none"><li>• Explanation</li><li>• Question Answers</li></ul>	October
2	Invitation (Formal/ Informal)	<ul style="list-style-type: none"><li>• Practice</li></ul>	October
3	Aunt Jennifer's Tigers	<ul style="list-style-type: none"><li>• Explanation</li><li>• Question Answers</li></ul>	November
4	On the face of it	<ul style="list-style-type: none"><li>• Explanation</li><li>• Question Answers</li></ul>	November
5	Memories	<ul style="list-style-type: none"><li>• Explanation</li><li>• Question Answers</li></ul>	November
6	Comprehension	<ul style="list-style-type: none"><li>• Practice</li></ul>	November
7	Article/Report Writing	<ul style="list-style-type: none"><li>• Practice</li></ul>	November

CLASS: XII B

SUBJECT: **ACCOUNTANCY**

Sl. No	Topic	Sub Topic	Month
1	Accounting for Companies	<b>Accounting for Share Capital:</b> Issue and allotment of equity and preferences shares. Public subscription of shares – over subscription and under subscription of shares; issue at par and at premium, calls in advance and arrears (excluding interest), issue of shares for consideration other than cash.	October
		Concept of Private Placement and Employee Stock Option Plan (ESOP), Sweat Equity.	October
		Accounting treatment of forfeiture and reissue of shares.	October
		Disclosure of share capital in the Balance Sheet of a company.	November

		<p><b>Accounting for Debentures</b>          Debentures: Meaning, types, Issue of debentures at par, at a premium and at a discount. Issue of debentures for consideration other than cash; Issue of debentures with terms of redemption; debentures as collateral security-concept, interest on debentures (concept of TDS is excluded). Writing off discount / loss on issue of debentures.</p>	November
2	Analysis of Financial Statements	<p><b>Financial statements of a Company:</b>          Meaning, Nature, Uses and importance of financial Statement. Statement of Profit and Loss and Balance Sheet in prescribed form with major headings and sub headings (as per Schedule III to the Companies Act, 2013)</p>	November
		<p><b>Tools for Financial Statement Analysis:</b> Comparative statements, common size statements, Ratio analysis, Cash flow analysis.</p>	November
		<p><b>Accounting Ratios:</b> Meaning, Objectives, Advantages, classification and computation.</p>	December
3	Cash Flow Statement	<p>Meaning, objectives Benefits, Cash and Cash Equivalents, Classification of Activities and preparation (as per AS 3 (Revised) (Indirect Method only)</p>	December



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

## SYLLABUS BIFURCATION – MONTHWISE (2023-24)

**CLASS: XII B**

**SUBJECT: BUSINESS STUDIES**

Sl. No	Topic	Sub Topic	Month
1	Directing	Directing: Concept and importance	October
		Elements of Directing	
		Motivation – concept, Maslow’s hierarchy of needs, Financial and non-financial incentives	
		Leadership – concept, styles – authoritative, democratic and laissez faire	
		Communication – concept, formal and informal communication; barriers to effective communication, how to overcome the barriers?	
2	Controlling	Controlling – Concept and importance	October
		Relationship between planning and controlling	
		Steps in process of control	
3	Marketing Management	Marketing – Concept, functions and philosophies	November
		Marketing Mix – Concept and elements	
		Product – branding, labelling and packaging – Concept	
		Price – Concept, Factors determining price	
		Physical Distribution – concept, components and channels of distribution	
		Promotion – Concept and elements; Advertising, Personal Selling, Sales Promotion and Public Relations	
4	Consumer Protection	Consumer Protection: Concept and importance	December
		The Consumer Protection Act, 2019: Meaning of consumer Rights and responsibilities of consumers Who can file a complaint, Redressal machinery, Remedies available	December + January
		Consumer awareness – Role of consumer organizations and Non-Governmental Organizations (NGOs)	January



## TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

### SYLLABUS BIFURCATION – MONTHWISE (2023-24)

**CLASS: XII B**

**SUBJECT: ECONOMICS**

Sl. No	Topic	Sub Topic	Month
1	Environment and Sustainable development	----	October
2	Open economy macroeconomics	----	November
3	Comparative development experiences of India and its neighbours	----	December



## TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

### SYLLABUS BIFURCATION - MONTHWISE (2023-24)

**CLASS: XII B**

**SUBJECT: PURE MATHEMATICS**

Sl. No	Topic	Sub Topic	Month
1	Vector, Differential equations	----	October
2	3D	----	October
3	LPP	----	November
4	Probability	----	November + December



