

# Class 10 - Year Plan 2023-24

All Subjects

**St. Patrick's High School (ICSE)**

**Secunderabad**

**Class-X (Hindi-III)**

**Year Plan-(2023-24)**



Month – April

गद्य – २) काकी

व्याकरण – भाववाचक संज्ञा



Month – June

पद्य – २) कं डलिया

व्याकरण – पत्र िखने



गिरिधर कविराय ।



Month – July

गद्य- ४) नेताजी का चश्मा

पद्य- ४) वह जन्मभूलममेरी

व्याकरण – ववशेषण, वविोम



Month – August

गद्य – ६) बडे घर की  
बेटी पद्य – ६) मेघ  
आए

व्याकरण – पर्यायवाची, शब्ध  
रूप

वाक्य रूपांतरण





Month – September

गद्य – ८) भीड में खोया  
आदमी

पद्य – ८) लक्षक

व्याकरण – प्रस्ताव, िेखन,  
महावर,  
िकोक्त  
या





Month - October

पररयोजना काया - द्ववतीय



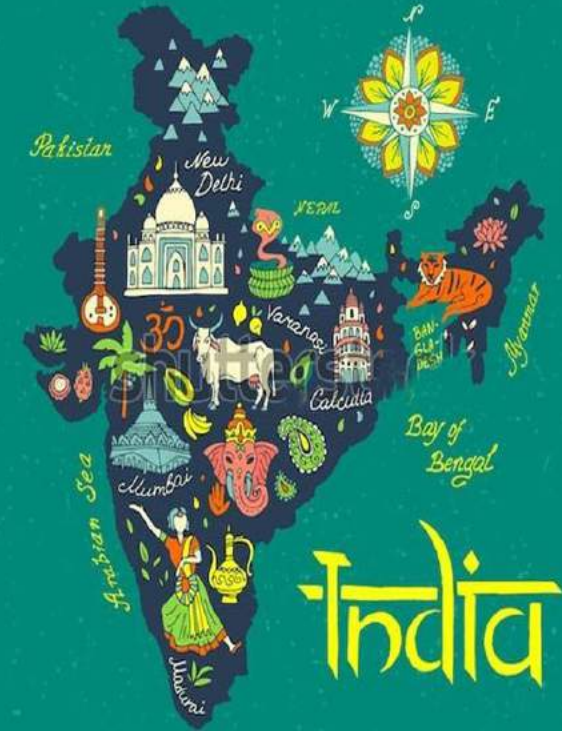


Month – November

गद्य – १०) दो किाकार

पद्य – १०) मातृ मंदिर मं दर  
की ओर

व्याकरण – काि, वाक्य भेद,  
वाच्य



Month – December

○ Revision for  
Pre Final  
Exams

Exam

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preparation



**Month – January**

○ **Pre Final – I**

○ **Pre Final – II**



**YEAR PLAN (2023- 2024)**

**X Telugu 2<sup>nd</sup> language**

Month	Lesson/Topics	Grammar
March	1 విధుల నీతి	త్వద్ధలు వ. చిర్రోక పాలుపథతి
	2 ఇద్ద ాముని సుద్ధాణ	విజుతులు, ప్దయఫాలు.
	3 సుధాణుం	
April (Unit Test - 1)	2 నీ నానాణ	లెలు, వుకూణులు
	3 ఆనానానం	వుసూణుద్ధువ. చిర్రోక
	3. తాపీ మేసర్	ఫాలు, త్తమితులు, ప్దయఫాలు.
June	4. ఆవురుపవోణు	లెలు, వుకూణులు
	4. పుణుజుపథానం	వుసూణుద్ధువ. చిర్రోక పాలు
July	5. విజుణం	జాతీయాలు సుతపవులు
	5. ఒక చీమకథ	లెలు వుసూణు త్తమితులు
	6. శతక మంజరీ	ర్దయం, వుకూణులు
August	6. సద్దేతంతర న్యపథంలో పుర ి ధ గతి లు	త్వద్ధలు వ. చిర్రోక పాలుపథతి
	7. కత్తుడు	విజుతులు, ప్దయఫాలు.
	7. కత్తులు ఉపసులు	
September	8. మానవం	లెలు, వుకూణులు
	భుణు	వుసూణుద్ధువ. చిర్రోక
October	లొకు పతులు	ఫాలు, త్తమితులు, ప్దయఫాలు.
	యాత మందిరం	లెలు, వుకూణులు
	అప్పరికి ప్దాలు	వుసూణుద్ధువ. చిర్రోక
November	యంతులు	ఫాలు, త్తమితులు, ప్దయఫాలు.
	10. సంసకతి	లెలు వుసూణు త్తమితులు
December (Unit Test - 2)	పవ్దుభుణు	ర్దయం, వుకూణులు
January	పవ్దుభుణు	
February	పురికి వోక్షు	



**CLASS : X**  
**ENGLISH - YEAR PLAN**  
**2023- 2024**

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## Class X ENGLISH YEARLY PLAN - 2023 - 2024

Month	LESSON / POEM	GRAMMAR and VOCABULARY
March – April 2023	Ls : 6 An Angel In Disguise Poem : 6 Daffodils	Recap of Different types of Essays, Formal and Informal Letter , Notice and Email.
June 2023	Recap of Ls 6 and Poem 6 Ls : 7 The Little Match Girl Poem : 7 I Know Why The Caged Bird Sings	Total English Chapter 1 Synthesis Paragraph Writing Comprehension Skills
July 2023	MOV : Recap of Act III Scene 1 Act III Scene 2 Ls : 8 The Blue Bead Poem : 8 The Patriot	Chapter 2 and 3 Transformation of Sentences 1 and 2 Stories and Characters Comprehension – Analysis,
Unit Test 1 Portion	MOV : Act III Scene 1 Ls : 6 and 7 Poem : 6 and 7	



## Class X ENGLISH YEARLY PLAN - 2023 – 2024

Month	LESSON / POEM	GRAMMAR and VOCABULARY
August 2023	MOV Act III Scenes 3,4 and 5 Ls : 9 My Greatest Olympic Prize Poem : 9 Abou ben Adhem	Chapter 4 and 5 Tenses and their Uses 1 and 2 Composition and Critical Writing Format of Personal and Formal Letter(1)
September 2023	MOV Act IV Scenes 1 and 2	Chapter 6 and 7 Sequence of Tenses, Gathering the Subject Matter, Formal Letter(2) Revision for Term 1 Exam
Term 1 Portion	MOV Act III Full Ls : 7,8 and 9 Poem : 7,8 and 9	
November 2023	MOV Act V Full Ls : 10 All Day In A Summer Poem : 10 Nine Gold Medals	Chapter 8,9 and 10 Conditional Sentences Organization and Planning, Beginning and Ending of Composition. Notice and Email.
December 2023	RECAP of All Lessons, Poem and MOV for Board Exams.	RECAP of All Grammar and Vocabulary for Board Exams

X MATHS YEAR PLAN (2023-24)

S.No	Month		Teaching points	No.of periods
1	March	Ch-24	<p><b>Graphical representation of statistical data</b></p> <ul style="list-style-type: none"> <li>*Review of important concepts</li> <li>*Histogram, methods of drawing histogram</li> <li>*Cumulative frequency curve (or) Ogive</li> <li>*Method of drawing an Ogive</li> </ul>	6
2	April	Ch-25	<p><b>Measures of central Tendency (Mean)</b></p> <ul style="list-style-type: none"> <li>*Average Or Mean of a data</li> <li>*AM of ungrouped and grouped data</li> <li>*Formulae for mean of grouped data in the form of classes(Inclusive &amp; Exclusive)</li> <li>*Direct, Assumed mean(shortcut)</li> <li>* Step deviation method</li> </ul>	12



3	April	Ch-26	<p><b>Median, Quartiles And Mode</b></p> <ul style="list-style-type: none"> <li>*Median of an ungrouped data</li> <li>*Median &amp; Modal class of grouped data</li> <li>*Finding the mode from the histogram</li> <li>* Finding Quartiles (<math>Q_1, Q_2, Q_3</math>) from Ogive</li> <li>* Calculation of Inter Quartile Range</li> </ul>	10
4	June	Ch-1	<p>Goods and Services Tax (GST)</p> <ul style="list-style-type: none"> <li>*Intrastate(local), CGST and SGST</li> <li>*Interstate (between the states and Union territories)</li> </ul> <p>Integrated GST</p> <ul style="list-style-type: none"> <li>*Computation of tax including problems involving Discount, Profit , Loss, CP, SP,LP etc.</li> </ul>	6

5	June	Ch-2	<b>BANKING</b> *Calculation of maturity value *Recurring/Cumulative Time deposit scheme *Calculation of interest on recurring deposit	6
6	June	Ch-3	Shares And Dividends	6
7	July	Ch-22	<b>Trigonometrical Identities</b> *Trigonometrical ratios( T- ratios) *Relation Between T-ratios *Quotient Relations *Square Relations	10

8	July	Ch-23	<p>Heights And Distances</p> <ul style="list-style-type: none"> <li>*Line of sight</li> <li>* Angle of Elevation</li> <li>*Angle of Depression</li> <li>*Problems based on two right angled triangles</li> </ul>	8
9	July	Ch-21	<p>Mensuration (Cylinder, Cone and Sphere)</p> <ul style="list-style-type: none"> <li>*Volume and Surface Areas of Solids</li> <li>*Cone, Sphere, Spherical shell, Hemisphere</li> <li>*Combination of solids (Toys, Ironpillar etc)</li> </ul>	12
10	August	Ch-4	<p>Linear Inequations</p> <ul style="list-style-type: none"> <li>*Solving algebraically and writing the solution in set notation form</li> <li>*Represent the solution on Number Line</li> </ul>	6



11	August	Ch-5,6	<p>Quadratic Equations and Word problems</p> <ul style="list-style-type: none"> <li>*Solving QEs by Factorization method</li> <li>*Solving QEs by Quadratic formula</li> <li>*Nature of Roots of a Quadratic Equation</li> <li>*Framing QEs and finding its solution</li> </ul>	12
12	August	Ch-7	<p>Ratio and Proportion</p> <ul style="list-style-type: none"> <li>*Continued proportion</li> <li>*Mean and third proportion</li> <li>*Some Results on Properties of Proportion</li> </ul>	10
13		Ch-8	<p>Remainder And Factor theorem</p> <ul style="list-style-type: none"> <li>*Factor and Remainder of polynomials</li> <li>*Factorising a Polynomial completely.</li> <li>*Hit&amp;Trial method for finding linear factors</li> </ul>	8

14	September	Ch-9	<p>Matrices</p> <ul style="list-style-type: none"> <li>*Introduction &amp; its order</li> <li>*Compatibility for addition &amp; multiplication</li> <li>*Row, Column, Null and Identity Matrices</li> <li>*Additions, Multiplications of 2x2 matrices by a non-zero rational and by matrix</li> </ul>	6
15	September	Ch-10	<p>Arithmetic Progressions</p> <ul style="list-style-type: none"> <li>*Finding their General term</li> <li>*Finding sum of their first n-terms</li> </ul>	8
16	September	Ch-11	<p>Geometric Progressions</p> <ul style="list-style-type: none"> <li>*Finding their General term</li> <li>*Finding sum of their first n-terms</li> </ul>	4

17	October	Ch-12	<b>Reflection</b> *Point in the line $x=0,y=0,x=a,y=a$ *point in the origin and invariant points *Combination of Reflections	5
18	November	Ch-13	Section and Midpoint formulae *Section formulae(points of trisection, midpoint formula) *Centroid and finding coordinates of vertices of triangle	5
19	November	Ch-14	Equation of Straight Lines *slope form $y=mx,$ *slope intercept form $y=mx+c,$ *slope point form of line $(y-y_1) =m(x-x_1)$ *Two point form of line $(y-y_1)(x_2-x_1) =(y_2-y_1)(x-x_1)$ *Understanding of slope(m) and y-intercept *Conditions for parallel and perpendicular lines *simple applications of all the above	8



20	November	Ch-15,16	<p>Similarity of Triangles,models</p> <ul style="list-style-type: none"> <li>*Calculation of maturity value</li> <li>*Recurring/Cumulative Time deposit scheme</li> <li>*Calculation of interest on recurring deposit</li> </ul>	12
21	November	Ch-17	Loci	4
22	December	Ch-18	<p>Angle and Cyclic properties of circle</p> <ul style="list-style-type: none"> <li>*Angles in same segment of circle and semicircle</li> <li>*Opposite angles of cyclic Quadrilateral</li> <li>*Angles of a cyclic and semicircle ,circles</li> </ul>	4

23	December	Ch-19	<p>Tangent properties of circle</p> <ul style="list-style-type: none"> <li>*Theorems based on tangent properties</li> <li>*Intersecting chords and tangents, alternate segments of a circle</li> </ul>	4
24	December	Ch-20	<p>Constructions</p> <ul style="list-style-type: none"> <li>*pair of tangents from point to the given circle</li> <li>*Circumcircle, Incircle of a triangle etc</li> <li>*Construction of Regular Hexagon</li> </ul>	4
25	December	Ch-27	<p>Probability</p> <ul style="list-style-type: none"> <li>*Introduction &amp; Some terms related to probability</li> <li>*Events (sure, impossible, complementary)</li> <li>*Simple problems on single events</li> </ul>	6

*NEVER GIVE UP*

*REMAIN UNDEFEATED*

Work Hard,  
Stay Focused,  
Make it Happen.









