



# CLASS IX ENGLISH

YEAR PLAN – 2023-2024

MONTH	TITLE/LESSONS/POEMS	GRAMMAR AND VOCABULARY	EXAM PORTION
APRIL - 2023	Ls-1, The work Of Artifice	<ul style="list-style-type: none"> <li>• Notice</li> <li>• Email</li> <li>• Formal And Informal Letters</li> </ul>	
JUNE - 2023	<p>Poem-1, The Work Of Artifice</p> <p>Ls-1, Bonku Babu's friend</p> <p>PROJECT WORK-1</p>	<p>Ch-1,</p> <ul style="list-style-type: none"> <li>• Interchange of Sentences</li> <li>• Notice</li> <li>• Email</li> </ul>	
JULY - 2023	<p><b>JULIUS CAESAR</b> –</p> <p>Introduction</p> <p>Act-1, Scene-1</p> <p>Poem 2: Skimbleshanks: The Railway cat</p> <p>Ls-2, Oliver Asks For More</p>	<p>Ch-2</p> <ul style="list-style-type: none"> <li>• Time and Tense-I</li> <li>• Beginning And Ending</li> <li>• An Approach to Comprehension</li> </ul>	<p>UNIT-1 PORTION</p> <p><b>ENGLISH-I</b></p> <p>Poem-1, The Work Of Artifice</p> <p>Ls-1, Bonku Babu's friend</p> <p>JULIUS CAESAR: Act-1, Scene-1</p> <p><b>ENGLISH-II</b></p> <p>Comprehension, Notice and Email, Letter writing, Verbs, Prepositions, Combine Sentences, and Do as directed.</p>

MONTH	TITLE/LESSONS/POEMS	GRAMMAR AND VOCABULARY	EXAM PORTION
AUGUST – 2023	<b>JULIUS CAESAR</b> Act-1, Scenes-2&3 Poem-3, I Remember, I Remember Ls-3, The Modern Millionaire	Ch-3 <ul style="list-style-type: none"> <li>• Agreement of the Verb with its subject</li> <li>• Subject Matter</li> <li>• Personal Letters</li> </ul>	
SEPTEMBER – 2023	<b>JULIUS CAESAR</b> Act-2, Scene-1  Revision	Ch-4, <ul style="list-style-type: none"> <li>• Time And Tense-II</li> <li>• Types Of Essays</li> <li>• Formal Letters</li> </ul>	TERM I PORTION <b>ENGLISH-I</b> JULIUS CAESAR: Act-1, Scenes-1,2,3 Ls-1,2,3, Poems-1,2,3 <b>ENGLISH-II</b> Comprehension, Notice and Email, Letter writing, Verbs, Prepositions, Combine Sentences, Do as directed.
OCTOBER- 2023	PROJECT WORK-2		

MONTH	TITLE/LESSONS/POEMS	GRAMMAR AND VOCABULARY	EXAM PORTION
NOVEMBER – 2023	<b>JULIUS CAESAR</b> Act-2, Scenes-2,3,4 Poem-4, Entry A Doctor's Journal For August 6, 1945 Ls-4, The Home-Coming	Ch-5, <ul style="list-style-type: none"> <li>• The Sequence of Tenses</li> <li>• Picture Composition</li> <li>• Comprehension</li> </ul>	
DECEMBER – 2023	Poem 5, The Night mail Revision	Ch-6, <ul style="list-style-type: none"> <li>• Active And Passive Voice</li> <li>• Stories</li> <li>• Letters to newspapers</li> </ul>	UNIT TEST-2 PORTION ENGLISH-I JULIUS CAESAR: Act-2, Scene-1 Ls-4 <u>ENGLISH-II</u> Comprehension, Notice and Email, Letter writing, Verbs, Prepositions, Combine Sentences, Do as directed.
JANUARY- 2023	Ls-5, The Boy Who Broke The Bank	Ch-7 to Ch-12	UNIT TEST-3 PORTION ENGLISH-I JULIUS CAESAR: Act-2, Scenes-2,3,4 Ls-5, Poem-5 <u>ENGLISH-II</u>
FEBRUARY- 2023	REVISION	Ch-13 to 15	Comprehension, Notice and Email, Letter writing, Verbs, Prepositions, Combine Sentences, Do as directed.

**YEAR PLAN (2023 - 2024)****IX Telugu 2<sup>nd</sup> language**

Month	Lesson/Topics	Grammar
April	1.విడుర నీతి, 1.ఇంద్రుడుముని సముద్ర ప్రయాణం.	అర్థాలు, వ్యతిరేక పదాలు, ప్రకృతి వికృతులు, పర్యాయపదాలు .
June (Unit Test - 1)	2. స్నేహ దర్శం పునరాభ్యాసం	లేఖలు, వ్యాకరణాంకాలు వ్యాసాలు, అర్థాలు, వ్యతిరేక పదాలు, ప్రకృతి వికృతులు, పర్యాయపదాలు .
July	2. సీతాన్వేషణ 3. అతిథి సేవనం	లేఖలు, వ్యాకరణాంకాలు వ్యాసాలు, అర్థాలు, వ్యతిరేక పదాలు, జాతీయాలు, సొంత వాక్యాలు
August	3. తాపీ మేస్త్రీ 4. అప్పుడు పుట్టి ఉంటే	లేఖలు, వ్యాసాలు, చిత్రపటాన్ని చూసి రాయడం, వ్యాకరణాంకాలు.
September	4. పారిజాత ప్రసూనం 5. ఒక చీమ కథ	లేఖలు, వ్యాకరణాంకాలు వ్యాసాలు, అర్థాలు, వ్యతిరేక పదాలు, ప్రకృతి వికృతులు, పర్యాయపదాలు .
October	అర్థ వార్షిక పరీక్షలు	పునరాభ్యాసం
November	5. హితోపదేశం 6. శతక మంజరి (పునరాభ్యాసం)	అర్థాలు, వ్యతిరేక పదాలు, ప్రకృతి వికృతులు, పర్యాయపదాలు .
December (Unit Test - 2)	6. స్వాతంత్ర్య నేపథ్యంలో ప్రబోధ గీతాలు (పునరాభ్యాసం)	లేఖలు, వ్యాసాలు, చిత్రపటాన్ని చూసి రాయడం, వ్యాకరణాంకాలు.
January	(పునరాభ్యాసం)	
February	వార్షిక పరీక్షలు	
March	వార్షిక పరీక్షలు	