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

## SYLLABUS BIFURCATION - MONTHWISE (2023-24)

**CLASS: XII B**

**SUBJECT: YOGA**

Sl. No	Topic	Sub Topic	Month
1	MEDITATION, YOGASANA & PRANAYAMA	<ul style="list-style-type: none"><li>➤ Yogic mantra and Om chanting.</li><li>➤ Suryanamaskara.</li><li>➤ Auloma-Viloma.</li><li>➤ Yoga therapy (music)</li></ul>	October
2	MEDITATION, YOGASANA, KRIYA & PRANAYAMA	<ul style="list-style-type: none"><li>➤ Yogic mantra and Om chanting.</li><li>➤ Suryanamaskara.</li><li>➤ Shat karma.</li><li>➤ Suryabedhan &amp; Chandra bhedana pranayama</li></ul>	November & December
3	MEDITATION, YOGASANA & KRIYA	<ul style="list-style-type: none"><li>➤ Yogic mantra and Om chanting.</li><li>➤ Yoga as preventive measure for lifestyle disease: Obesity, Diabetes, Asthma, Hypertension, Back pain &amp; Arthritis.</li><li>➤ Kapalbhata kriya.</li></ul>	January & February



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

## SYLLABUS BIFURCATION - MONTHWISE (2023-24)

CLASS: XII B

SUBJECT: **PHYSICAL EDUCATION (048)**

Sl. No	Topic	Sub Topic	Month
1	Unit-8 Biomechanics and Sports	<ol style="list-style-type: none"><li>1. Newton's Law of Motion &amp; its application in sports</li><li>2. Types of Levers and their application in Sports.</li><li>3. Equilibrium –Dynamic &amp; Static and Centre of Gravity and its application in sports</li><li>4. Friction &amp; Sports</li><li>5. Projectile in Sports</li></ol>	October
2	Unit-9 Psychology and Sports	<ol style="list-style-type: none"><li>1. Personality; its definition &amp; types (Jung Classification &amp; Big Five Theory)</li><li>2. Motivation, its type &amp; techniques</li><li>3. Exercise Adherence: Reasons, Benefits &amp; Strategies for Enhancing it</li><li>4. Meaning, Concept &amp; Types of Aggressions in Sports</li><li>5. Psychological Attributes in Sports –Self-Esteem, Mental Imagery, Self-Talk, Goal Setting</li></ol>	November
3	Unit-10 Training in Sports	<ol style="list-style-type: none"><li>1. Concept of Talent Identification and Talent Development in Sports</li></ol>	

		<p>2. Introduction to Sports Training Cycle – Micro, Meso, Macro Cycle</p> <p>3. Types &amp; Methods to Develop – Strength, Endurance, and Speed</p> <p>4. Types &amp; Methods to Develop – Flexibility and Coordinative Ability</p> <p>5. Circuit Training - Introduction &amp; its importance</p>	<p>November + December</p>
<p>4</p>	<p>PRACTICAL</p>	<p><b>Physical Fitness Test:</b></p> <ul style="list-style-type: none"> <li>○ SAI Khelo India Test,</li> <li>○ Brockport Physical Fitness Test (BPFT) <ul style="list-style-type: none"> <li>▪ Proficiency in Games and Sports (Skill of any one IOA recognized Sport/Game of Choice)</li> <li>▪ Yogic Practices</li> <li>▪ Record File</li> </ul> </li> </ul> <p>Viva Voce (Health/ Games &amp; Sports/ Yoga)</p>	



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

## SYLLABUS BIFURCATION - MONTHWISE (2023-24)

**CLASS: XII B**

**SUBJECT: COMPUTER SCIENCE**

Sl. No	Topic	Sub Topic	Month
1	Structured Query Language	Introduction, Data Definition Language and Data Manipulation Language, data type (char(n), varchar(n), int, float, date), constraints (not null, unique, primary key), create database, use database, show databases, drop database, show tables, create table, describe table, alter table (add and remove an attribute, add and remove primary key),	October - November
2	Structured Query Language	Drop table, insert, delete, select, operators (mathematical, relational and logical), aliasing, distinct clause, where clause, in, between, order by, meaning of null, is null, is not null, like, update command, delete command, aggregate functions (max, min, avg, sum, count), group by, having clause, joins: cartesian product on two tables, equi-join and natural join	November - December
3	Interface of python with an SQL database	Connecting SQL with Python, performing insert, update, delete queries using cursor, display data by using connect(), cursor(), execute(), commit(), fetchone(), fetchall(), rowcount, creating database connectivity applications, use of %s format specifier or format() to perform queries	December
4	Revision		January





# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADHAHA

## SYLLABUS BIFURCATION - MONTHWISE (2023-24)

**CLASS: XII B**

**SUBJECT: APPLIED MATHEMATICS**

Sl. No	Topic	Sub Topic	Month
1	Index Number and Time series	1. Time series	October
2	Linear Programming Problem	1. Introduction 2. Mathematical Formulation 3. Types of LPP 4. Graphical Method 5. Feasible and infeasible regions 6. Feasible and infeasible region and optimal solution	October
3	Inferential Statistics	1. Population Sample 2. Parameter statistics and statistical inferences 3. t - test	November
4	Probability	1. Probability distribution 2. Mathematical Expectation 3. Variance 4. Binomial Distribution 5. Poisson Distribution 6. Normal Distribution	December



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

## SYLLABUS BIFURCATION - MONTHWISE (2023-24)

**CLASS: XII B**

**SUBJECT: COMMERCIAL ART**

Sl. No	Topic	Sub Topic	Month
1	Illustration	Drawing for life & outdoor sketch Space maintain - composition arrangement Illustration color continue National events and celebration. Culture-dance, drama, music and art	October
2	Poster making	Tourism Cultural activities commercial products Commercial products.	November
3	COMPOSITION- Poster making	Madhubani & Kalighatpata Chitra, Theory Ideas social, national and international.	December
4	COMPOSITION	Revision.	January – February



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

## SYLLABUS BIFURCATION - MONTHWISE (2023-24)

CLASS: XII B

SUBJECT: **BENGALI**

Sl. No	Topic	Sub Topic	Month
1	গল্প – ভারতর্ষ কবিতা – পড়তে জানে এমন এক মজুরের প্রশ্ন	*লেখক পরিচিতি *গল্প পাঠ *প্রশ্নের উত্তর লেখা [MCQ/SAQ/BQ]	October
2	ব্যাকরণ	বোধপরীক্ষণ, * ধ্বনিতত্ত্ব * শব্দার্থতত্ত্ব * বাগধারা ও প্রবাদ প্রবচন	
3	নির্মিতি	*প্রতিবেদন রচনা * বিজ্ঞাপন রচনা	
4	গল্প – মেঘের গায়ে জেলখানা গল্প – ভাত	*গল্প/কবিতা পাঠ *প্রশ্নের উত্তর লেখা [MCQ/SAQ/BQ]	November
5	ব্যাকরণ	বোধপরীক্ষণ, * ধ্বনিতত্ত্ব * শব্দার্থতত্ত্ব * বাগধারা ও প্রবাদ প্রবচন	
6	নির্মিতি	*প্রতিবেদন রচনা * বিজ্ঞাপন রচনা	December
7		Revision	January



## TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADHAHA

### SYLLABUS BIFURCATION MONTHLY (2023-24)

CLASS: XII B

SUBJECT: **HINDI**

Sl. No.	Topic	Sub Topic	Month
1.	<ul style="list-style-type: none"><li>➤ कवितावली (उत्तर कांड से) लक्ष्मण-मूच्छ और राम का विलाप- (काव्य खंड)</li><li>➤ <u>जूझ</u> (वितान, भाग 2 पूरक पाठ्यपुस्तक)</li><li>➤ <u>श्रम-विभाजन और जाति-प्रथा, मेरी कल्पना का आदर्श समाज-(गद्य खंड)</u></li></ul>	> लेखक परिचय / कवि परिचय पाठ परिचय, पठन -पाठन पाठ के आधार पर प्रश्नोत्तर	September- October
2.	<ul style="list-style-type: none"><li>➤ <u>रुबाइयाँ</u> (काव्य खंड)</li><li>➤ जनसंचार और प्रिंट माध्यम जनसंचार माध्यम के लिए लेखन</li><li>➤ <u>अतीत में दबे पाँव-</u> (वितान, भाग 2-पूरक पाठ्यपुस्तक)</li></ul>	> लेखक परिचय / कवि परिचय पाठ परिचय, पठन -पाठन पाठ के आधार पर प्रश्नोत्तर	November
3.	<ul style="list-style-type: none"><li>➤ <u>छोटा मेरा खेत, बगुलों के पंख</u>(काव्य खंड)</li><li>➤ श्रवण एवं वाचन</li><li>➤ परियोजना</li></ul>	> लेखक परिचय / कवि परिचय पाठ परिचय, पठन -पाठन पाठ के आधार पर प्रश्नोत्तर > आभ्यास कार्य , परियोजना कार्य , चर्चा विभिन्न विषयों पर श्रवण एवं वाचन	December
4.	<ul style="list-style-type: none"><li>➤ पुनरावृत्त कार्य</li></ul>		January -February