# THE REVOLT OF 1857

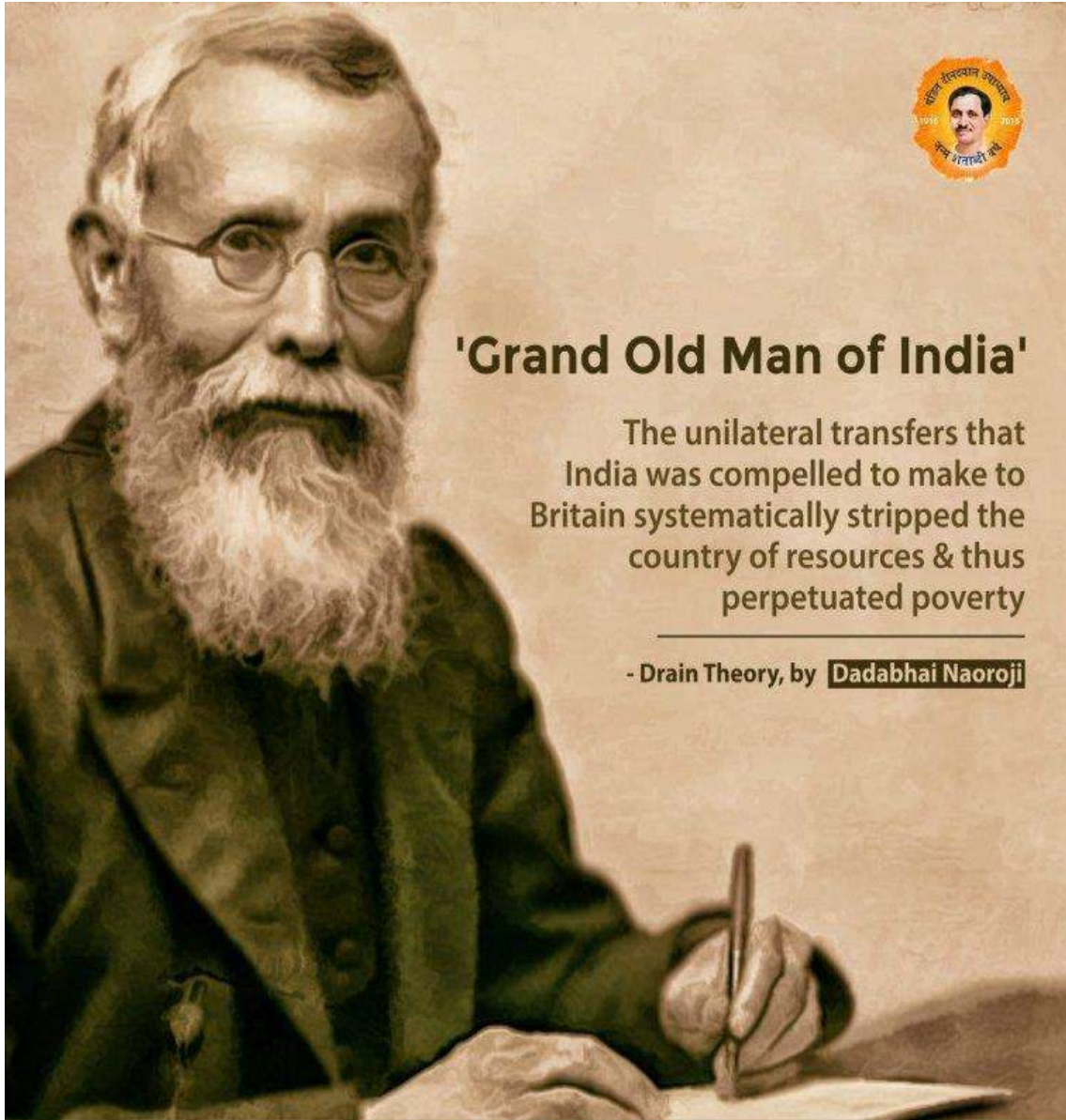


*MARCH-JUNE* PORTION





# JULY : PORTION : UT 1



**'Grand Old Man of India'**

The unilateral transfers that India was compelled to make to Britain systematically stripped the country of resources & thus perpetuated poverty

- Drain Theory, by **Dadabhai Naoroji**

- First Phase of Indian freedom struggle
- Growth of Nationalism
- Second Phase of freedom struggle

- President and Vice President

## SECOND PHASE OF THE INDIAN NATIONAL MOVEMENT PART 02



**Moderate  
and  
Extremist**



**SURAT SPLIT**





# **POWERS & DUTIES OF THE PRESIDENT**

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- **Administrative Power**

- **Legislative Power**

- **Justice Power**

- **Military Power**

- **Diplomatic Power**

- **Veto Power**

- **Ordinance Power**

- **Emergency Power**



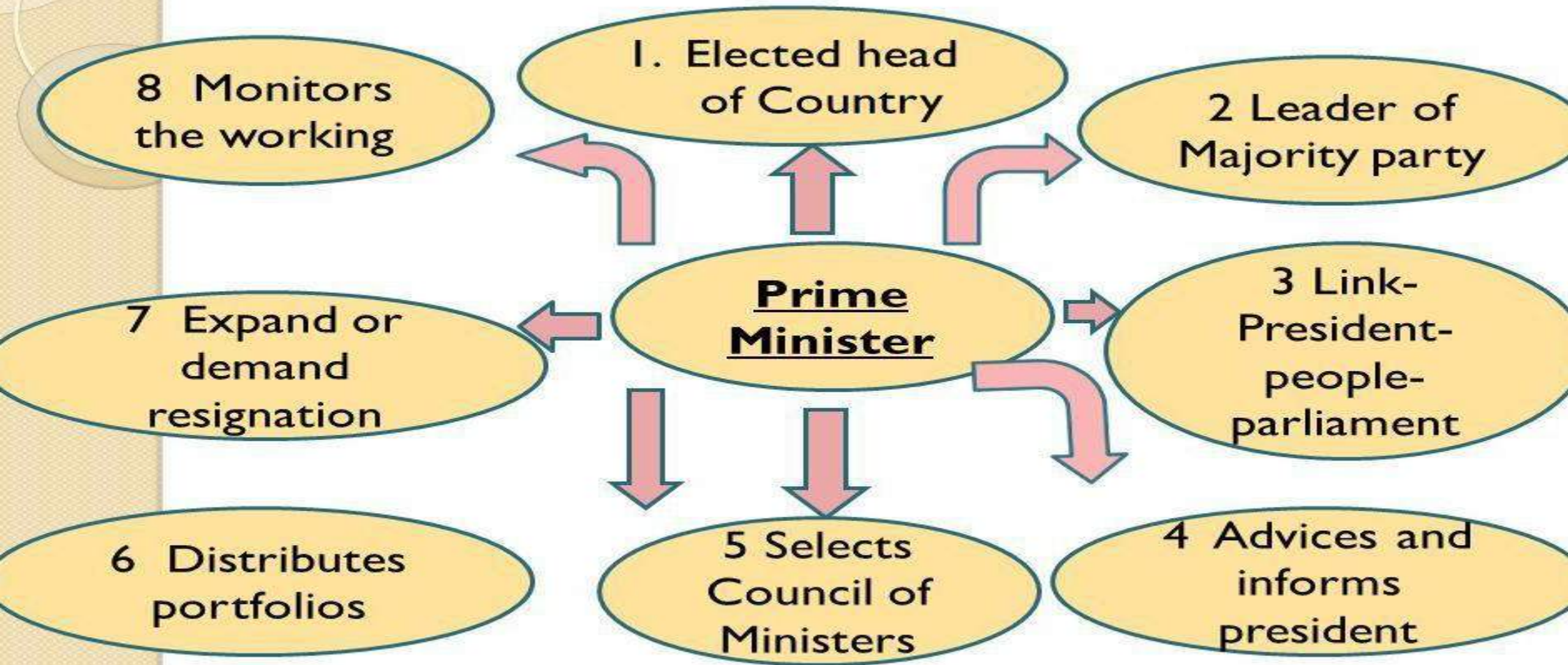
• **AUGUST PORTION**

• **FORMATION OF MUSLIM LEAGUE: 1906.**





## Functions of The Prime Minister





# GANDHIAN ERA(1917-1947): AUGUST



# *THE FORWARD BLOC*





EW





# QUIT INDIA MOVEMENT : 1942: SEPTEMBER

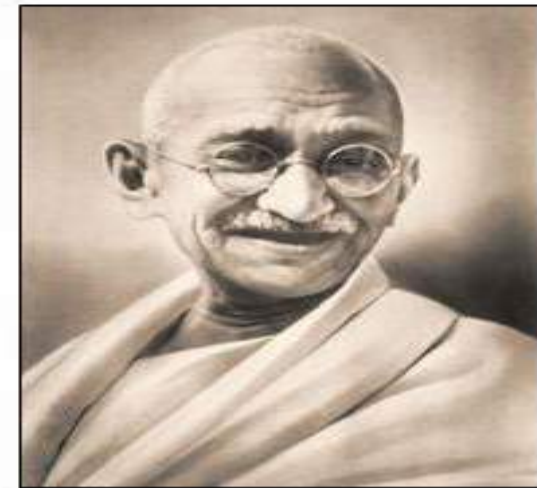
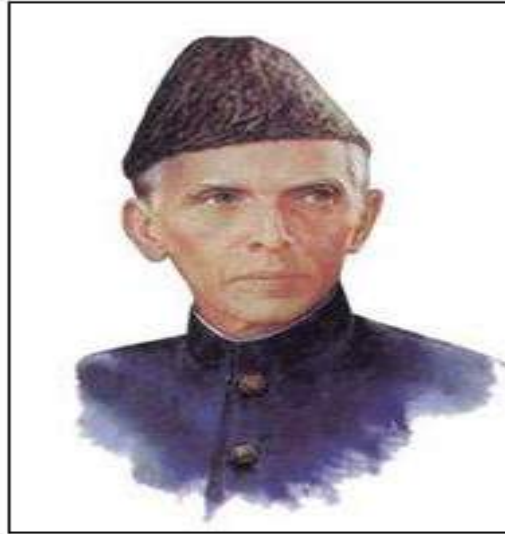




# INDIAN INDEPENDENCE AND PARTITION



# Indian Independence and Partition





# SEPTEMBER PORTION



## SUPREME COURT OF INDIA



LARGEST NET SALES of any Daily Newspaper Printed in Northern, Southern, Central or Western India. REGD. No. 6111

# The Times of India

ESTABLISHED 1858

NO. 133. VOL. CIX. BOMBAY: FRIDAY, AUGUST 15, 1947 PRICE TWO ANNAS

## BIRTH OF INDIA'S FREEDOM

### NATION WAKES TO NEW LIFE

### Mr. Nehru Calls For Big Effort From People

### "INCESSANT STRIVING TASK OF FUTURE"

### Assembly Members Take Solemn Pledge

### WILD SCENES OF JUBILATION IN DELHI

### STATE VISIT TO KARACHI

### FRENZIED ENTHUSIASM IN BOMBAY

### Crowds In Festive Mood

### "MAY BOMBAY PROSPER"

### Governor's Message

### GOOD WISHES TO FREE INDIA



Mr. Nehru  
NEW CABINET OF INDIA

Their Excellencies Lord and Lady Mountbatten speaking to Pacific representatives at the Maurice Alport on their arrival

THIS national flag was hoisted over the 74-year-old Bombay Civil Secretariat at midnight when the citizens of Bombay greeted the dawn of Independence with solemn invocation and frenzied rejoicing.

"Citizens of free India—you are now free"—said the Prime Minister, Mr. B. C. Kher, in raising the flag at the midnight ceremony, which was attended by all Ministers and departmental heads and employees of the Bombay Government.

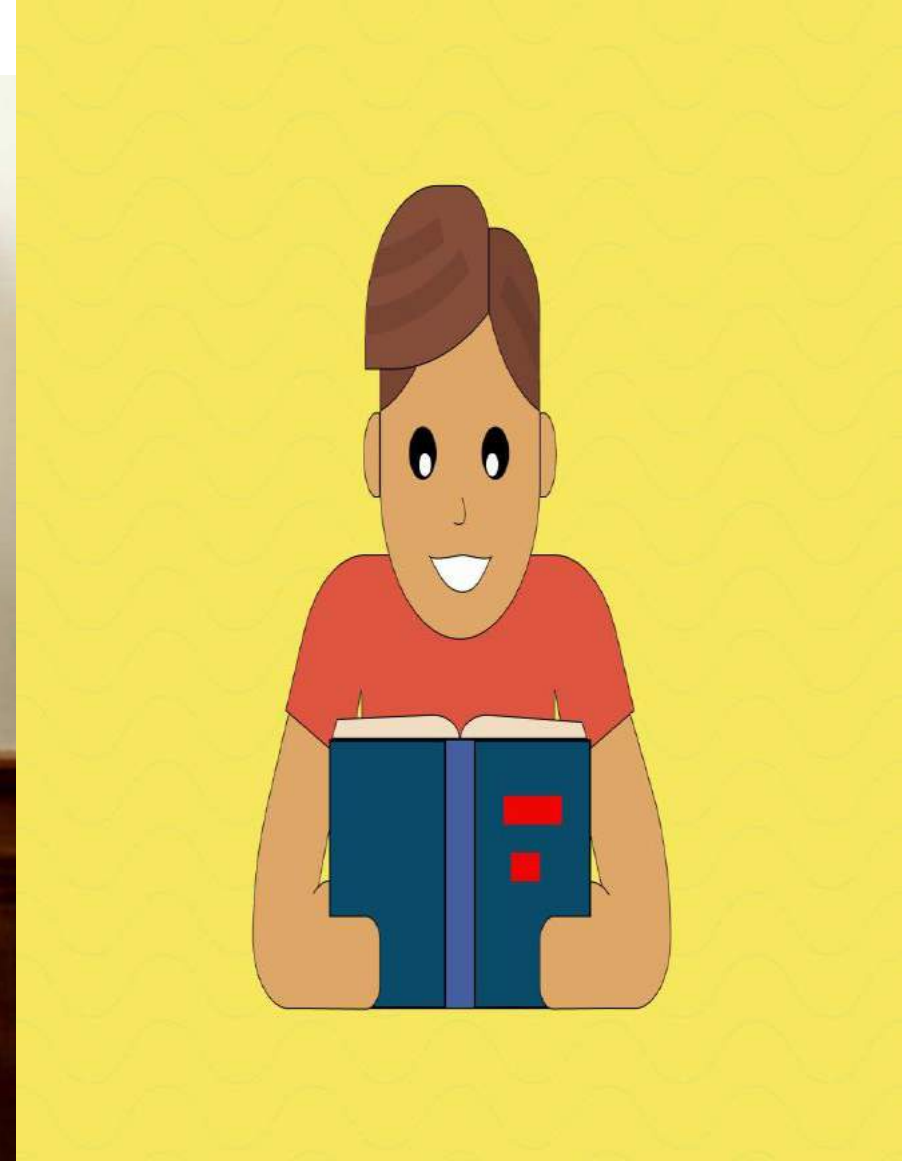
Its declaration was greeted with cheers from the thousands who gathered at the approach to the Secretariat.

A strong police guard kept order with the greatest difficulty till the conclusion of the ceremony when they lost control and hundreds of people were injured.

Sir John Colville, Governor of



HONBLE CJI OF INDIA: DHANANJAY Y  
CHANDRACHUD. MID TERM EXAM: OCTOBER





EUROPE WAR : WORLD WAR 1: NOVEMBER  
UNIT TEST:2



**The First World War**  
**1914-1918**



# Sommerschau über EUROPA 1915

erweiterter Maßstab  
3 gegen 5  
Verlag von Lucas Gräfe, Hamburg

Erster Heft Nr. 1



Jeder Staat an Gott  
was er kann,  
Doch heißt kein Staat  
sein Nachbar an.

Der Weges freut sich  
in der Zeit,  
Dass er den Frieden  
nicht nötig hat.

Der Deutsche sieht  
gerade nicht aus,  
Dass niemand ihn  
Balkenende ruft.

Der Däne will sich  
nicht verlieren,  
Daher geht er  
nach Süden weiter.

Das sind ein paar  
Polen die  
sich ruhig sind.

Ständig betende  
Nerven oder auch  
Drohgebärde aus  
zum Ende gebracht.

Der Russ flücht  
nach kurzer Frist,  
Wahrscheinlich  
gewonnen ist.

Marionette kriecht,  
Das Pferdchen aber  
zur Seite sind  
eben Karren der  
Friede sind nicht  
by Julla.

Es ist wunderbar  
wie die  
Kriegsgegenstände  
sich bewegen.

Woll niemand ihm  
was Böses tut,  
Denn derjenige  
sich selbst kauft.

In dieser beiden  
Nachbarländern  
Es ist zum Glück  
noch nichts verändert.

Hallo, ruft Spionen  
durchs Mikroskop:  
Wann kriech ich denn  
über den - Jope!

Es will haben  
das neue Treffen,  
Denn hat's auch  
Kraft gegeben.

Der Gorb möchte  
sein am Meer,  
Den Jullap  
kränkt das Meer.

Der Grieche spion  
in erster Zeit,  
Der Dichtung  
aller Dinge zu.

In dieser großen  
weisen Ländern,  
Wird es wohl auch  
noch viele ändern.

Der kranke Mann am goldenen Horn  
hat sich in Ufer's nach nicht verloren,  
Die Handlung von den Dichtern zu  
den letzten lieber wie in - Jope!







# THE TREATY OF VERSAILLES ✓@WORLD WAR 2





# TREATY SIGNED; WAR OVER



The

Evening

World.



"Circulation Books Open to All"

"Circulation Books Open to All"

PRICE TWO CENTS

NEW YORK, SATURDAY, JUNE 28, 1919.