St. Patrick's High school (ICSE)  
Secunderabad

**Year Plan (2023-24)**  
**Class-IX (Hindi II L)**

Month – April

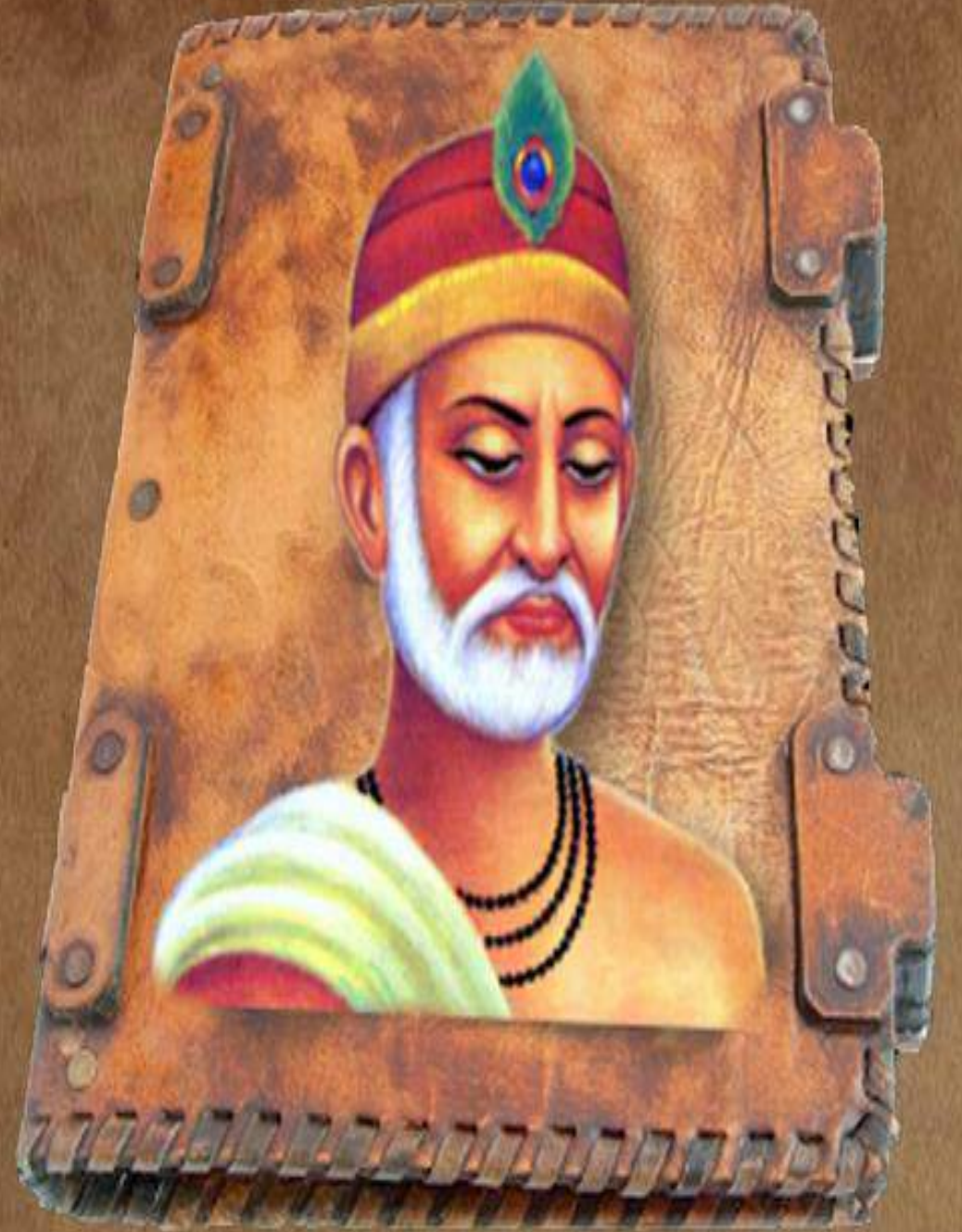
गद्य- १) बात अठन्नी की



- June

पद्य- १) साखी

व्याकरण- भाववाचक संज्ञा,  
पत्र-लेखन





Month – July

गद्य- २) काकी

पद्य- २) गिरिधर की कुंडलियाँ

व्याकरण- वचन, काल



– August

**गद्य-** ३) महायज्ञ का पुरस्कार

**पद्य-** ३) स्वर्ग बना सकते हैं

**व्याकरण-** विशेषण, कारक,  
पर्यायवाची शब्द

**परियोजना कार्य – प्रथम**



– September

गद्य- ४) नेताजी का चश्मा  
पद्य- ४) वह जन्मभूमि मेरी

व्याकरण- प्रस्ताव लेखन,  
विलोम शब्द,  
तत्सम-तद्भव,  
वाक्य रूपांतरण



– October

व्याकरण – क्रिया, वचन, लिंग



– November

**गद्य-** ५) अपना-अपना भाग्य  
**पद्य-** ५) मेघ आए

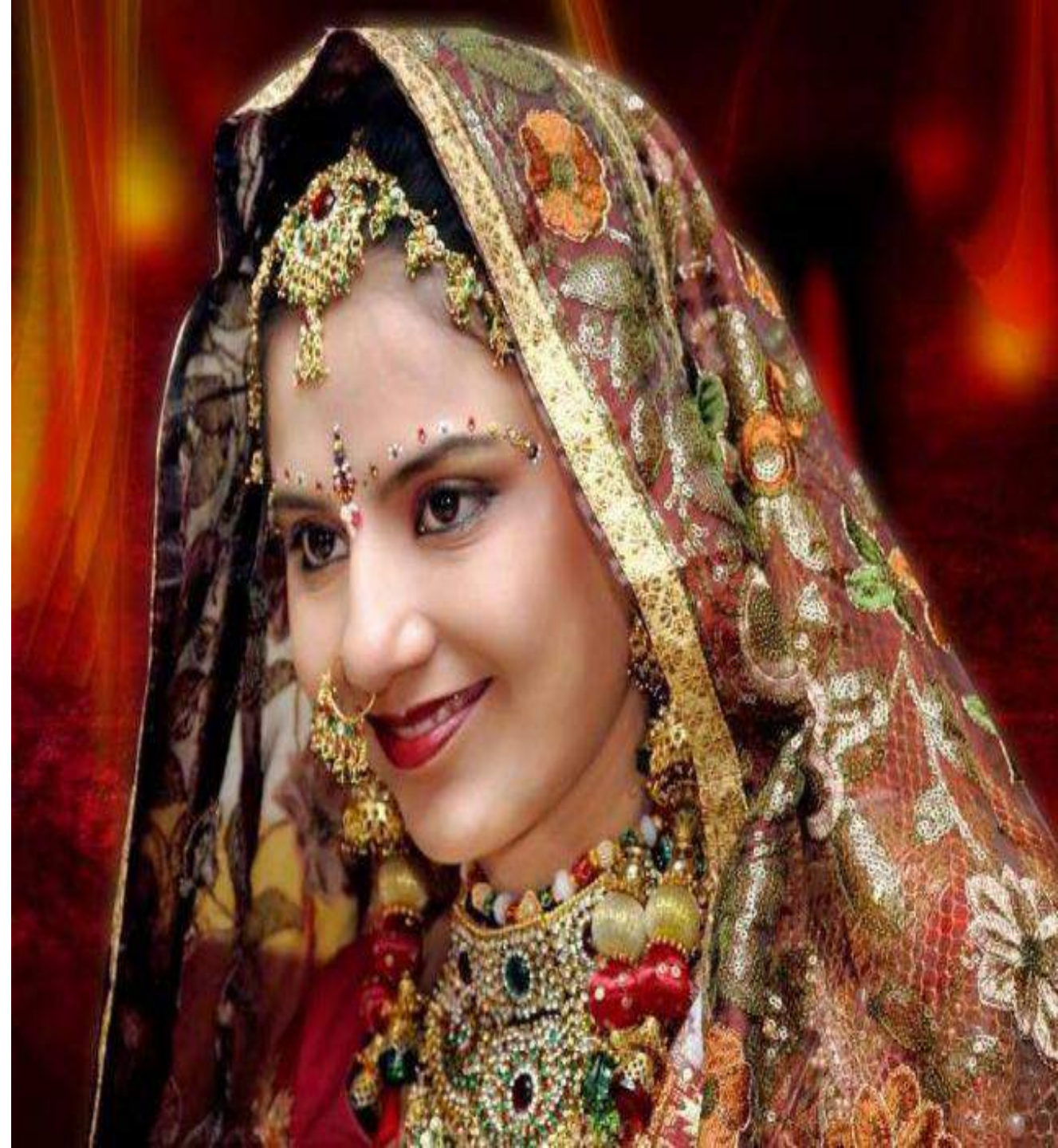
**व्याकरण-** वाक्य भेद, मुहावरे,  
लोकोक्तियाँ