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADHAHA

## SYLLABUS BIFURCATION - TERMWISE (2023-24)

**CLASS: XII B**

**SUBJECT: ENGLISH**

Sl. No	MONTH	FA	PRE-BOARD	REHEARSAL
1	October	Going Places Invitation Writing	All chapters	All chapters
2	November	Aunt Jennifer's Tigers On the face of it Memories Article/Report Writing		



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADHAHA

## SYLLABUS BIFURCATION - TERMWISE (2023-24)

**CLASS: XII B**

**SUBJECT: COMPUTER SCIENCE**

Sl. No	MONTH	FA	PRE-BOARD	REHEARSAL
1	November	Structured Query Language	All chapters	All chapters
2	December	Interface of python with an SQL database		



## TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADHAHA

### SYLLABUS BIFURCATION - TERMWISE (2023-24)

**CLASS: XII B**

**SUBJECT: PURE MATHEMATICS**

Sl. No	MONTH	FA	PRE-BOARD	REHEARSAL
1	October	Vector, Differential equations	Full syllabus	Full syllabus for Rehearsal exam
2	November	3D		
3	November	LPP		
4	December			
5	January			



## TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADHAHA

### SYLLABUS BIFURCATION - TERMWISE (2023-24)

**CLASS: XII B**

**SUBJECT: ECONOMICS**

Sl. No	MONTH	FA	PRE-BOARD	REHEARSAL
1	October	1 FA (Employment:Growth, Informalisation and other issues, Environment and Sustainable development)	Half yearly syllabus +Employment:Growth, Informalisation and other issues +Environment and Sustainable development+Open economy macroeconomics	Full CBSE syllabus
2	November	1 FA (Open economy macroeconomics)		
3	December	1 FA (Comparative development experiences of India and its neighbours)		
4	January			



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

## SYLLABUS BIFURCATION - TERMWISE (2023-24)

**CLASS: XII B**

**SUBJECT: ACCOUNTANCY**

Sl. No	MONTH	FA	PRE-BOARD	REHEARSAL
1	October	Accounting for Share Capital (TEST FM – 10)	<b>1. Accounting for Companies</b> <b>2. Analysis of Financial Statements</b> <b>3. Cash Flow Statement</b>	Full syllabus
2	November	Accounting for Debentures (TEST FM – 10)		
3	December	Financial statements of a Company ( CASE STUDY)		
4	January	Preparation Cash Flow Statement (as per AS 3 (Revised) (Indirect Method only) ( quiz)		



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

## SYLLABUS BIFURCATION - TERMWISE (2023-24)

**CLASS: XII B**

**SUBJECT: BUSINESS STUDIES**

Sl. No	MONTH	FA	PRE-BOARD	REHEARSAL
1	October	Motivation - concept, Maslow's hierarchy of needs, Financial and non-financial incentives (Case Study)	Full syllabus	Full syllabus for Rehearsal exam
2	November	Marketing Mix – Concept and elements Product – branding, labelling and packaging – Concept ( F M: 10)		
3	December	The Consumer Protection Act, 2019 (Quiz)		
4	January	Consumer awareness - Role of consumer organizations and Non-Governmental Organizations (NGOs) (F M: 10)		



## TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

### SYLLABUS BIFURCATION - TERMWISE (2023-24)

**CLASS: XII B**

**SUBJECT: APPLIED MATHEMATICS**

Sl. No	MONTH	FA	PRE-BOARD	REHEARSAL
1	October	1 FA (Index numbers and time series, LPP)	Full syllabus	Full syllabus for Rehearsal exam
2	November	1 FA (Inferential Statistics)		
3	December	1 FA (Probability) + 1 FA (Whole syllabus)		
4	January			



## TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

### SYLLABUS BIFURCATION - TERMWISE (2023-24)

**CLASS: XII B**

**SUBJECT: PHYSICAL EDUCATION (048)**

Sl. No	MONTH	FA	PRE-BOARD	REHEARSAL
1	October	Biomechanics and Sports	Full syllabus	Full syllabus for Rehearsal exam
2	November	Psychology and Sports		
3	November			
4	December			
5	January			





# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

## SYLLABUS BIFURCATION - TERMWISE (2023-24)

CLASS: XII B

SUBJECT: COMMERCIAL ART

Sl. No	MONTH	FA	PRE-BOARD	REHEARSAL
1	October	CLASS TEST-10 MARKS	Full syllabus	THEORY-30 PRACTICAL-70
2	November	CLASS TEST-10 MARKS		
3	November			
4	December			
5	January			



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

## SYLLABUS BIFURCATION - TERMWISE (2023-24)

CLASS: XII B

SUBJECT: BENGALI

Sl. No	MONTH	FA	PRE-BOARD	REHEARSAL
1	October	গল্প – ভারতর্ষ কবিতা – পড়তে জানে এমন এক মজুরের প্রশ্ন বোধপরীক্ষণ, * ধ্বনিতত্ত্ব * শব্দার্থতত্ত্ব * বাগধারা ও প্রবাদ প্রবচন * প্রতিবেদন রচনা * বিজ্ঞাপন রচনা	বোধপরীক্ষণ ধ্বনিতত্ত্ব, শব্দার্থতত্ত্ব বাগধারা ও প্রবাদ প্রবচন গল্প – কে বাঁচায়, কে বাঁচে- ভারতবর্ষ, ভাত নাটক – নানা রঙের দিন কবিতা – * রূপনারানাএর কূলে * আমি দেখি, * ক্রন্দনরতা জননীর পাশে। * পরতে পারে এমন একজন শ্রমিকের প্রশ্ন আমার বাংলা – * গারো পাহাড়ের নীচে * ছাতির বদলে হাতি * মেঘের গায়ে জেলখানা * পাতালপুরীর রাজ্যে নির্মিত – প্রতিবেদন রচনা বিজ্ঞাপন রচনা	বোধপরীক্ষণ ধ্বনিতত্ত্ব, শব্দার্থতত্ত্ব বাগধারা ও প্রবাদ প্রবচন গল্প – কে বাঁচায়, কে বাঁচে- ভারতবর্ষ, ভাত নাটক – নানা রঙের দিন কবিতা – * রূপনারানাএর কূলে * আমি দেখি, * ক্রন্দনরতা জননীর পাশে। * পরতে পারে এমন একজন শ্রমিকের প্রশ্ন আমার বাংলা – * গারো পাহাড়ের নীচে * ছাতির বদলে হাতি * মেঘের গায়ে জেলখানা * পাতালপুরীর রাজ্যে নির্মিত – প্রতিবেদন রচনা বিজ্ঞাপন রচনা
2	November	গল্প – মেঘের গায়ে জেলখানা, ভাত বোধপরীক্ষণ, * ধ্বনিতত্ত্ব * শব্দার্থতত্ত্ব * বাগধারা ও প্রবাদ প্রবচন * প্রতিবেদন রচনা * বিজ্ঞাপন রচনা		
3	December			



# TECHNO INDIA GROUP PUBLIC SCHOOL, ARIADAHA

## SYLLABUS BIFURCATION - TERMWISE (2023-24)

CLASS: XII B

SUBJECT: HINDI

Sl. No	MONTH	FA	PRE-BOARD	REHEARSAL
1	October	<ul style="list-style-type: none"><li>➤ कवितावली (उत्तर कांड से), लक्ष्मण-मूच्छ और राम का विलाप- (काव्यखंड)</li><li>➤ श्रम-विभाजन और जाति-प्रथा, मेरी कल्पना का आदर्श समाज- (गद्य खंड)</li></ul>	Full syllabus	
2	November	<ul style="list-style-type: none"><li>➤ अतीत में दबे पाँव (वितान, भाग 2 पूरक पाठ्यपुस्तक)</li></ul>		
3	December	<ul style="list-style-type: none"><li>➤ श्रवण एवं वाचन</li><li>➤ परियोजना</li></ul>		
4	January	<ul style="list-style-type: none"><li>➤ पुनरावृत्त कार्य</li></ul>		Full syllabus