16 PAGES

PRICE TWO CENTS

## WILSON LEAVES PARIS; SAILS SUNDAY GERMANS PLEDGED TO ACT IN GOOD FAITH

### CITY'S BELLS RING TIDINGS AS PEACE TREATY IS SIGNED; FLEET JOINS IN CELEBRATION

Flagship Pennsylvania is Head  
and First Salute of 21 Guns  
at New "Ocean Ship."

JOY IN WALL STREET.

Decorated Banners Flown  
From Flag in South River  
in Beach Play.

The signing of a peace treaty  
has given the 5,000,000 people of  
the metropolitan district  
the greatest joy since the  
war. The bells of the city  
rang out in a peal of  
triumph. The fleet of the  
navy joined in the celebration  
and the people of the city  
were in a state of jubilation.  
The signing of the treaty  
has given the people of the  
city the greatest joy since  
the war. The bells of the  
city rang out in a peal of  
triumph. The fleet of the  
navy joined in the celebration  
and the people of the city  
were in a state of jubilation.

### BEST DAY IN HISTORY SINCE BETHLEHEM, SAYS SECRETARY OF THE NAVY

Details Orders Every Hour  
While Ships in Trip Toward  
St. Omer for Peace.

Secretary of the Navy  
has declared today that  
the signing of the peace  
treaty is the best day in  
history since the birth of  
Christ. He said that the  
signing of the treaty is  
the best day in history  
since the birth of Christ.  
He said that the signing  
of the treaty is the best  
day in history since the  
birth of Christ. He said  
that the signing of the  
treaty is the best day in  
history since the birth of  
Christ.

### TREATY SEVERE ON GERMANY, SAYS WILSON, BUT IMPOSES NOTHING SHE CANNOT DO

#### President in an Address to the American Public Says It Fur- nishes a Charter for a New Order and Ends Rule of Selfish Groups

WASHINGTON, June 28.—In an address to the American people today President Wilson said that the peace treaty which he signed today is a charter for a new order and ends the rule of selfish groups. He said that the treaty is a charter for a new order and ends the rule of selfish groups. He said that the treaty is a charter for a new order and ends the rule of selfish groups. He said that the treaty is a charter for a new order and ends the rule of selfish groups.

### GUNS BOOM, PLANES FILL AIR; FRENCH CROWDS CHEER PEACE

#### GERMANS PLEDGED TO ENFORCE TREATY; NO RESERVATION

BRUSSELS, June 28.—The German government today pledged to enforce the peace treaty without reservation. The German government today pledged to enforce the peace treaty without reservation. The German government today pledged to enforce the peace treaty without reservation.

#### WILSON, STARTING FOR HOME, BIDS FRANCE GOOSPEED

PARIS, June 28.—President Wilson today bid goodnight to France as he started for home. He said that the signing of the peace treaty was a great day for the world. He said that the signing of the peace treaty was a great day for the world.

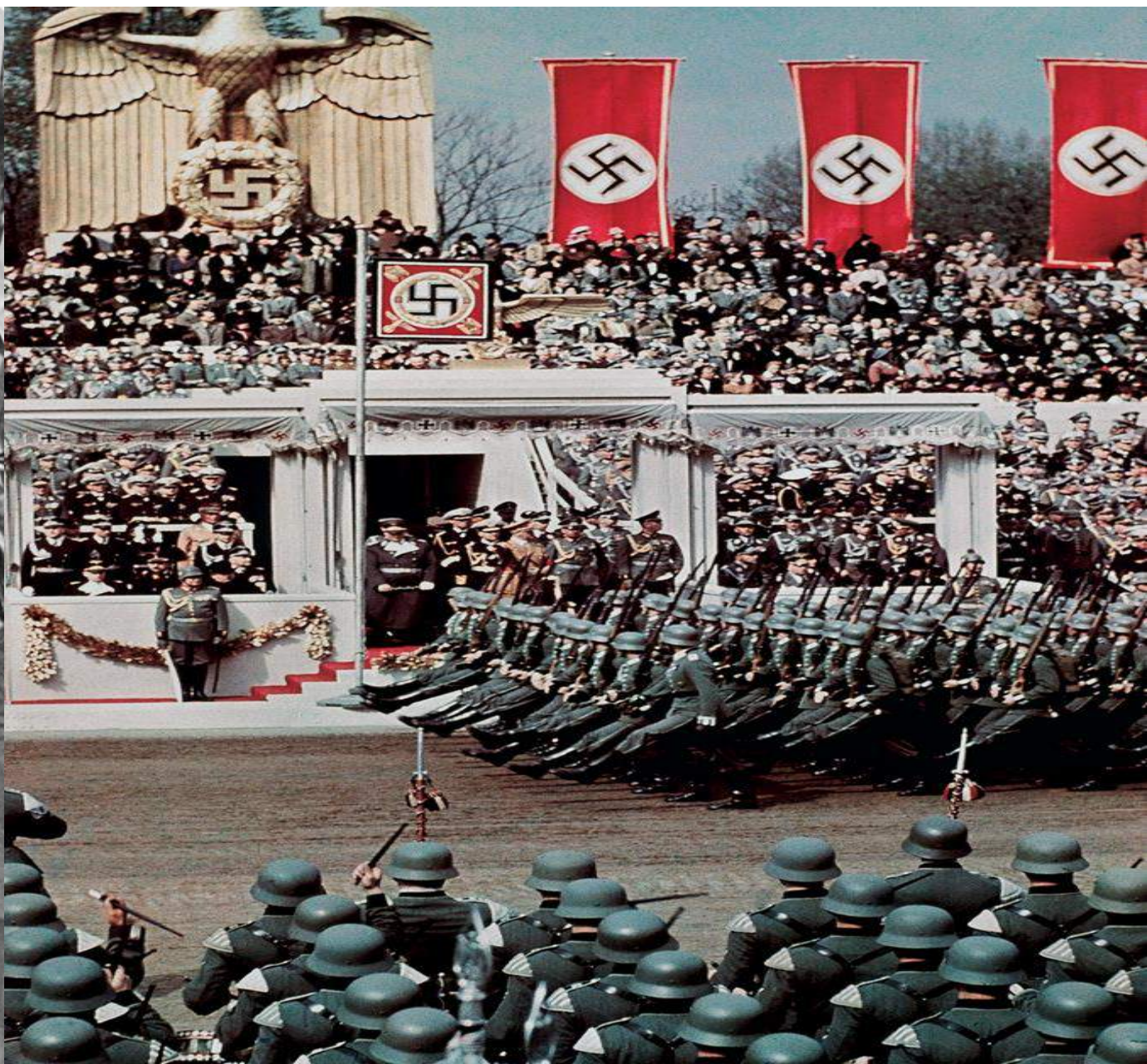
#### Mueller Signs for Germans at 3.12, Bell a Minute Later—Wilson's Name Comes Next, Followed by Lloyd George and Clemenceau.

#### Soldiers Break Ranks and Join in the Demonstrations of Joy—Chinese Refuse to Attend Ceremony and Gen. Smuts Signs Under Protest.

VERSAILLES, June 28 (Associated Press).—The World War was formally ended today by the signing of the Peace Treaty with Germany. The signing of the treaty was a great day for the world. The signing of the treaty was a great day for the world.



# THE RISE OF: HITLER AND MUSSOLINI





# *THE FACISM AND NAZISM*



# WORLD WAR 2: POLAND





FORMATION OF UNO: 1945 (DECEMBER)



# S AGENCIES: UNO





# NAM AND LOWER COURTS: DECEMBER



# CLASS X

## PHYSICS YEAR PLAN 2023-2024

### TERM 1





# MARCH

## 8. Current Electricity

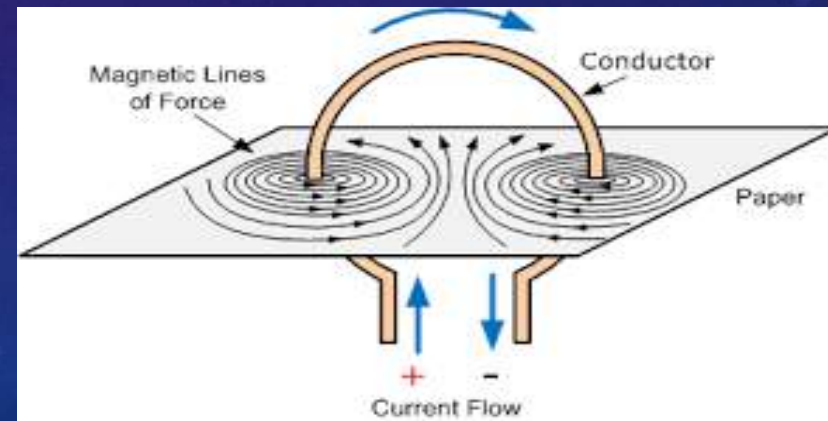
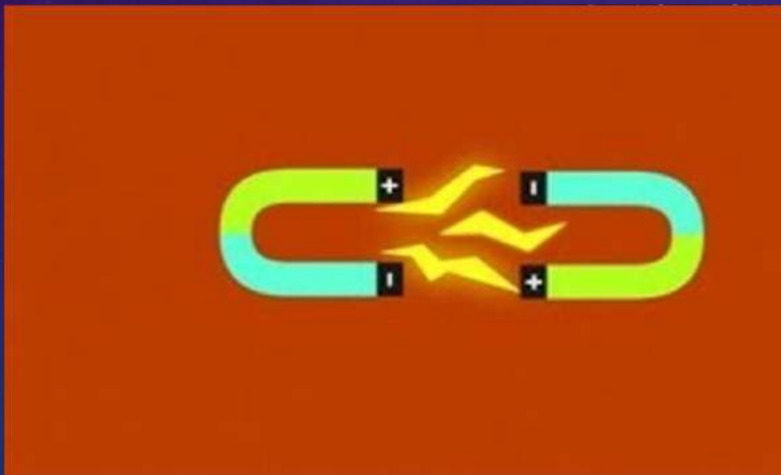


# JUNE

## 9. HOUSEHOLD CIRCUITS



## 10. ELECTROMAGNETISM

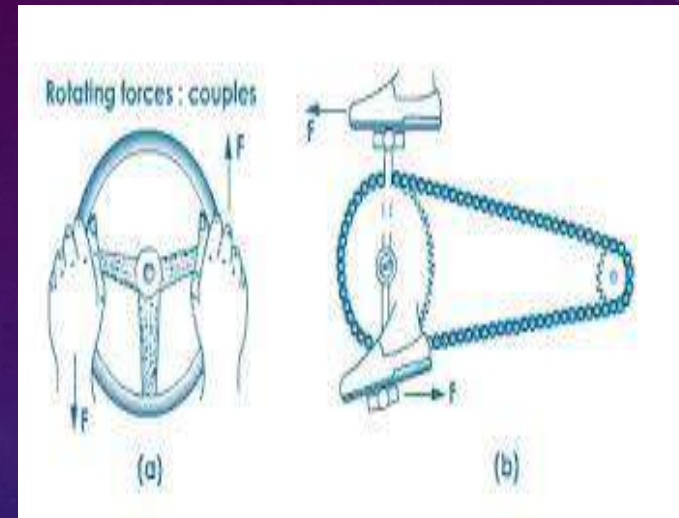




# JULY

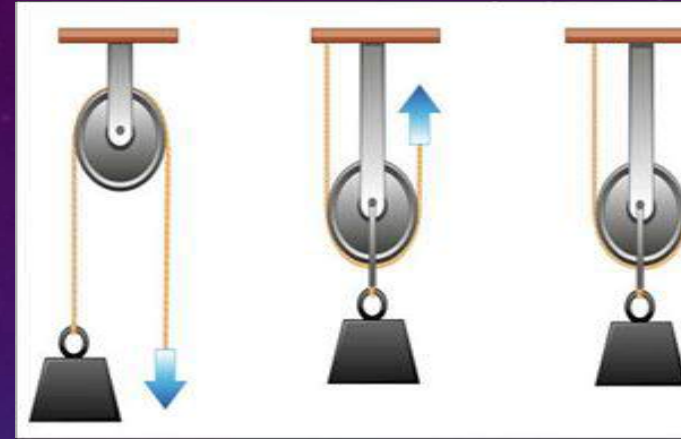
## 1.FORCE

## 2.WORK ENERGY AND POWER

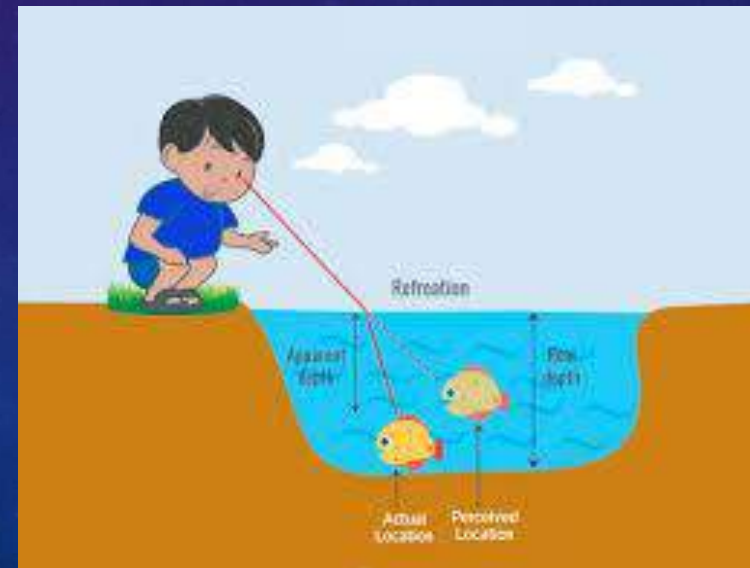


# AUGUST

## 3.MACHINES



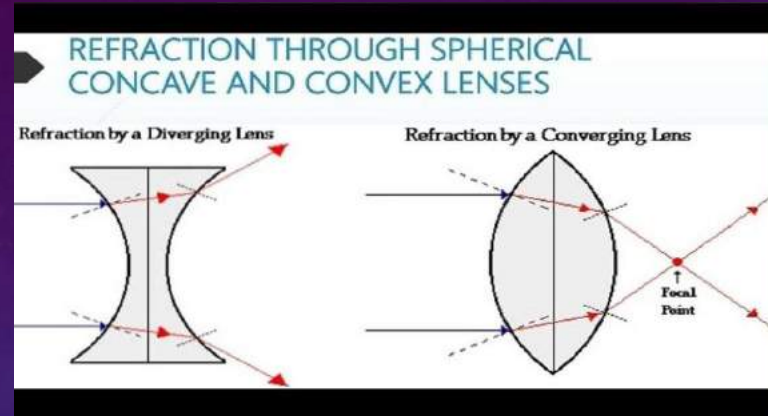
## 4.REFRACTION OF LIGHT AT PLANE SURFACES