– December

**गद्य- ६) बड़े घर की बेटी**

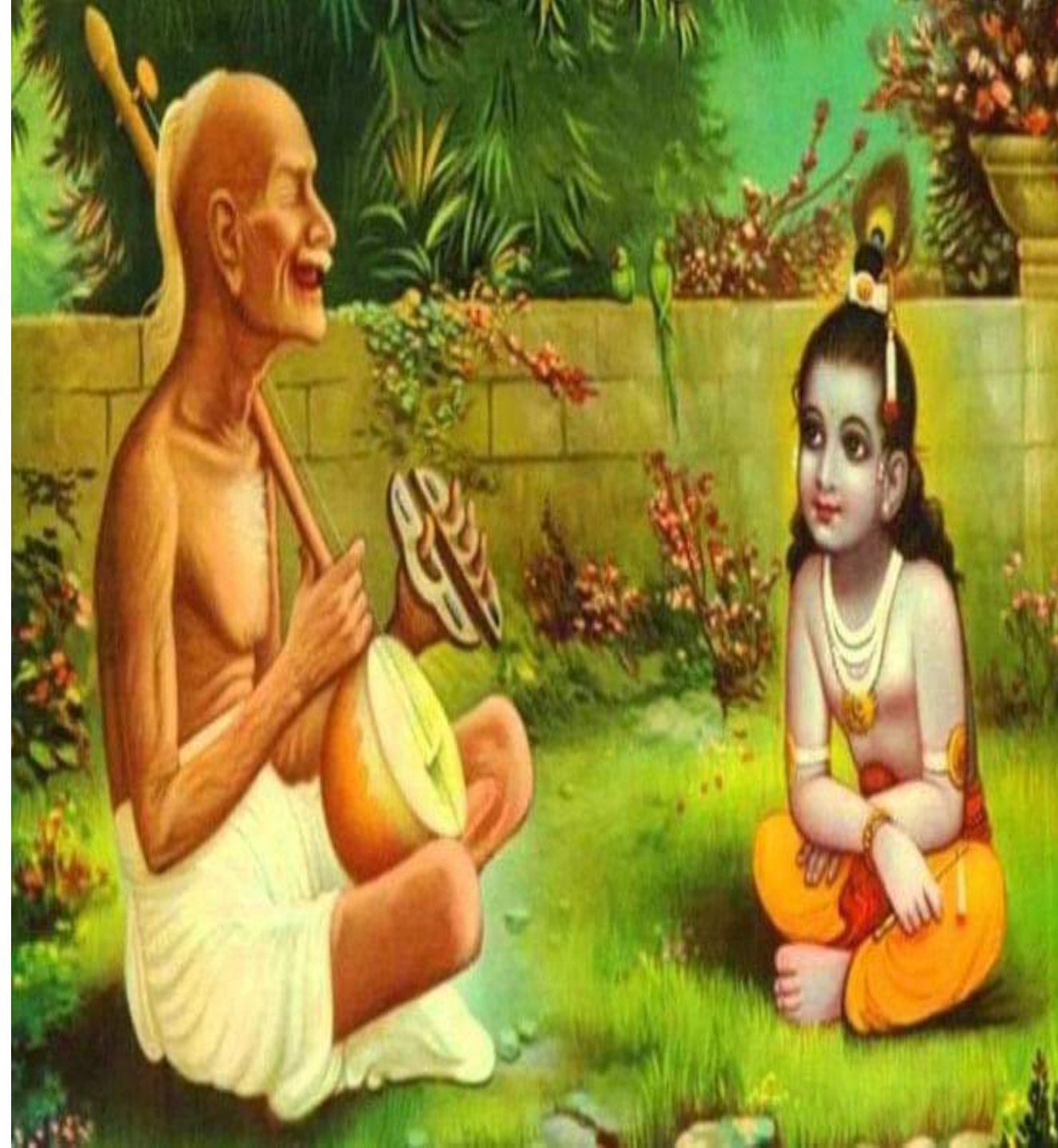
**व्याकरण- पत्र-लेखन**  
**परियोजना कार्य – द्वितीय**



– January

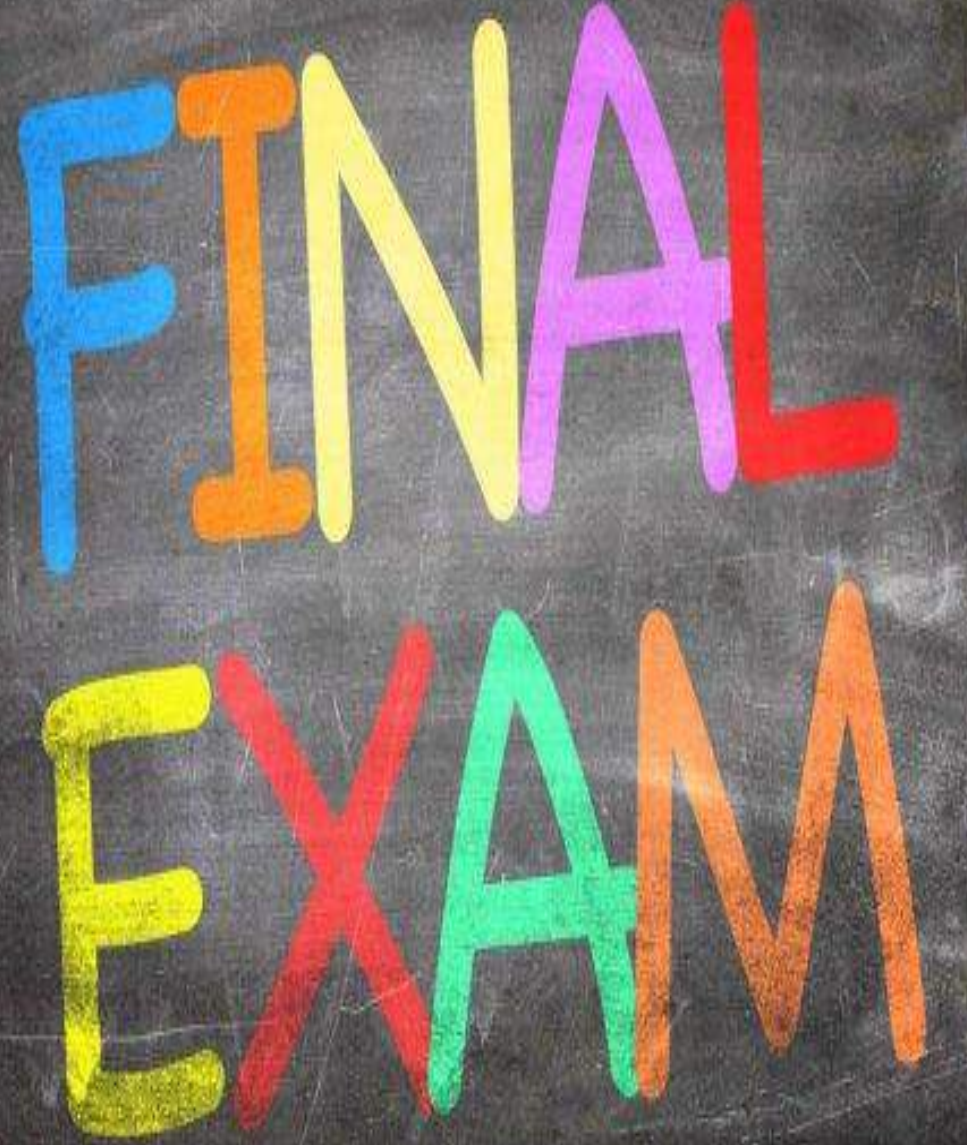
**पद्य- ६) सूर के पद**

**व्याकरण- वाच्य, प्रस्ताव लेखन**



Month – February

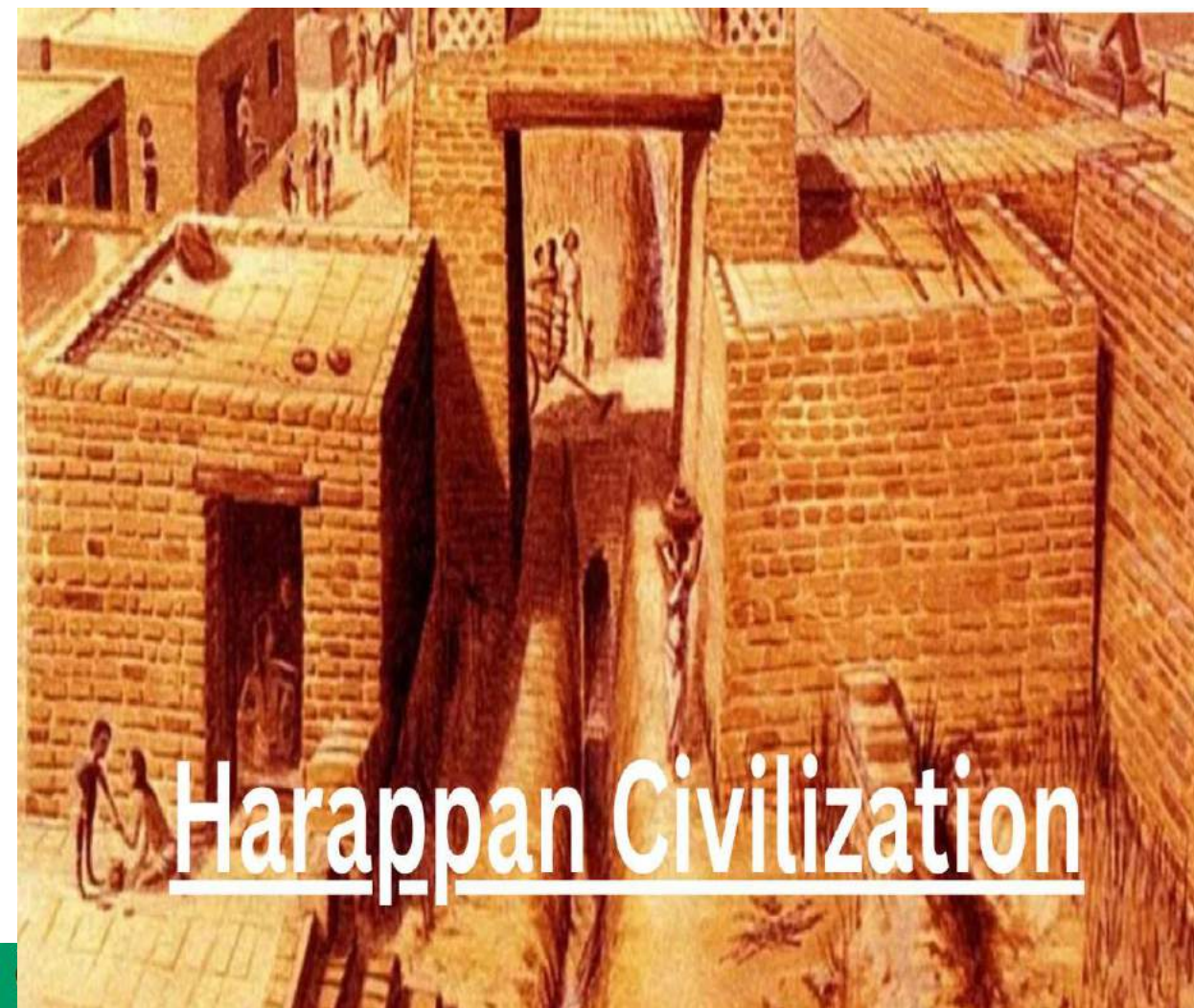
# वार्षिक परीक्षा



FINAL  
EXAM



# *HISTORY AND CIVICS LESSON PLAN FOR (23-24) March-April*

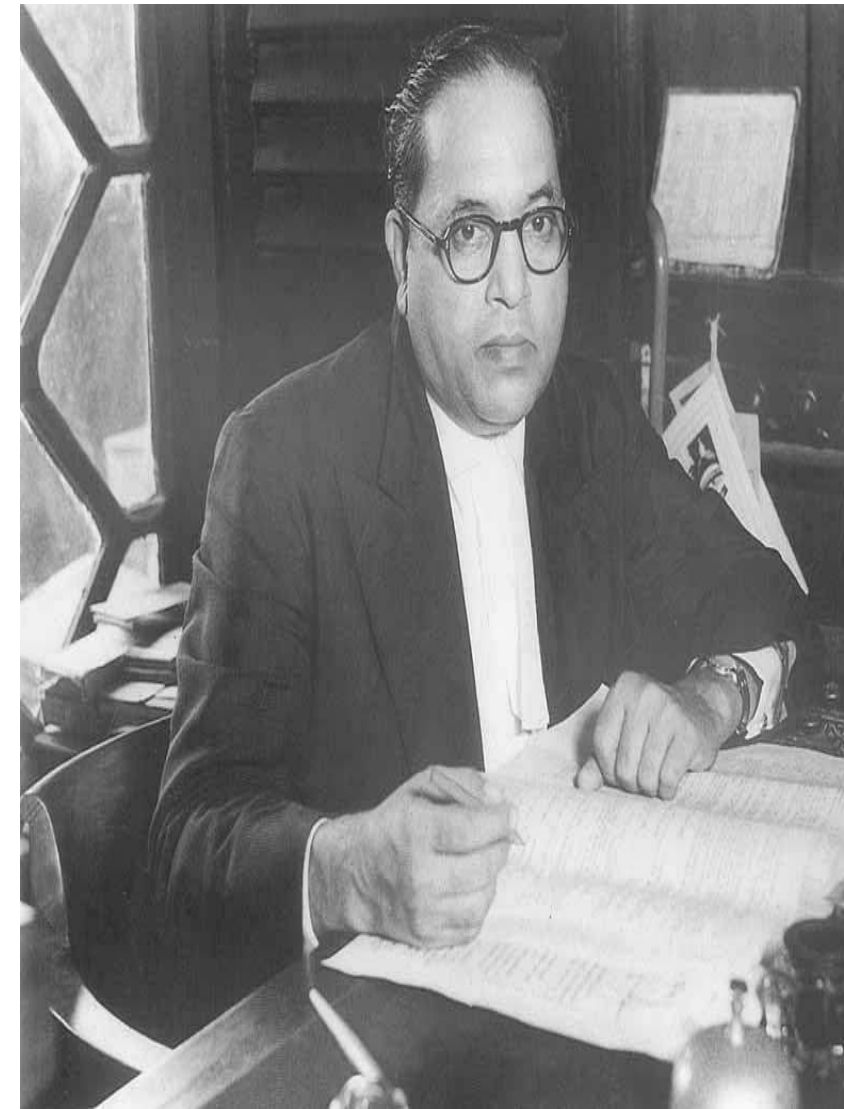


Harappan Civilization



**Indian  
Constitution**

# JUNE PORTION : AMBEDKAR CONTRIBUTION



## Salient Features Of The Indian Constitution

- |                                    |  |
|------------------------------------|--|
| 1 Written Constitution             | 8 Directive principles                 |
| 2 Longest/lengthiest constitution  | 9 Mixture of rigidity with flexibility |
| 3 Democratic form of government    | 10 Single citizenship                  |
| 4 Sovereignty of people            | 11 Preventive detention                |
| 5 Parliamentary form of government | 12 A Secular State                     |
| 6 Fundamental rights               | 13 Independent judiciary               |
| 7 Fundamental duties               | 14 Adult suffrage                      |