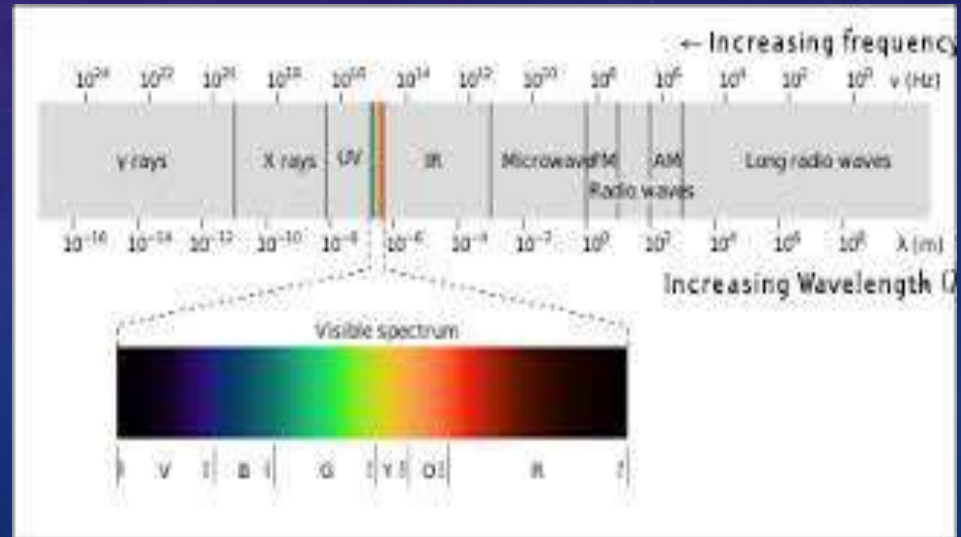


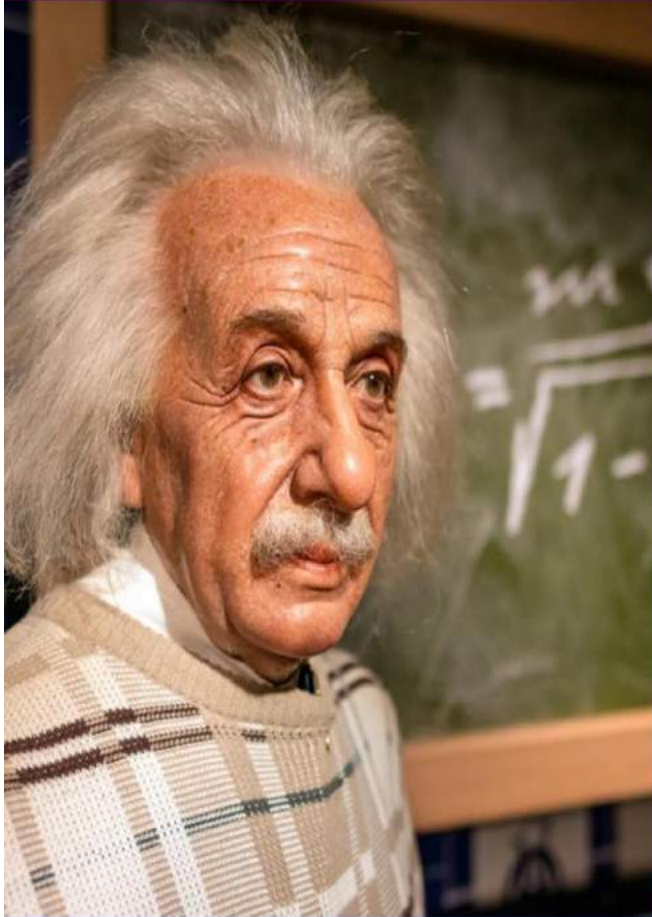
# SEPTEMBER

## 5. REFRACTION THROUGH A LENS



## 6. SPECTRUM





CLASS X  
PHYSICS  
TERM 2

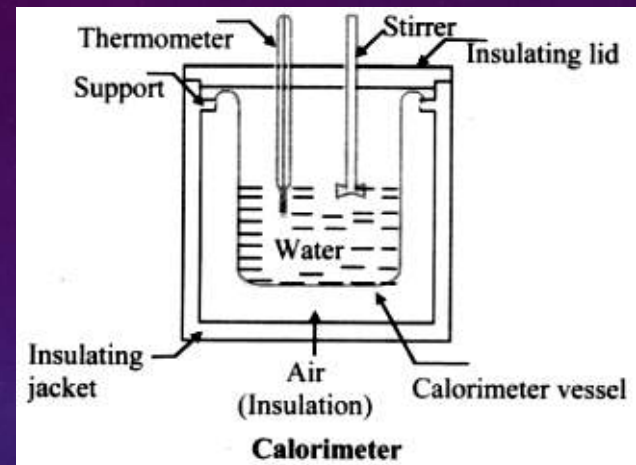




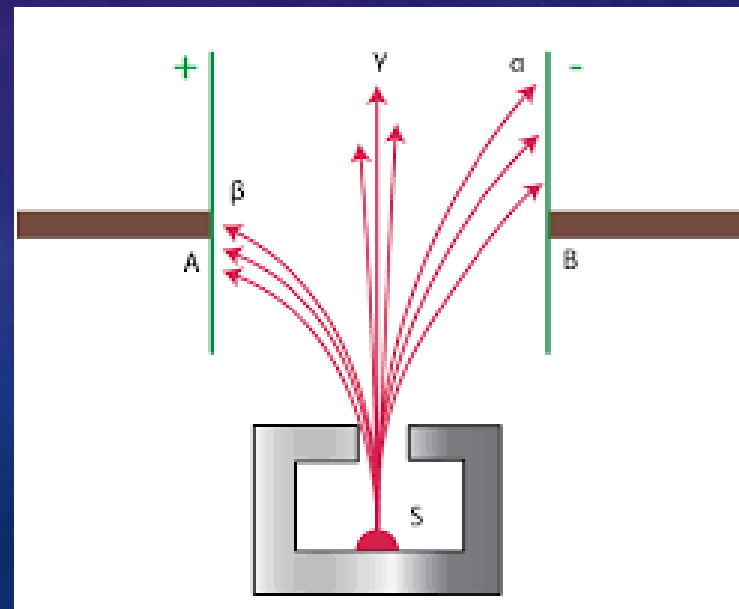


NOVEMBER

## 11. Calorimetry



## 12. Radioactivity







# BIOLOGY CLASS X

YEAR PLAN FOR THE ACADEMIC YEAR  
2023-2024.

# CLASS X YEAR PLAN

Month	Unit	Lessons
MARCH APRIL	Unit 1: Basic Biology	1. Structure of Chromosomes, Cell Cycle and Cell Division. 2. Genetics- Some Basic Fundamentals.
JUNE  JULY	Unit 2: Plant Physiology	1. Absorption by Roots-The Processes Involved. 2. Transpiration  3. Photosynthesis 4. Chemical coordination in Plants



Month	Unit	Lessons
AUGUST	Unit 3: Human Anatomy & Physiology	1. The Circulatory System 2. The Excretory System
SEPTEMBER	Unit 3: Human Anatomy & Physiology	1.The Nervous System 2.Sense Organs <b>REVISION FOR QUARTERLY EXAMINATION</b>
OCTOBER	Unit 3:Human Anatomy and Physiology	1.The Endocrine System 2.The Reproductive System
NOVEMBER	Unit 4: Human Evolution Unit 5:Population	1. Human Evolution 2.Population
DECEMBER	Unit 6: Pollution	1.Pollution -A Rising Environmental Problem
JANUARY FEBRUARY	UNIT1-6	<b>Annual Revision and Examination.</b>



# YEAR PLAN 2023-2024

## CHEMISTRY CLASS X





# MARCH-APRIL 2023

UNIT I - PERIODIC TABLE ,PERIODIC PROPERTIES AND PROPERTIES

UNIT II - CHEMICAL BONDING

UNIT III-ACIDS, BASES AND SALTS

VARIATIONS OF

Periodic table of the elements

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
1	H											B	C	N	O	F	He		
2	Li	Be										Al	Si	P	S	Cl	Ar		
3	Na	Mg										Zn	Ga	Ge	As	Se	Br	Kr	
4	K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	
5	Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe	
6	Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn	
7	Fr	Ra	Ac	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og	
lanthanoid series: 6			58	59	60	61	62	63	64	65	66	67	68	69	70	71			
actinoid series: 7			90	91	92	93	94	95	96	97	98	99	100	101	102	103			
			Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr			

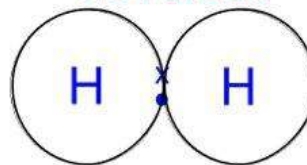
\*Numbering system adopted by the International Union of Pure and Applied Chemistry (IUPAC). © Encyclopædia Britannica, Inc.

## Chemical Bonding

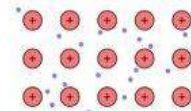
Ionic



Covalent



Metallic

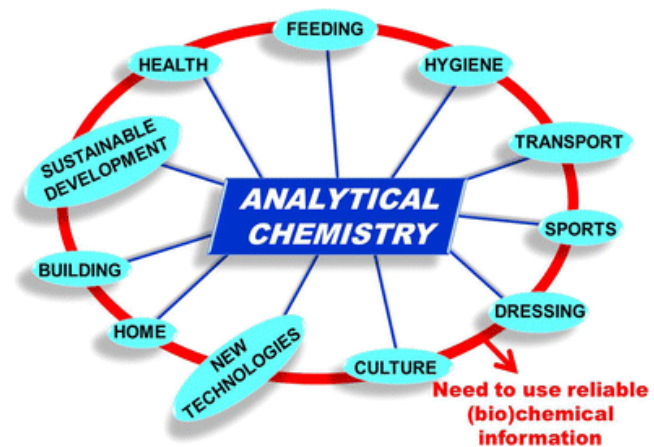
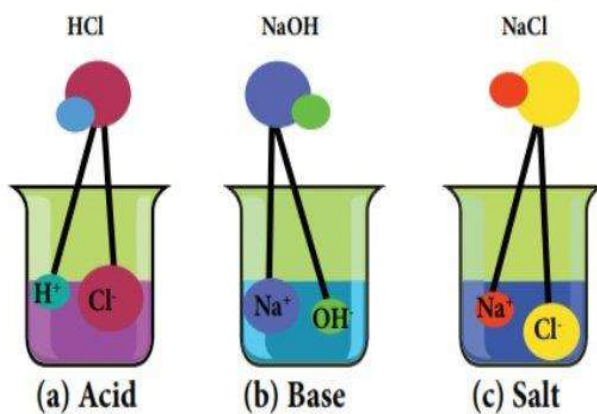


# JUNE

UNITS III - ACIDS BASES AND SALTS(CONTINUATION)

UNIT IV - ANALYTICAL CHEMISTRY

UNIT V -MOLE CONCEPT AND STOICHIOMETRY



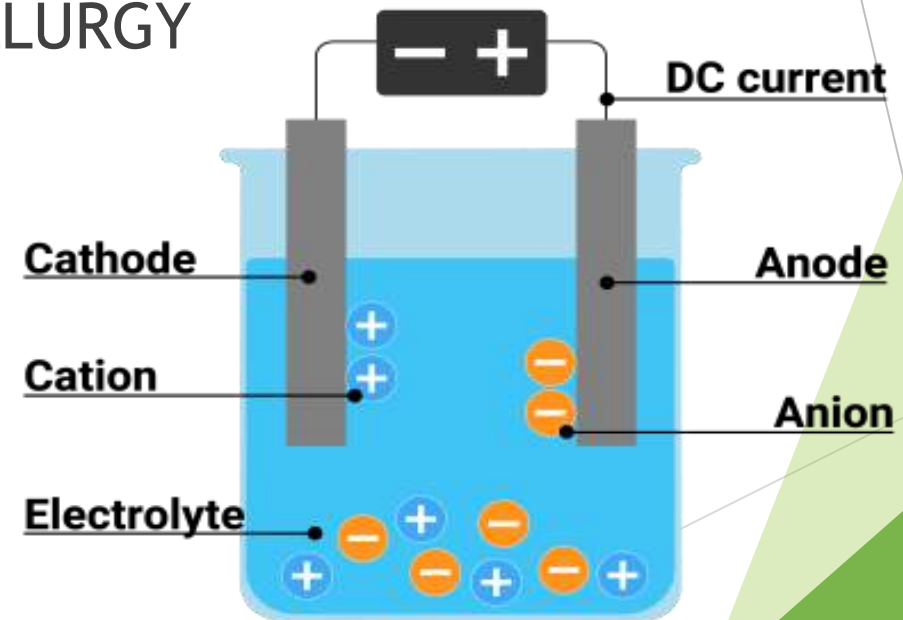
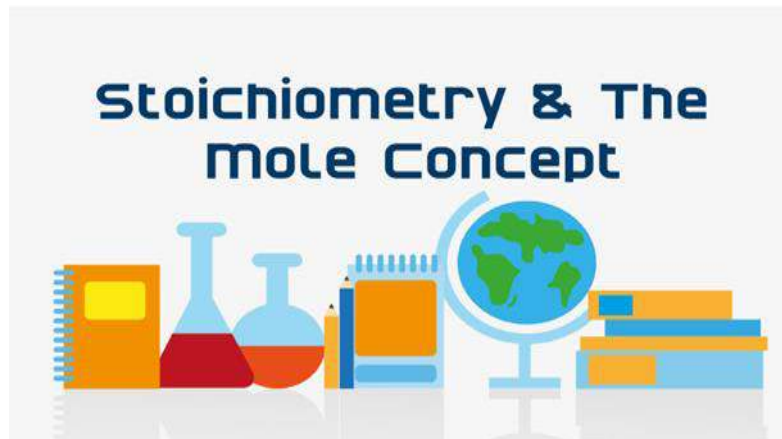


# JULY

UNIT V -MOLE CONCEPT AND  
STOICHIOMETRY(CONTD.)

UNIT VI - ELECTROLYSIS

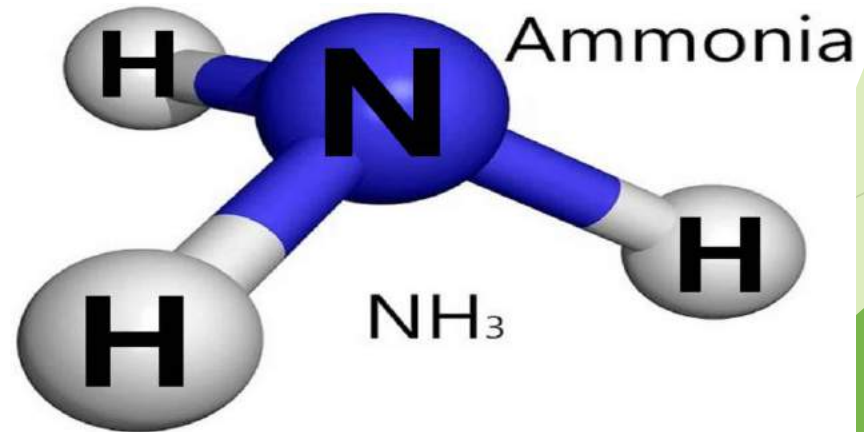
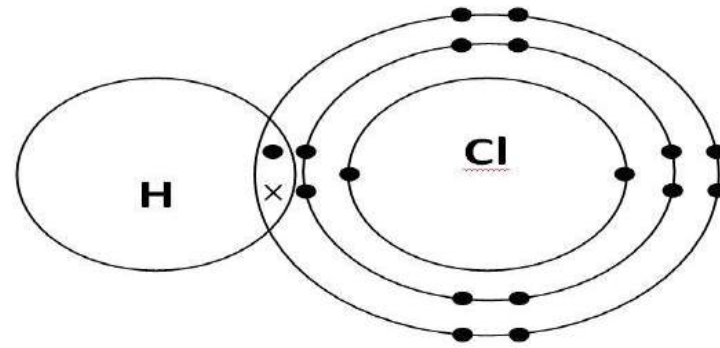
UNIT VII -- METALLURGY