## THE VEDIC SOCIETY

The Early Vedic Period

The late Vedic period

The Varna System

Political Organization

Evolution of Monarchy in the Vedic Period

# JULY: UNIT TEST 1



## Jainism and Buddhism

Life of Mahavir

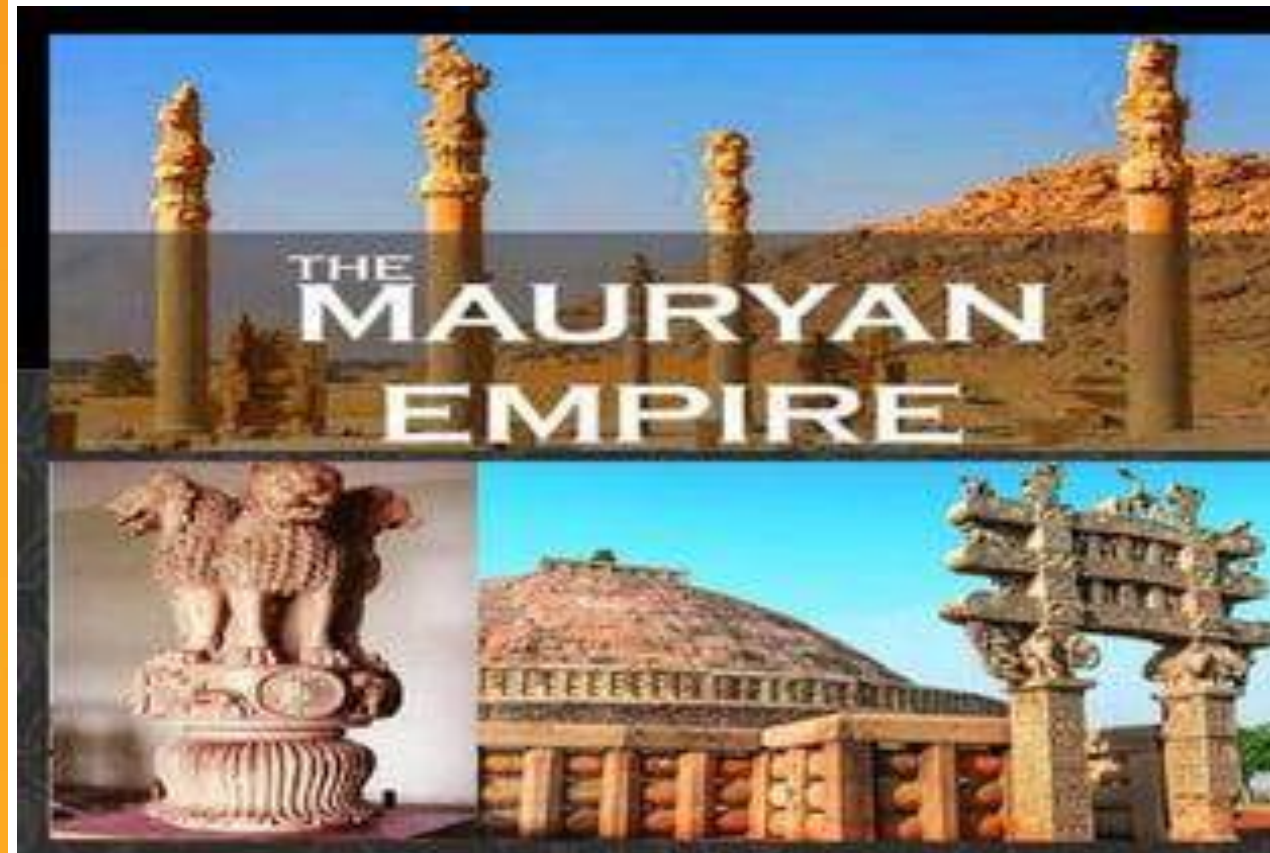
The Three Jewels

Art and Architecture

The Four Noble Truths

Life of Gautam Buddha

The Eightfold Path



# AUGUST



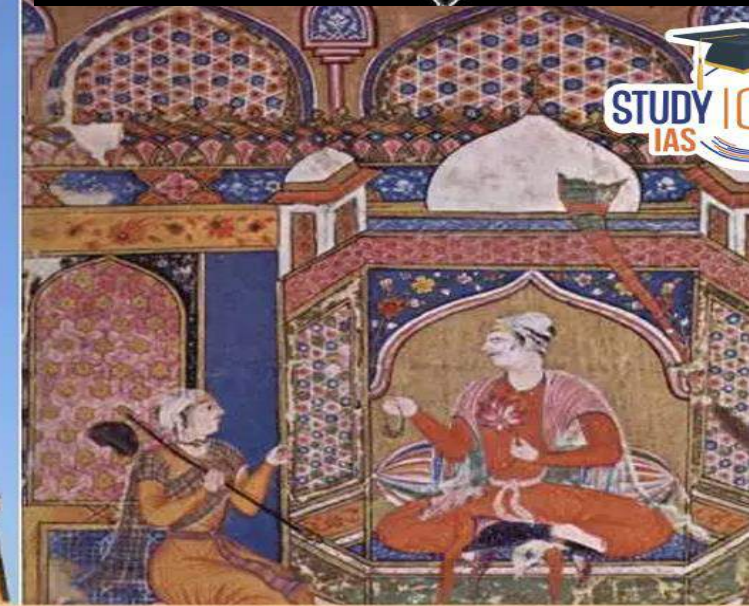
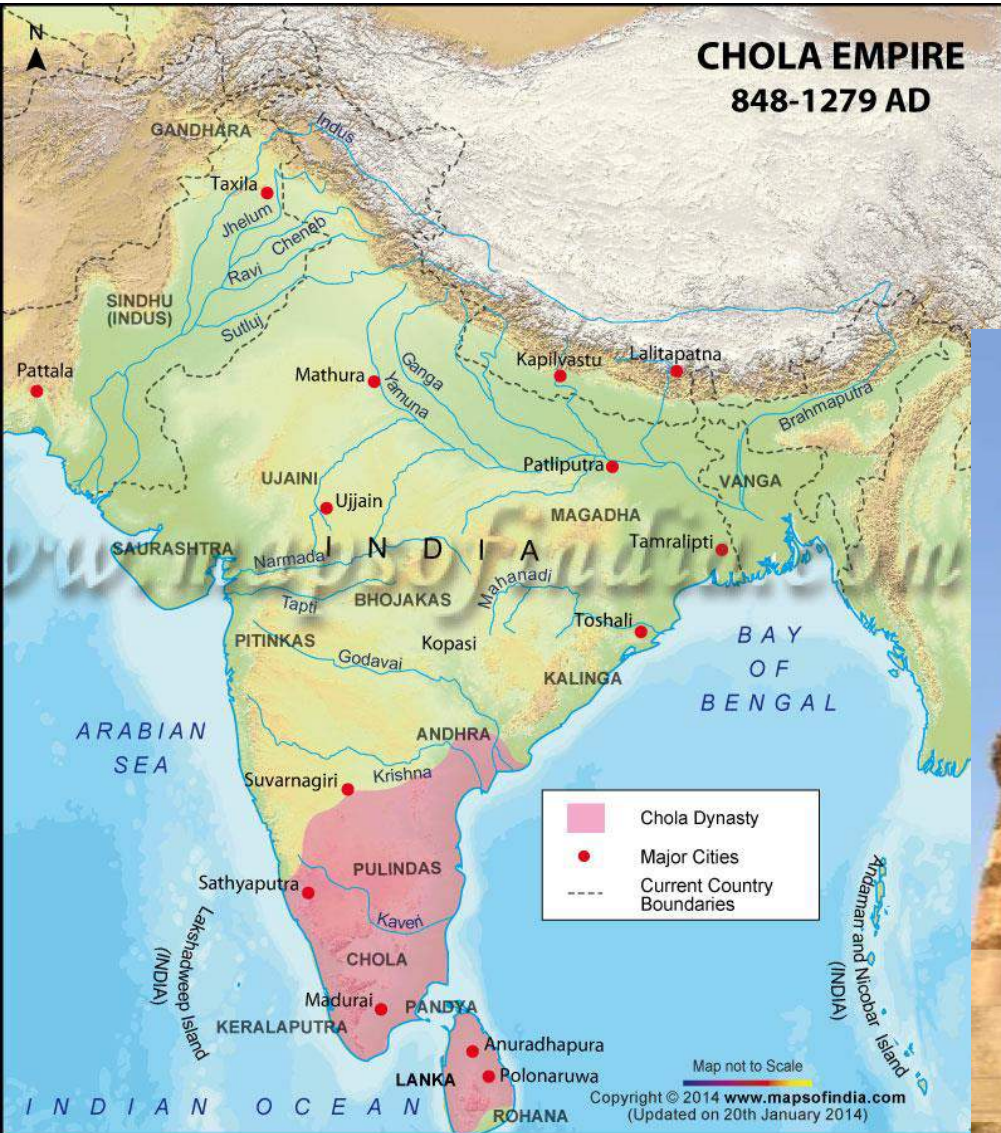
- 8 Directive principles
- 9 Mixture of rigidity with flexibility
- 10 Single citizenship
- 11 Preventive detention
- 12 A Secular State
- 13 Independent judiciary
- 14 Adult suffrage