# AUGUST

UNIT VIII - HYDROGEN CHLORIDE

UNIT IX - AMMONIA

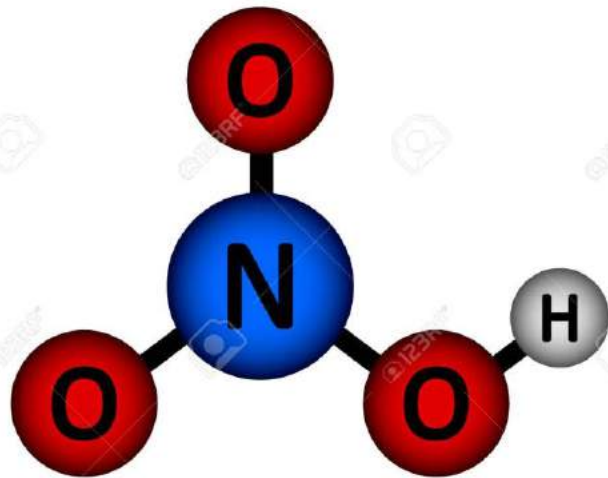




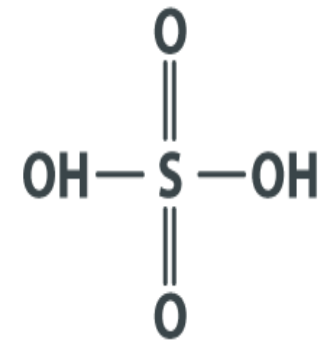
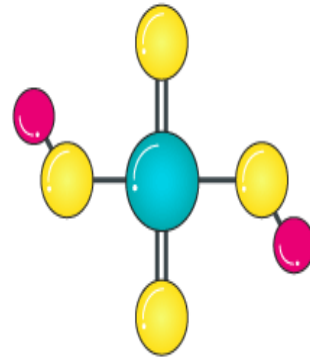
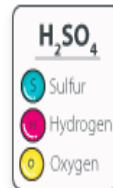
# SEPTEMBER

UNIT X --NITRIC ACID

UNIT XI - SULPHURIC ACID

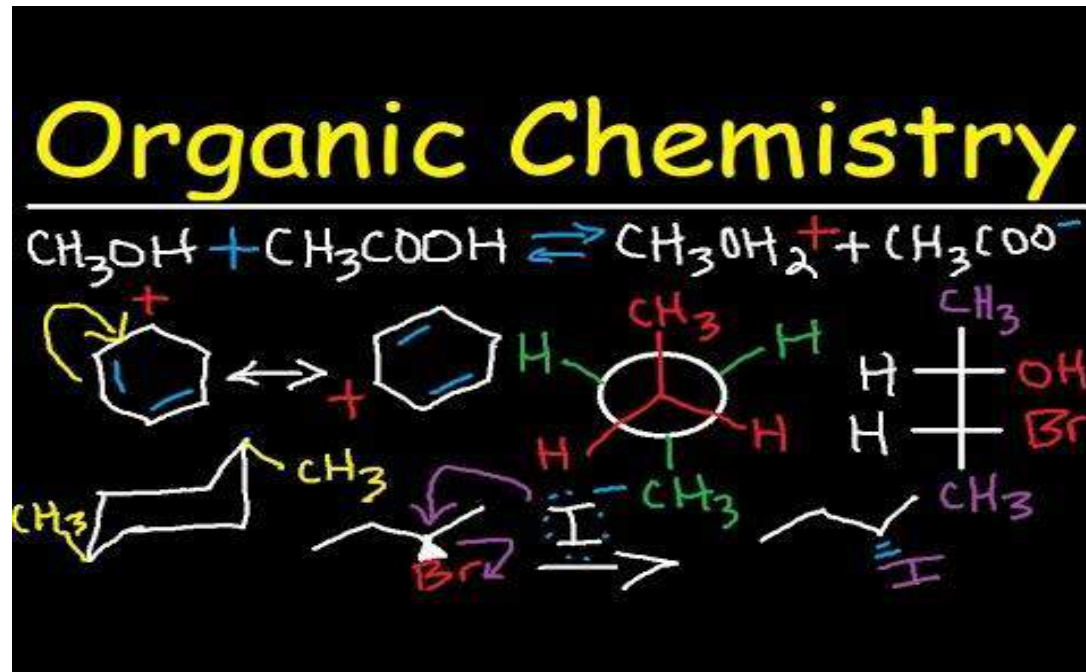


## SULFURIC ACID STRUCTURE



# OCTOBER-NOVEMBER

## UNIT XII - ORGANIC CHEMISTRY





# DECEMBER-JANUARY REVISION



# FEBRUARY



**Your Talent,  
Dedication,  
And Hard  
Work Will  
Surely Lead  
You To  
Victory!  
Good Luck  
For Exams!**





CHEMISTRY DEPARTMENT  
ST.PATRICK'S HIGH SCHOOL(ICSE)  
SECUNDERABAD  
6<sup>th</sup> JUNE 2023



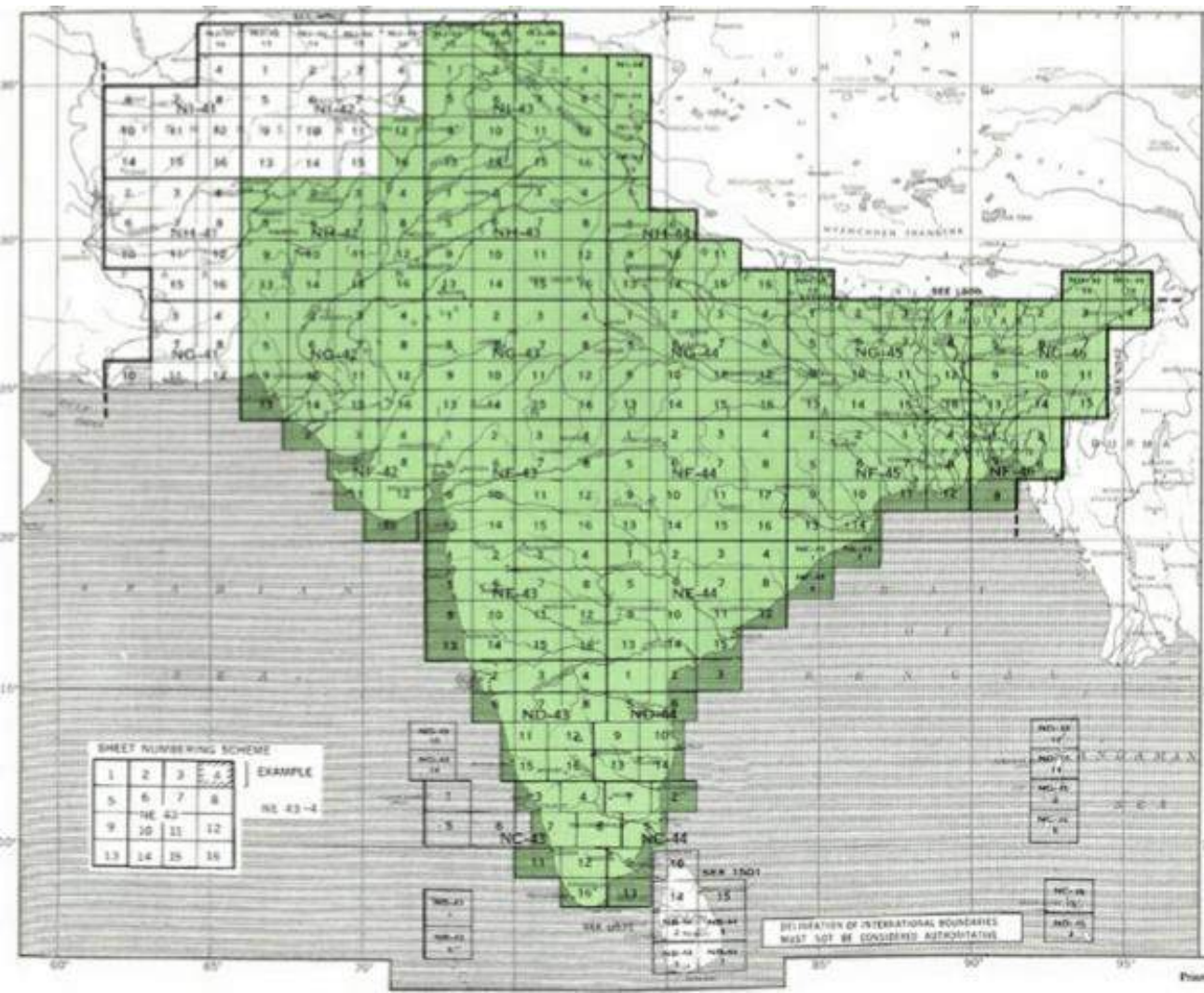
# *CLASS X GEOGRAPHY*

## *MAR AND APRIL (23-24)*



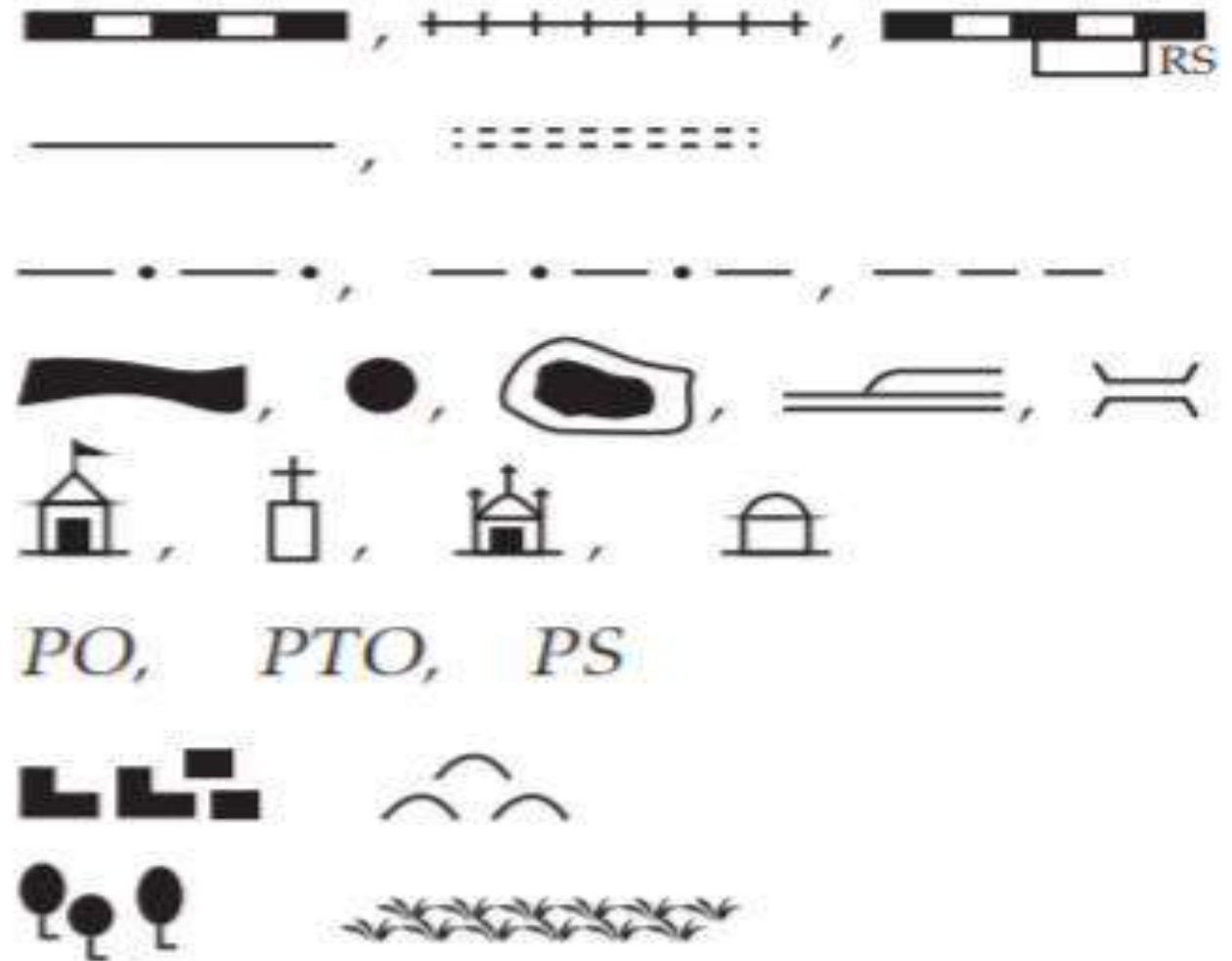
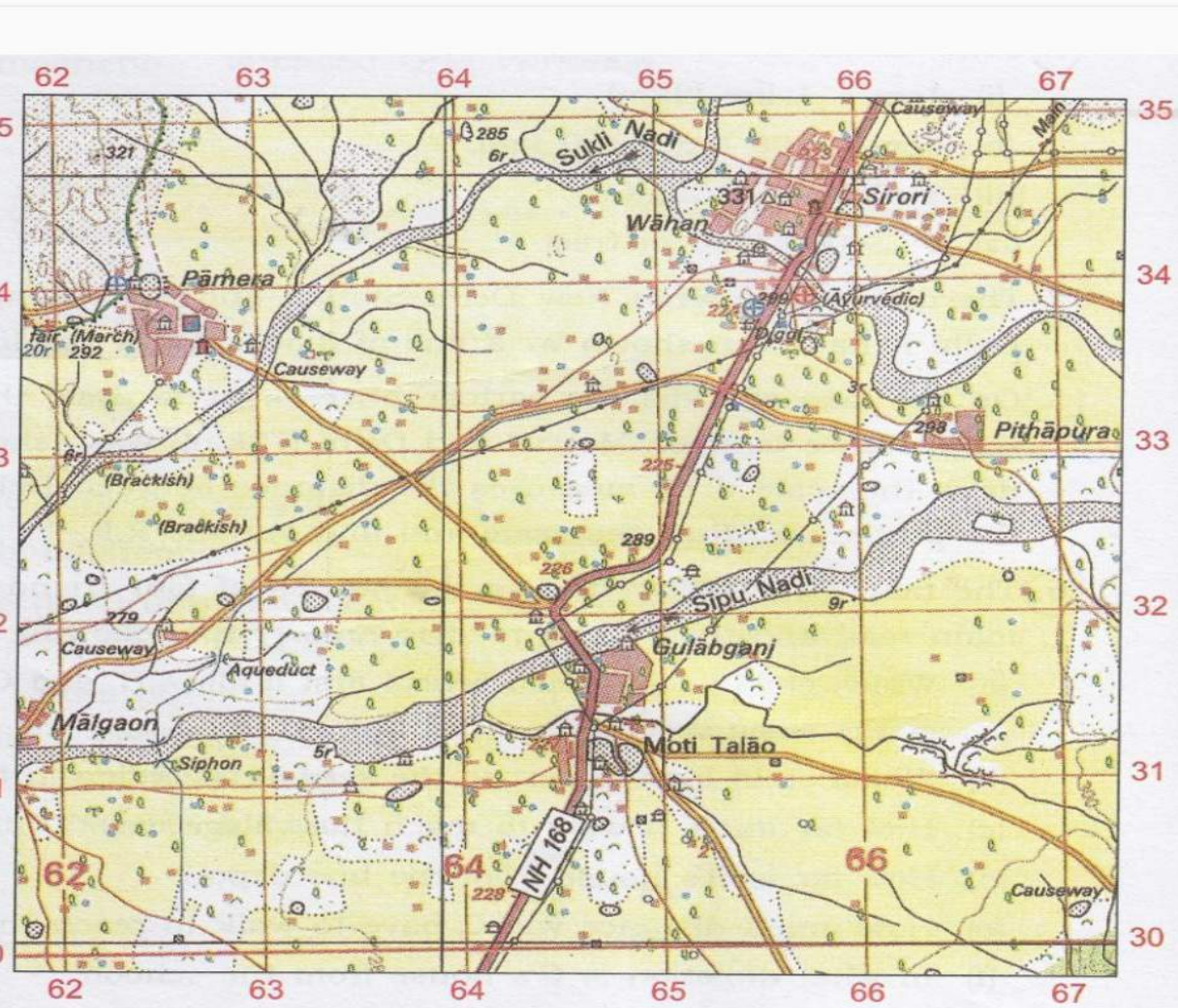


# JUNE MAP AND INDIA PHYSICAL FEATURES LANDFORM





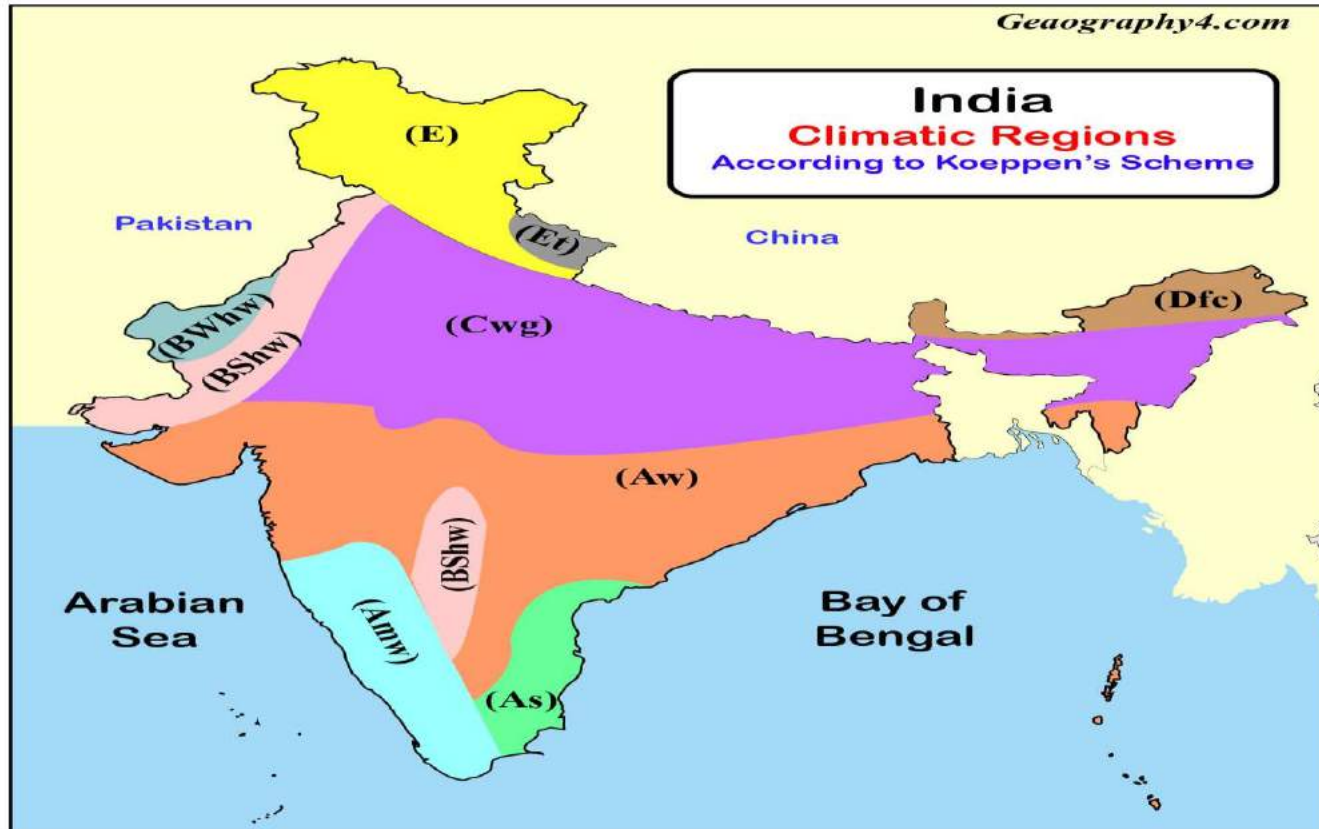
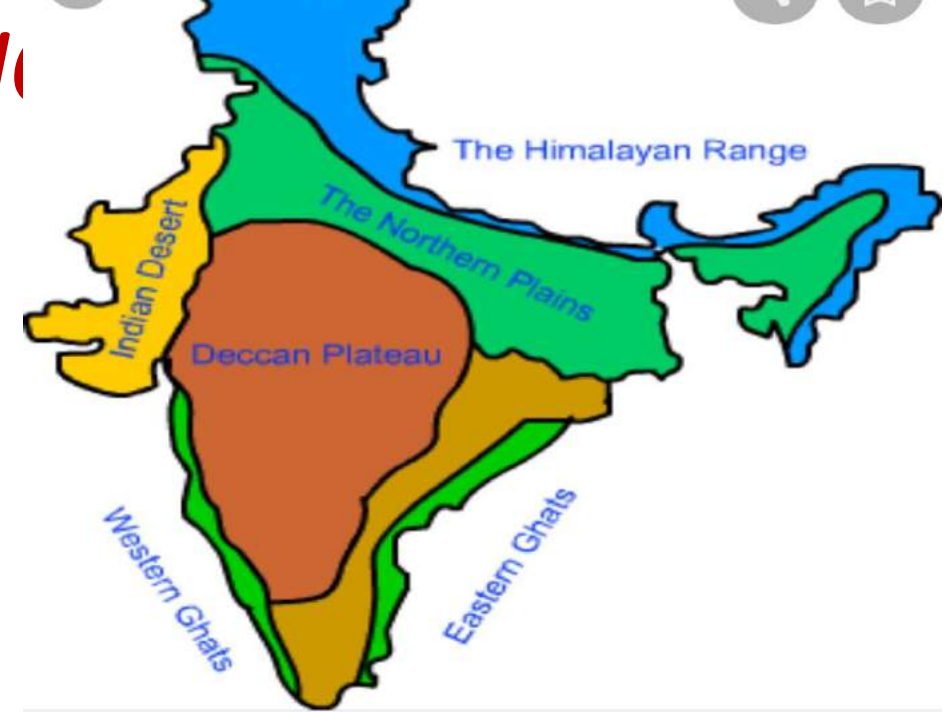
# INTERPRETATION OF TOPOSHEETS. : July 10



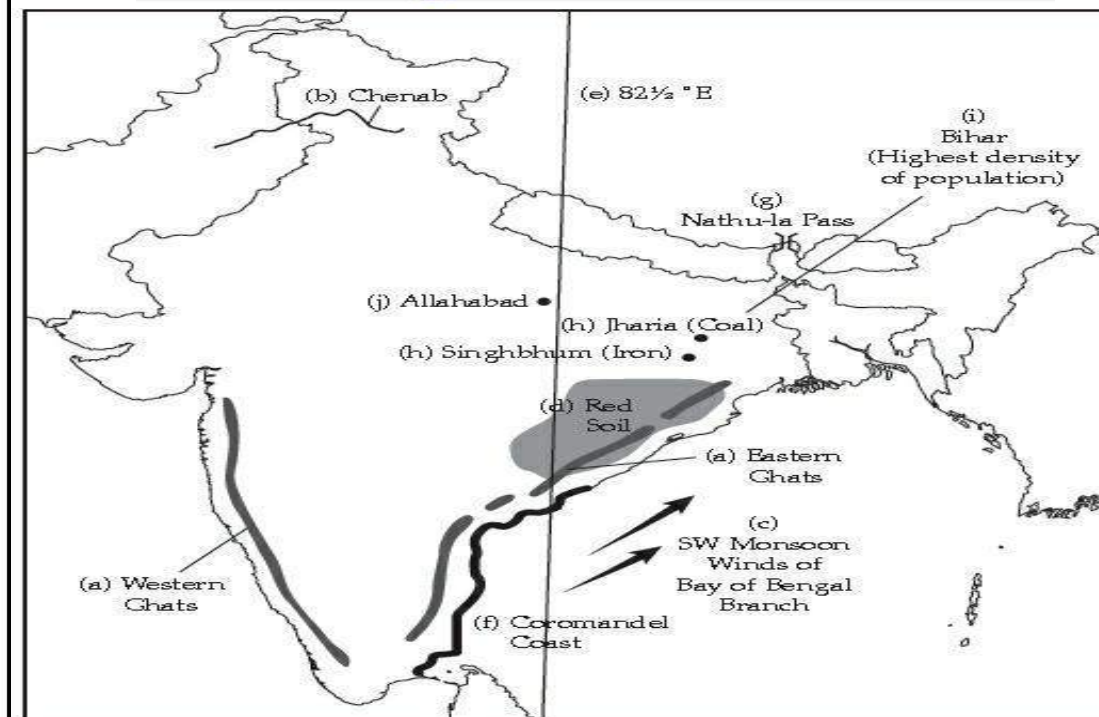


# JUNE & JULY PORTION: INDIA PHYSICAL FEATURES, EXTENT AND LOCATION

## CLIMATE OF INDIA. UT-1



(Cwg) Monsoon Type With Dry Winter	(As) Monsoon with Dry season in Summer	(BWhw) Hot Desert
(Aw) Tropical Savannah Type	(BShw) Steppe Climate	(E) Polar Type
(Amw) Monsoon Type with Short Dry Season	(Dfc) Cold Humid Winter with Short Summer	(Et) Tundra Type