# SEPTEMBER PORTI



Happy  
Teachers Day

"The true teachers are those who help us think for ourselves"



# DELHI SULTANATE

*MID TERM EXAM*

**Wish You  
All the Best**

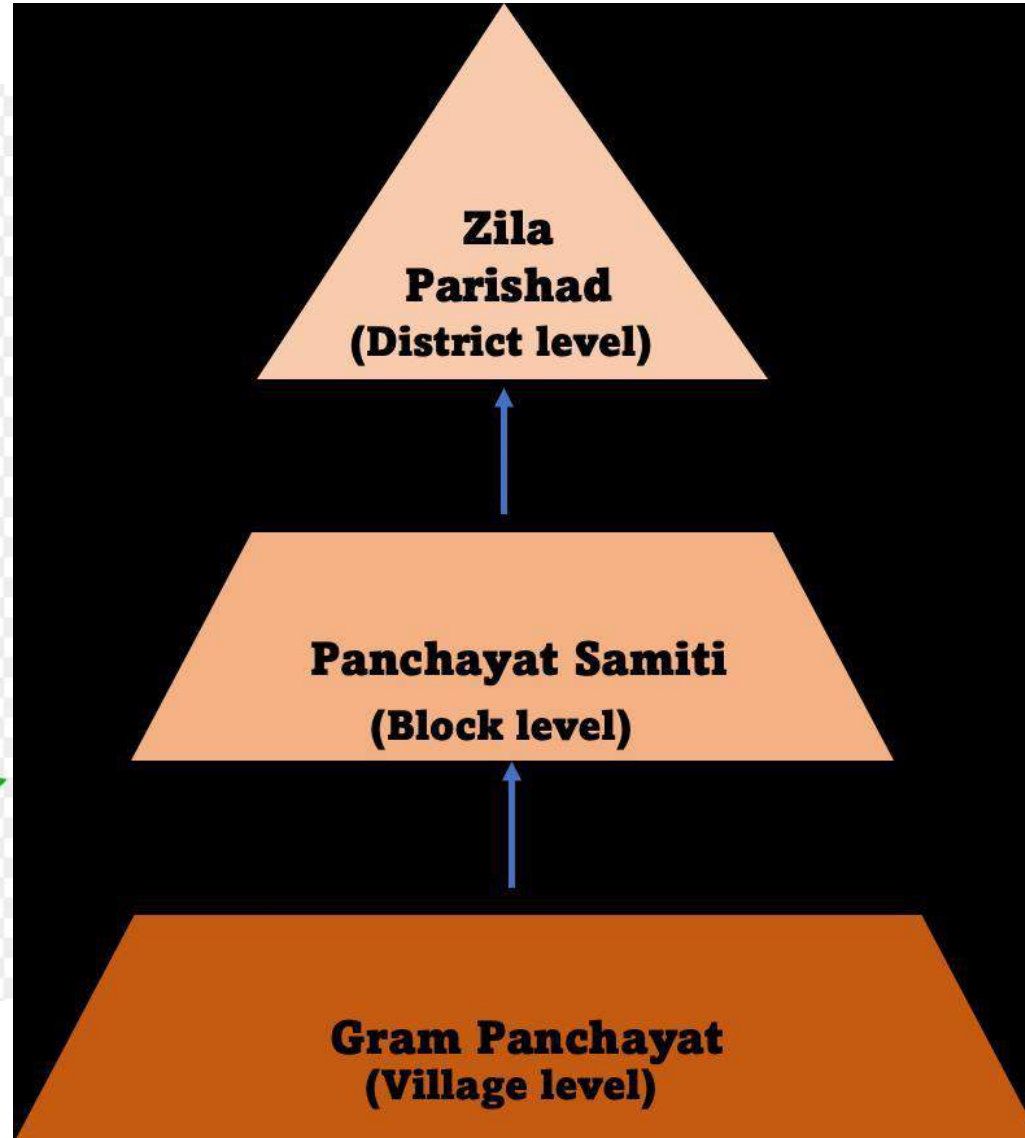


**October**

# NOVEMBER PORTION: UNIT TEST 2



# DECEMBER



## The Age of Exploration





# JANUARY 24: PORTION : URBAN DEVELOPMENT, THE REFORMATION AND THE INDUSTRIAL REVOLUTION

## THE REFORMATION

### MEANING:-

- Reformation Movement was led by Martin Luther
- Protested against the evil practices that had crept into the Roman Catholic Churches
- Led to spirit of inquiry
- Catholic Church was split into two



### DISSATISFACTION WITH THE PRACTICES OF THE CATHOLIC CHURCH :-

- Life-style of Pope and the Clergy
- The priests were exploitative
- Sale of the Indulgences
- 'Tithe' and Peter's pence taxes for the support of the Church
- Raising fund to build St.Peter's Basilica