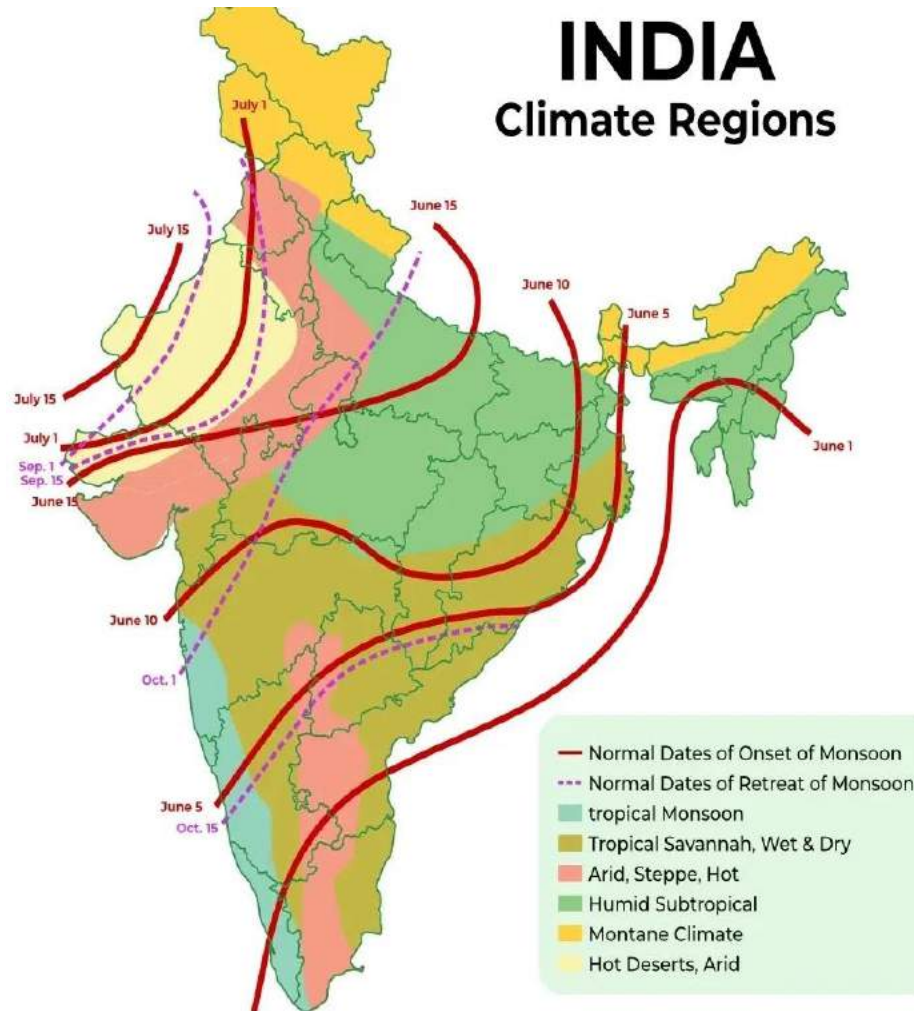


# AUGUST PORTION: SOIL, NATURAL VEGETATION AND CLIMATE



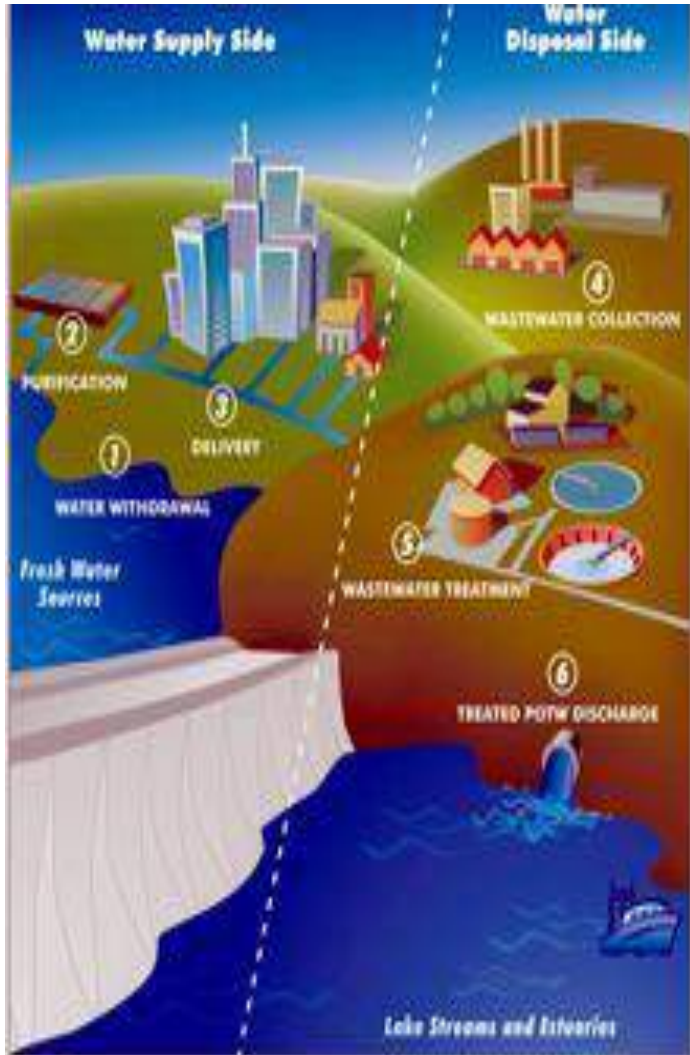
## SOIL RESOURCES

Class 10 ICSE Board Geography

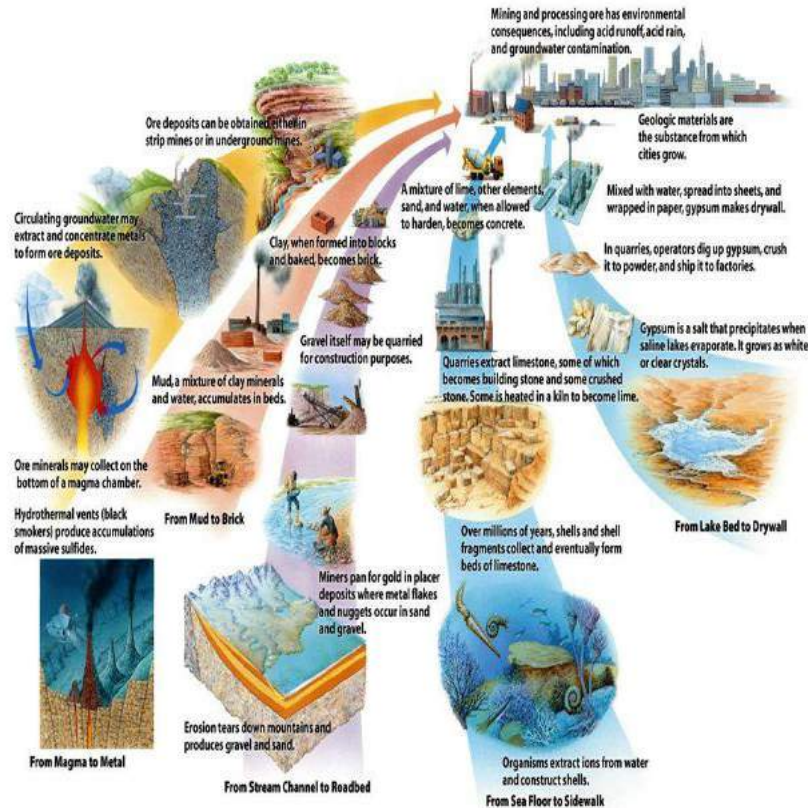




# AUGUST & SEPTEMBER: MINERAL AND ENERGY RESOURCES 1 AND 2 AND WATER RESOURCES

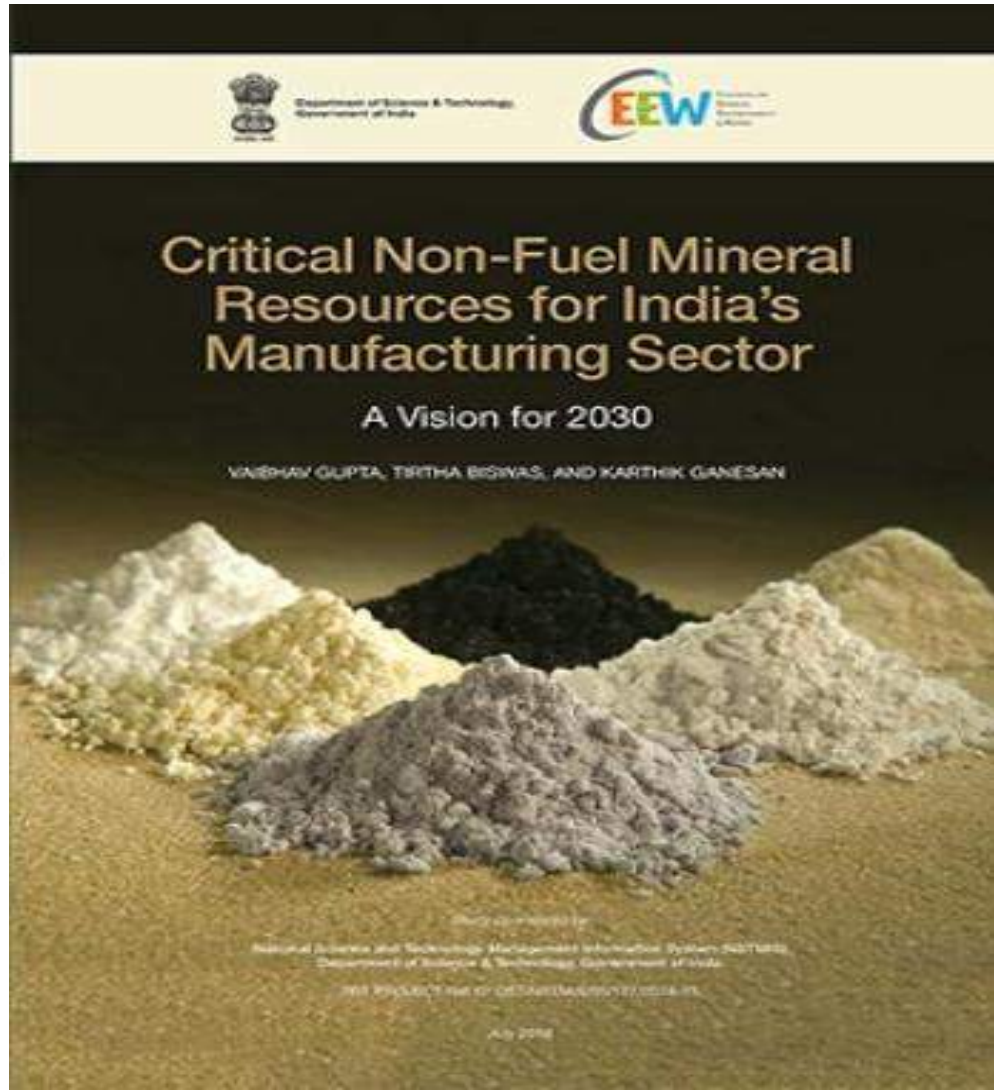


## Mineral Resources



Earth: Portrait of a Planet, 3<sup>rd</sup> edition, by Stephen Marshak

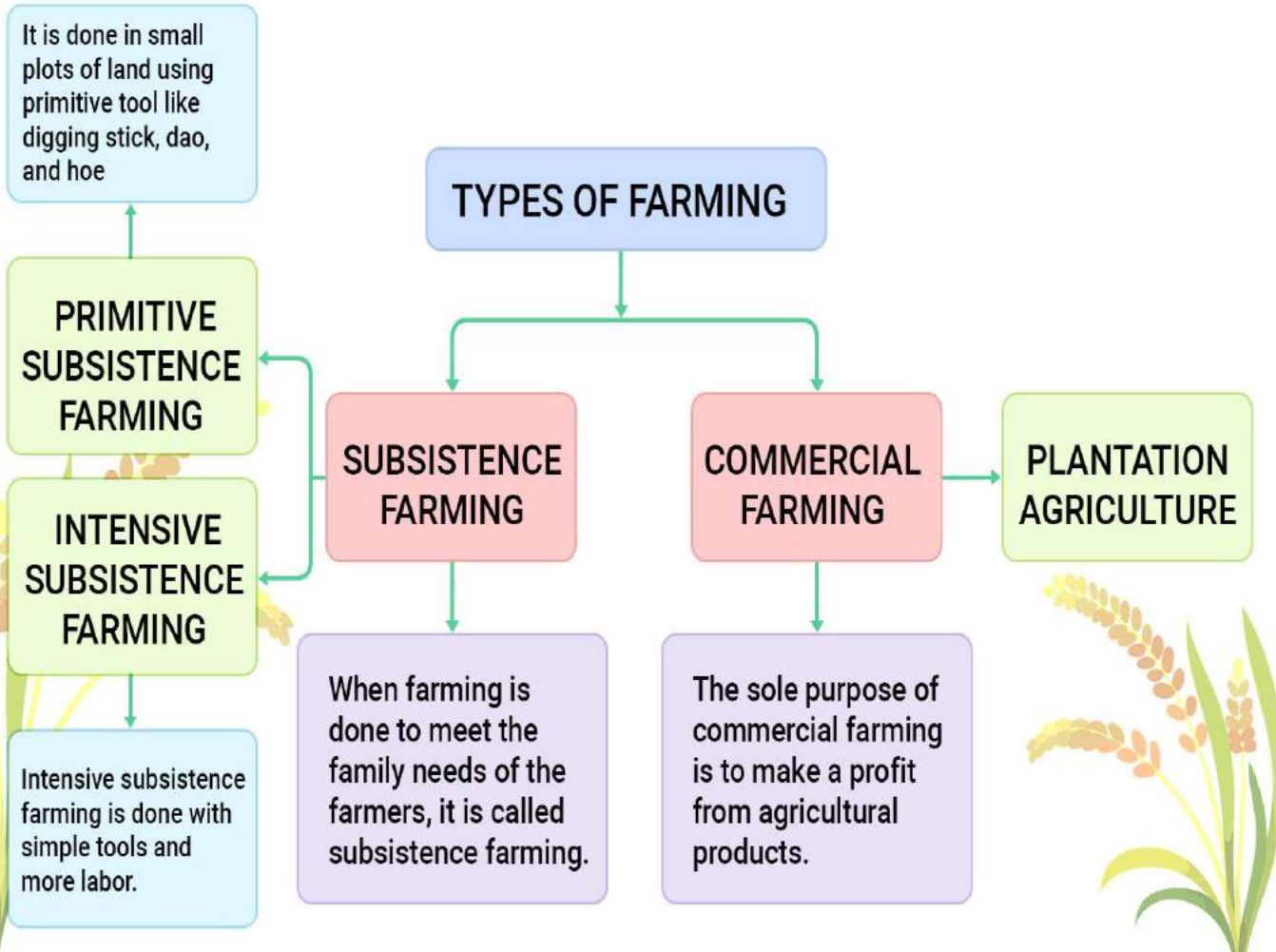
Chapter 15: Riches in Rock: Mineral Resources





# SEPTEMBER: AGRICULTURE IN INDIA

## 1,2 AND 3





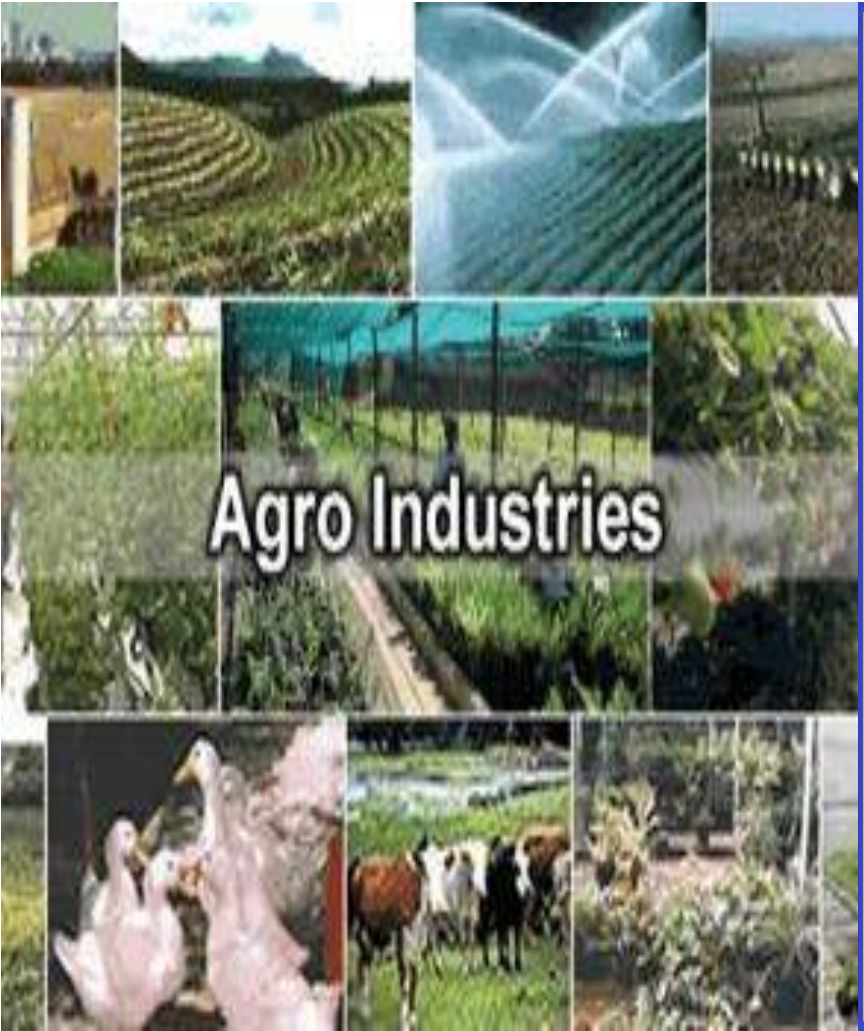
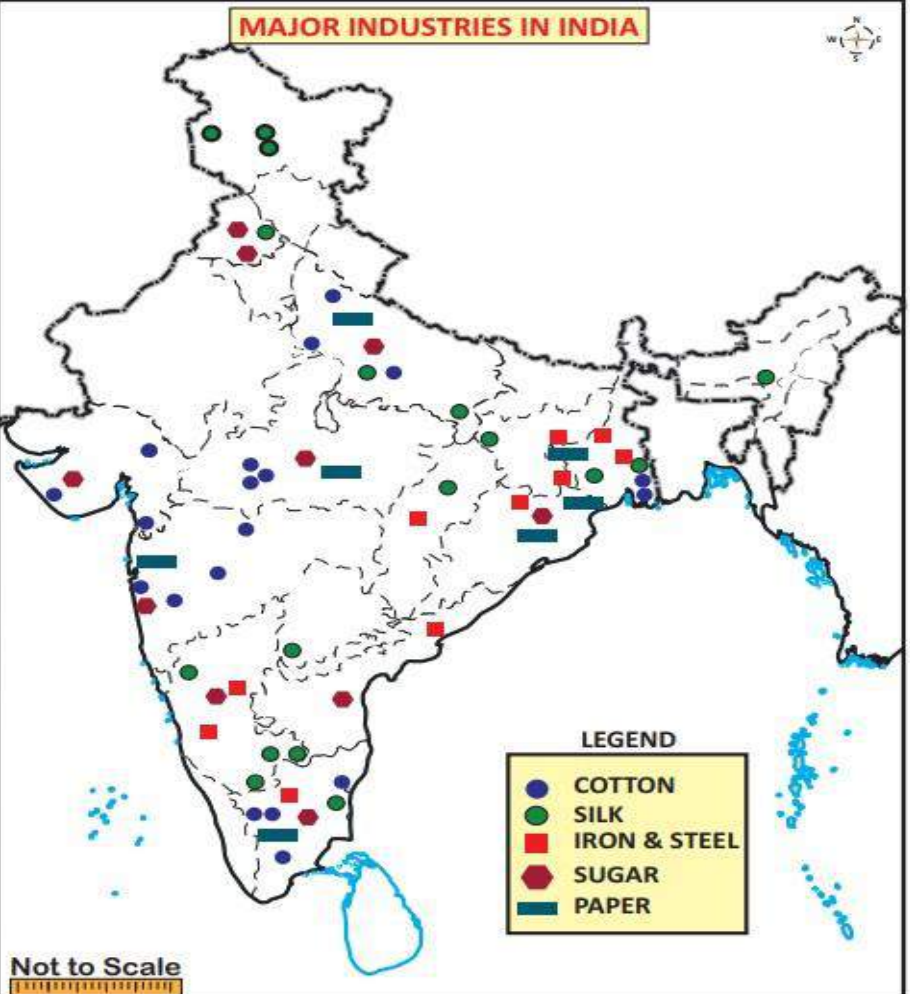
# MID TERM EXAM. PORTION ; *OCTOBER*

- TOPOGRAPHY A AND B TOPOSHEETS
- 1-10.1 **LESSONS**
- ***BASED ON THE CISCE PATTERN.***
- ***1-10 India maps***



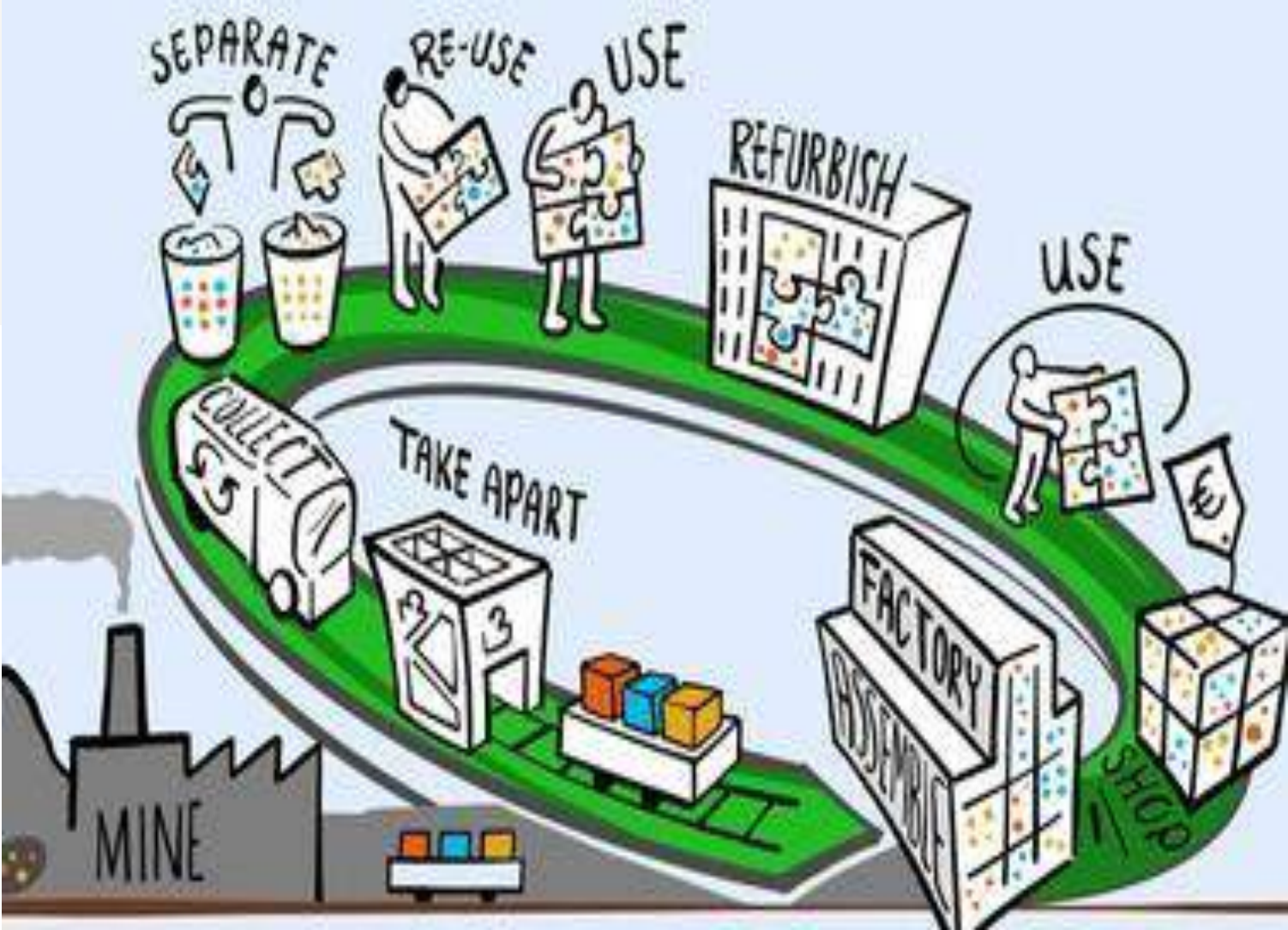
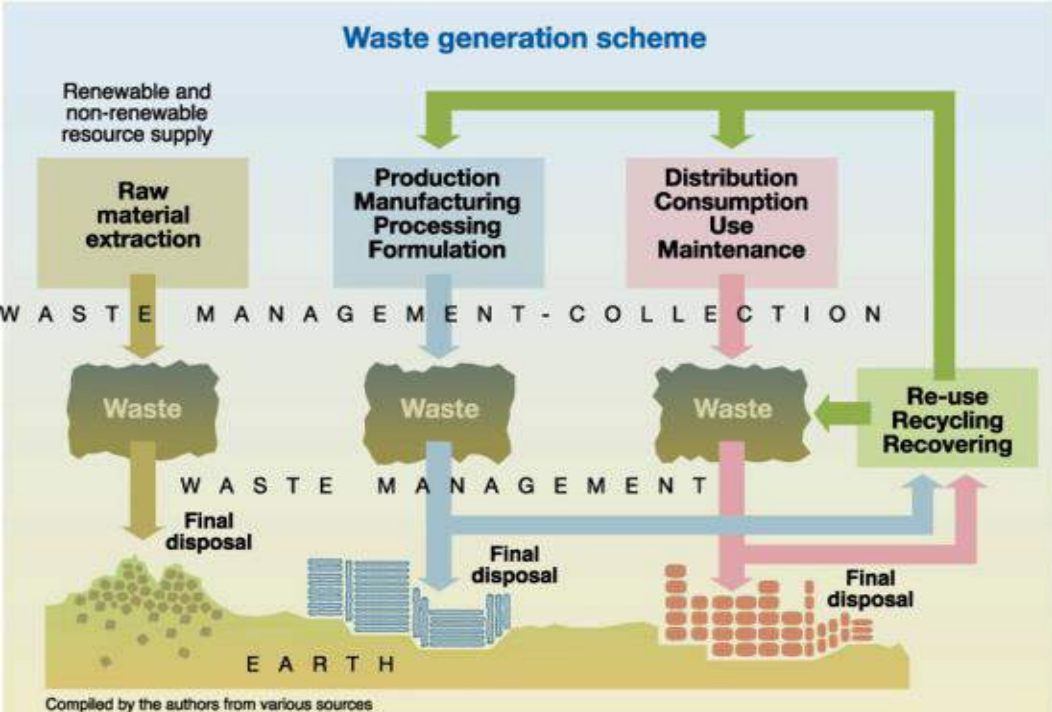


# NOVEMBER: MANUFACTURING INDUSTRY AGRO BASED AND MINERAL BASED AND TRANSPORTATION : *UT-II*





# DECEMBER: WASTE MANAGEMENT AND WASTE DISPOSAL





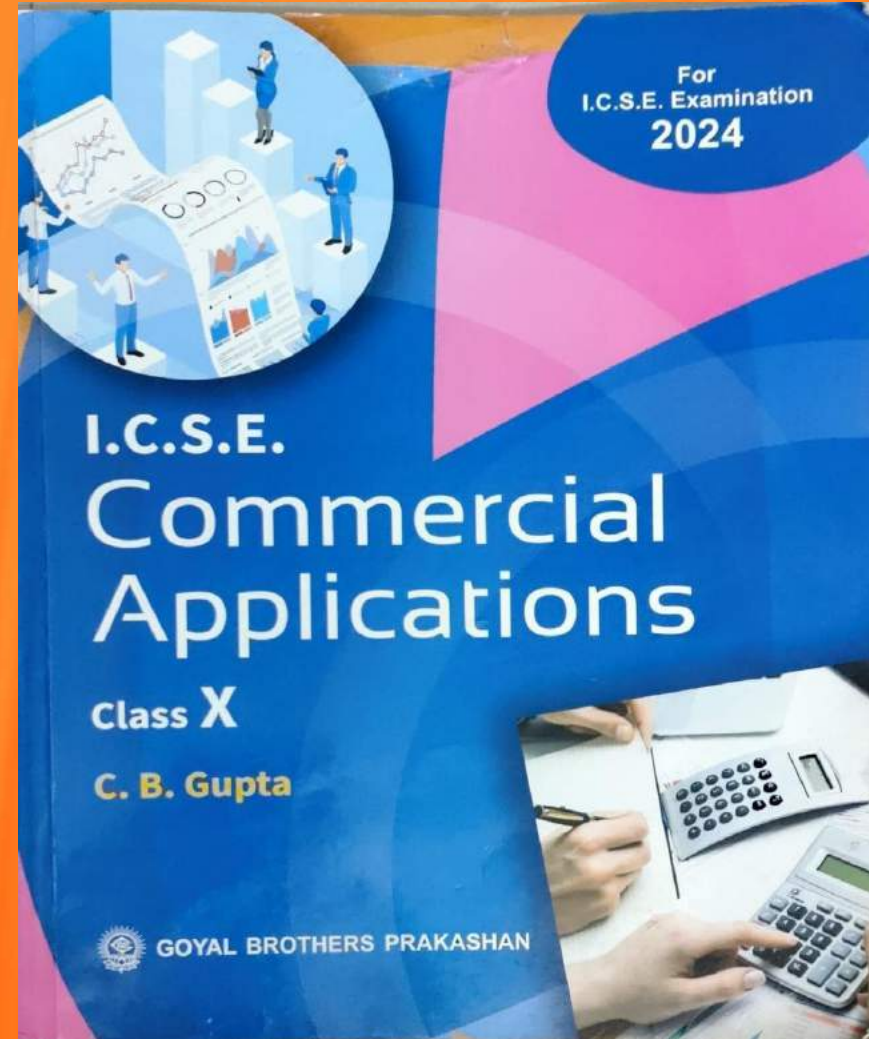




*icse* - **CLASS -10**  
*COMMERCIAL applications*

**YEAR PLAN**

**(2023-24)**



*(APRIL)*

*CHAPTER-1*

*Markets and marketing*





(JUNE

) CHAPTER-2

marketing mix- 4 p's



***(JULY)***

***CHAPTER-3***  
***ADVERTISING AND***  
***BRAND PROMOTION***



***CHAPTER-4***  
***Sales and***  
***selling process***





**( AUGUST)**

**CHAPTER-6**

*Financial accounting and reporting*

**CHAPTER 5**

**GENERALLY ACCEPTED ACCOUNTING PRINCIPLES (GAAP)**

**CHAPTER-7**

*banking and bank transaction*



***(SEPTEMBER)***

***CHAPTER-8***

***FUNDAMENTAL CONCEPTS OF COST***



***CHAPTER-9***

***IMPORTANCE OF HUMAN RESOURCES***



***CHAPTER-10***

***RECRUITMENT, SELECTION AND TRAINING***





*(OCTOBER)*

*MIDTERM*

*EXA*

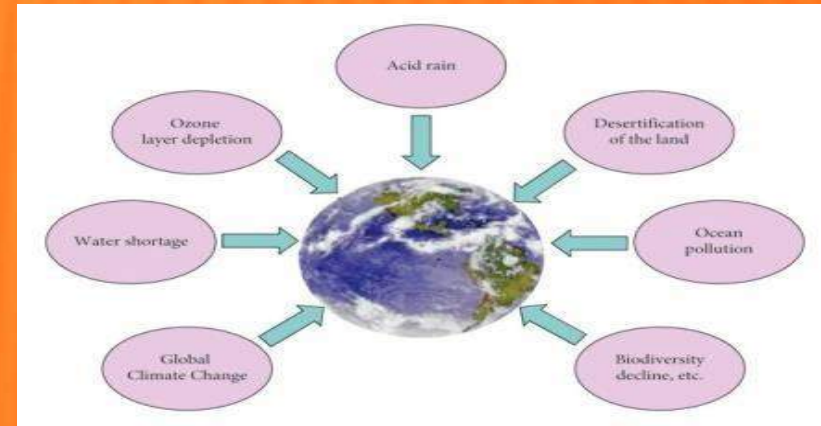
*M REVISION*

**(NOVEMBER)**

**CHAPTER-11**  
**PUBLIC RELATIONS**



**CHAPTER-12**  
**ISSUES OF THE**  
**ENVIRONMENT**





***(DECEMBER)***

***REVISION***



**YEAR PLAN (2023-2024)**

**X<sup>th</sup>**

**PHYSICAL EDUCATION**



## JUNE

<b>CH-1</b>	<b>Human Growth and Development</b>
	(i) Growth and Development
	(ii) Factors that influence Human Growth and Development
<b>CH-2</b>	<b>Physical Education</b>
	i) Meaning, definition, aim of Physical Education.
	(ii) Objectives of Physical Education.
	<b>SECTION B CRICKET</b>
	(i) knowledge of the game (ii) Rules of the game

**July**

<b>CH-3</b>	<b>Body types</b>
	Endomorph, Mesomorph
	Ectomorph
	Physical and psychological characteristics (typical traits) of each.
	<b>SECTION B CRICKET</b> (iii) Fundamental skills and Technique (iv) Terminology



# August

<b>CH-4</b>	<b>Physical Fitness</b>
	Meaning of Physical fitness and its importance
	Components of Physical Fitness.
	Factors affecting Physical Fitness
	<b>SECTION B (ch2 FOOT BALL)</b> (i) Knowledge of the game (ii) Measurements of Ground and equipments (iii) The Duration of the Match (iv) The Start and Restart of play (v) Fundamental skills of FootBall

## September

<b>CH-5</b>	<b>Sports Training</b>
	Meaning of Sports training.
	Importance of sports training and its objectives
	Principles of Sports Training.
	<b>Ch2.Foot Ball</b> (v)Terminology
	<b>Ch3.Hockey</b> (i)Knowledge of the Game(ii)Rules of the game (iii)Equipment Specifications



## OCTOBER

<b>Ch.6</b>	<b>SAFETY IN SPORTS</b>
	(i) Sports related Injuries  (ii) Prevention of Injuries
	<b>SECTION B</b> <b>Ch3.Hockey</b> (iv) Fundamental Skills and techniques
	(v) Terminology

## NOVEMBER

<b>CH 7</b>	<b>HEALTH EDUCATION</b> (i) Meaning of health Education  (ii) Importance of Health Education
	(iii) Nutrition  (iv) Dietary Modification For Sports Person
	(v) Summer Athlete weekly meal plan for male  (vi) Summer Athlete weekly meal plan for female
	<b>SECTION B(ch4. Basket Ball)</b> (i) Knowledge of the Game (ii) Rules of the game (iii) General principles (iv) Fundamental skills and techniques (v) Terminology <b>Ch5. Volley Ball</b> (i) Knowledge of the game (ii) Measurement of Ground



## DECEMBER

<b>Ch8</b>	<b>Careers in Physical Education</b>  (i) Various career options in physical education
	<b>SECTION B</b>  <b>Badminton</b>
	(i) Knowledge of the Game (ii) Badminton court
	(iii) Fundamental skills (iv) Terminology

**YEAR PLAN (2023-2024)**

**X<sup>th</sup> COMPUTER APPLICATIONS**





# April

<b>CH-1</b>	<b>Introduction to Object Oriented Programming concepts</b>
	Elementary Concept of Objects and Classes
	Values and Data types
	Operators in Java
	Input in Java



## June

<b>CH-1</b>	<b>Introduction to Object Oriented Programming concepts</b>
	Mathematical Library Methods
	Conditional constructs in Java
	Iterative constructs in Java
	Nested for loops.



## July

<b>CH-2</b>	<b>Class as the Basis of all Computation</b>
	Objects and Classes
	Data types and Variables
	Primitive data types
	Composite data types
	Variable declarations



## August

<b>CH-3</b>	<b>User - defined Methods/functions</b>
	Method overloading, declaration of methods.
	Actual parameters and formal parameters[with programs]
	Pass by value [with programs] and pass by reference[with programs]
<b>CH-4</b>	<b>Constructors, types of constructors and method</b>
	Default constructor, parameterized constructor[with programs]
	Constructor overloading[with programs]



## September

<b>CH-5</b>	<b>Library classes in java</b>
	Methods of wrapper class and their usage
	Autoboxing in wrapper classes
	Unboxing in wrapper classes
<b>CH-6</b>	<b>Encapsulation &amp; Inheritance</b>
	Access specifiers
	Scope of variables
	Class variables, instance variables[with programs]



**October**



**REVISION FOR MID TERM EXAMS**



## November

<b>CH-7</b>	<b>Arrays</b>
	Types of arrays, declaration, initialization
	Search techniques - linear search and binary search[with programs]
	Sorting techniques - selection sort and bubble sort[with programs]
<b>CH-8</b>	<b>String handling</b>
	String class
	Creating a string methods of String class[with programs]
	String array



**December**



**REVISION FOR PREFINAL -1**