## Urban Local Self - Government



URBAN  
LOCAL  
SELF-  
GOVERNMENT



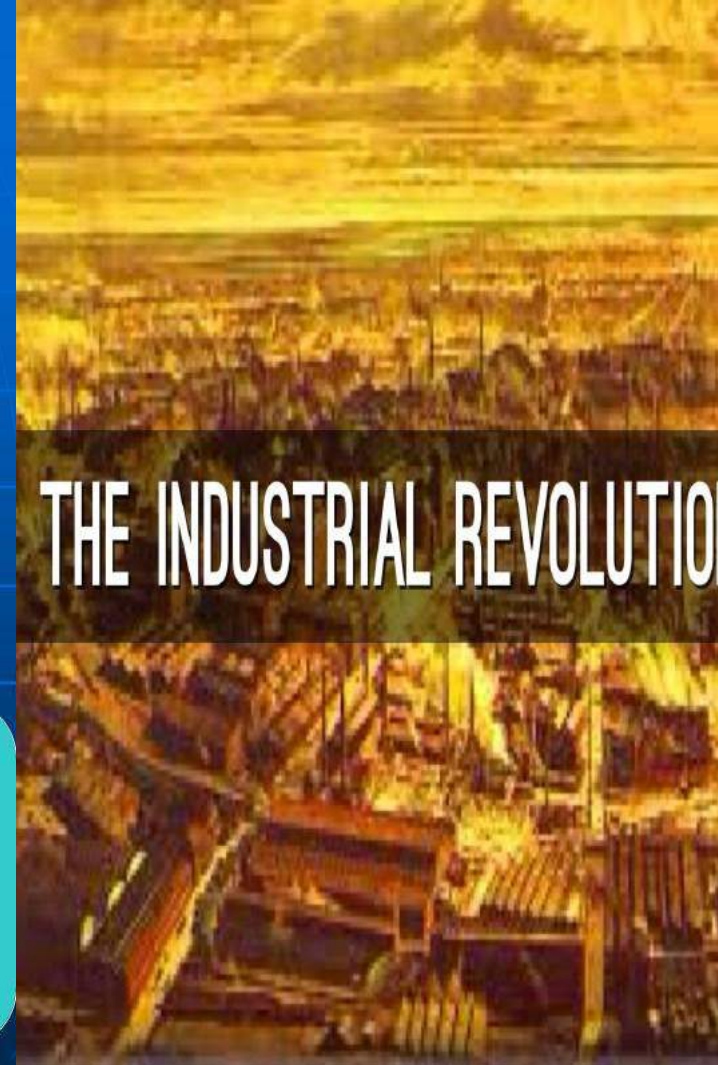
MUNICIPAL  
CORPORATIONS

MUNICIPALITIES

CANTONMENT  
BOARDS

PORT  
TRUSTS

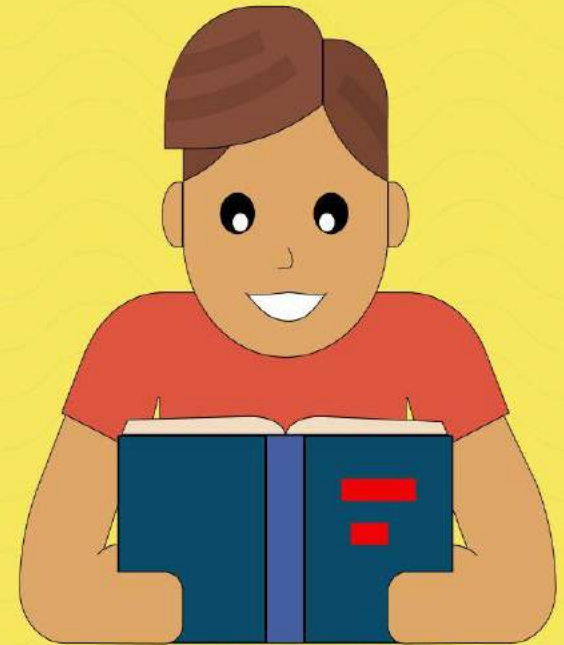
## THE INDUSTRIAL REVOLUTION



FINAL EXAMS: FEBRUARY

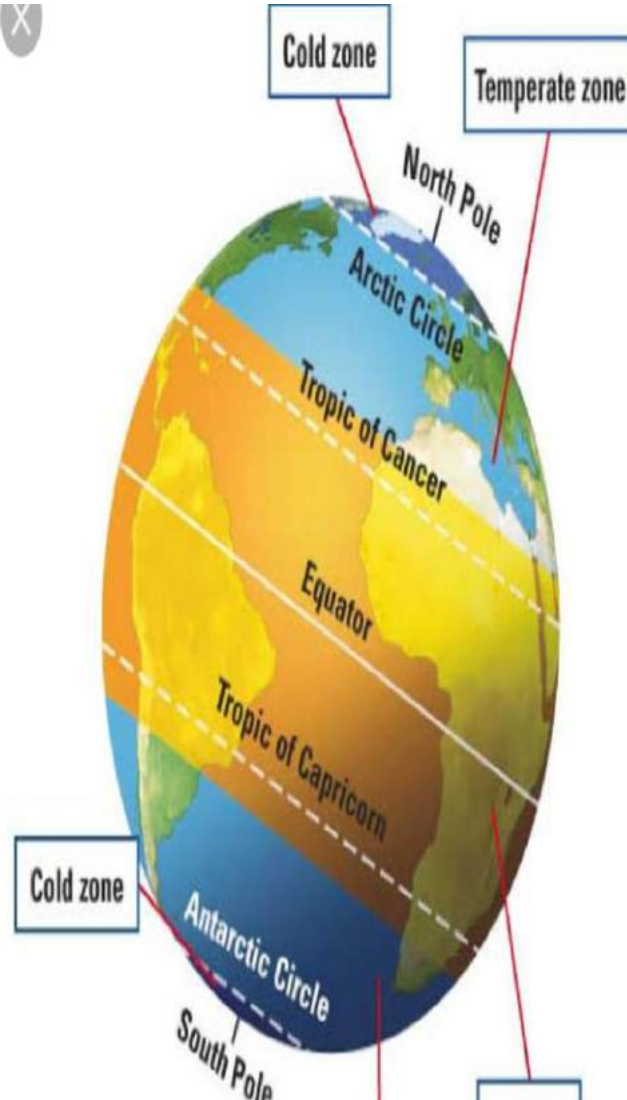
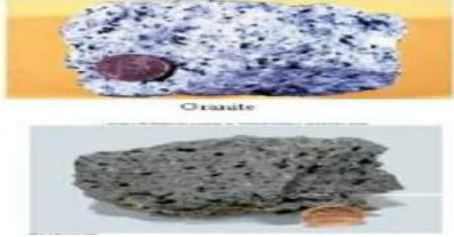
HISTORY LESSON'S 1-13 & CIVICS LESSON'S 1-6

**Wish You  
All the Best**

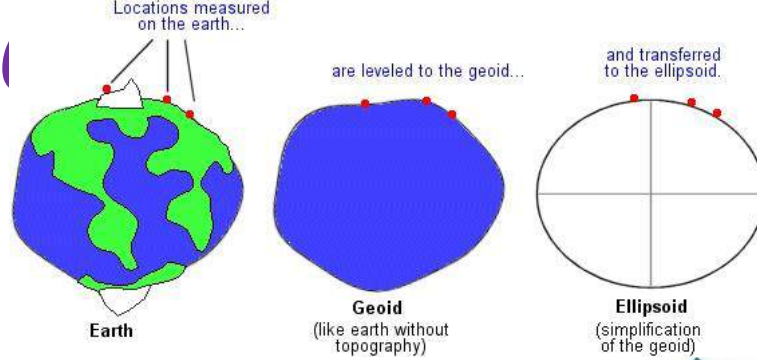




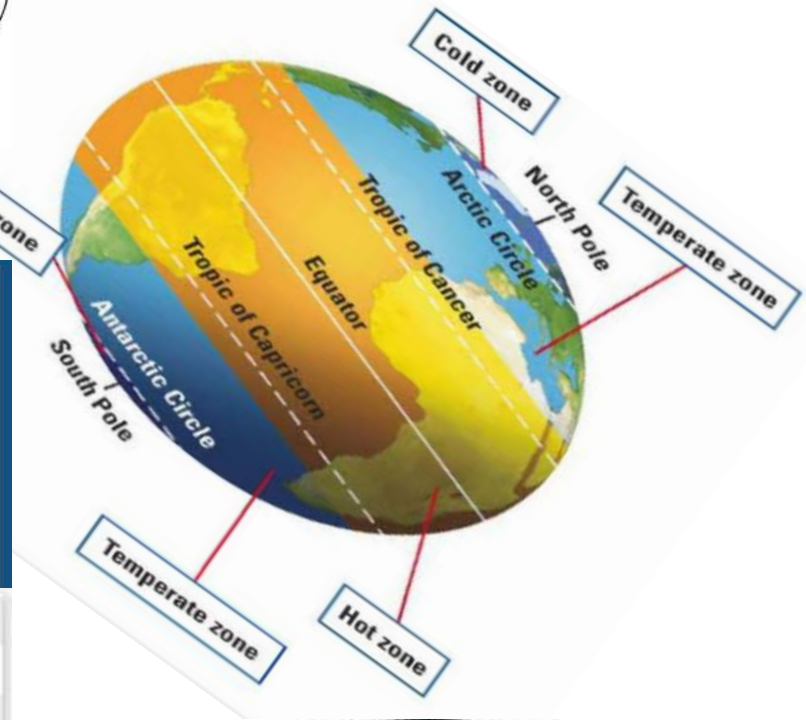
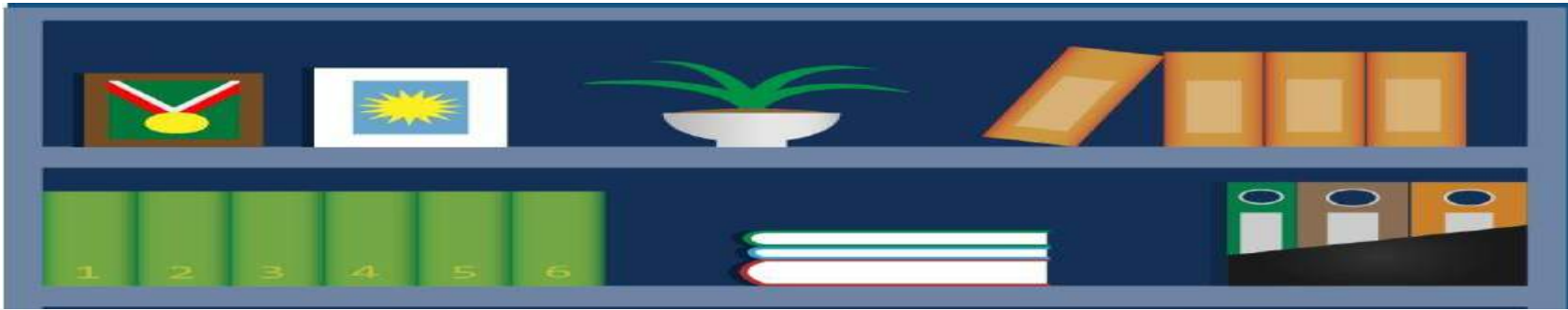
# CLASS 9<sup>TH</sup> GEOGRAPHY ANNUAL PLAN



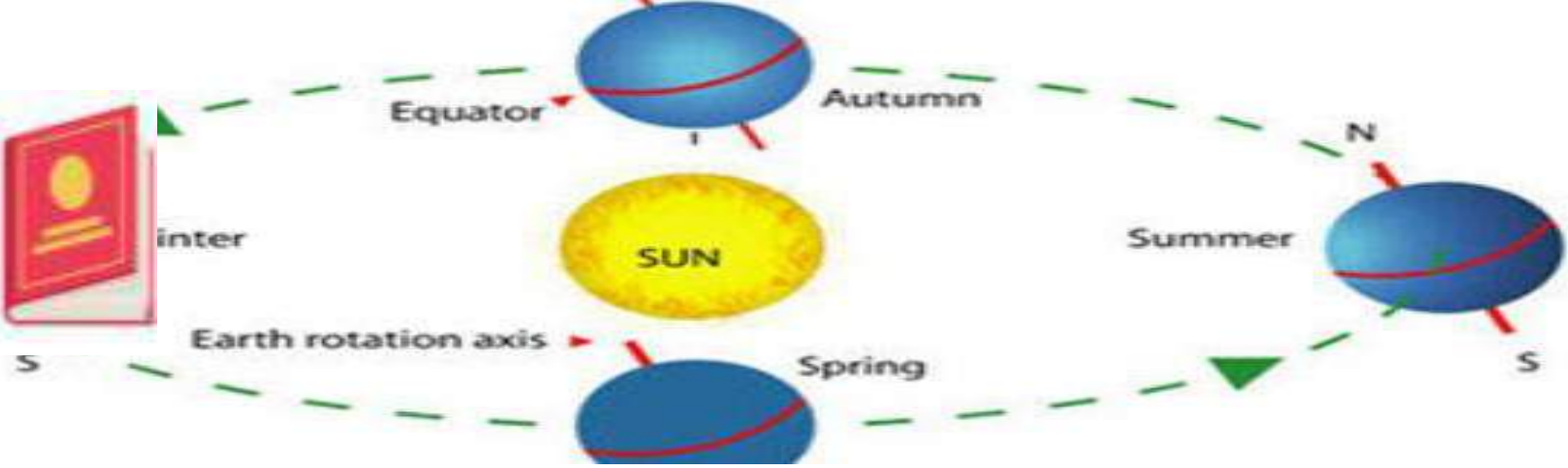
# MAR-APRIL PORTION



# EARTH AS A PLANET



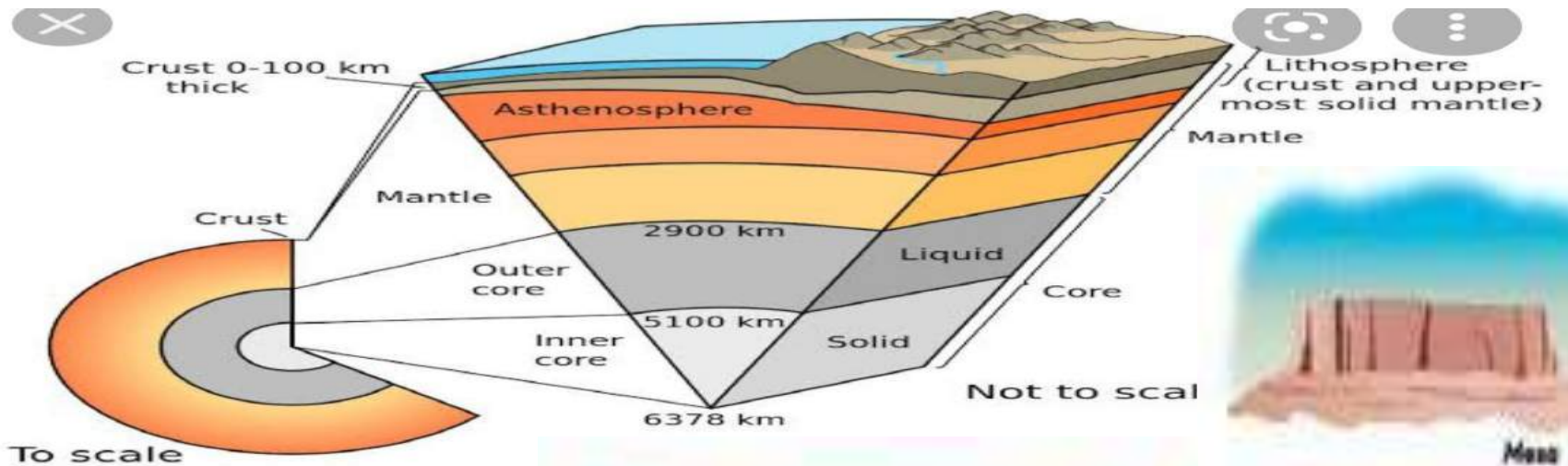
# JULY PORTION



# ROTATION REVOLUTION

## UNIT TEST -1

## EARTH'S STRUCTURE



## LANDFORMS OF THE

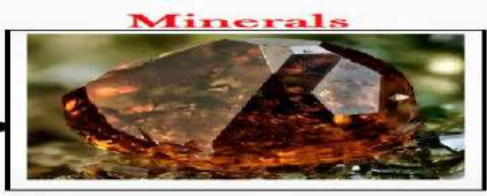




# ROCK AND ROCK CYCLE



**vs.**  
Geology



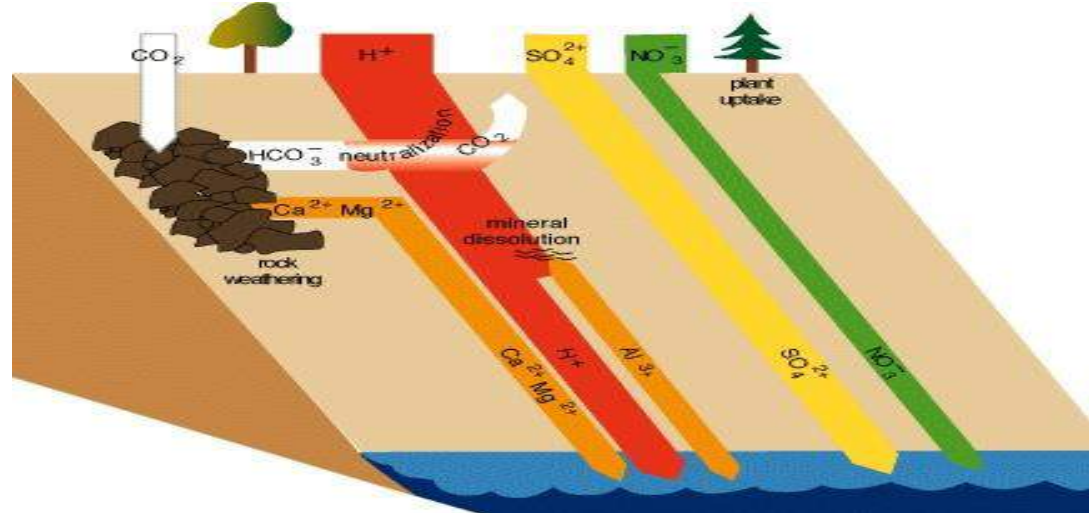
# EARTHQUAKES



# DENUDDATION

*SEPTEMBER*

*PORTION*





# *OCTOBER EXAM TIME: MID TERM*

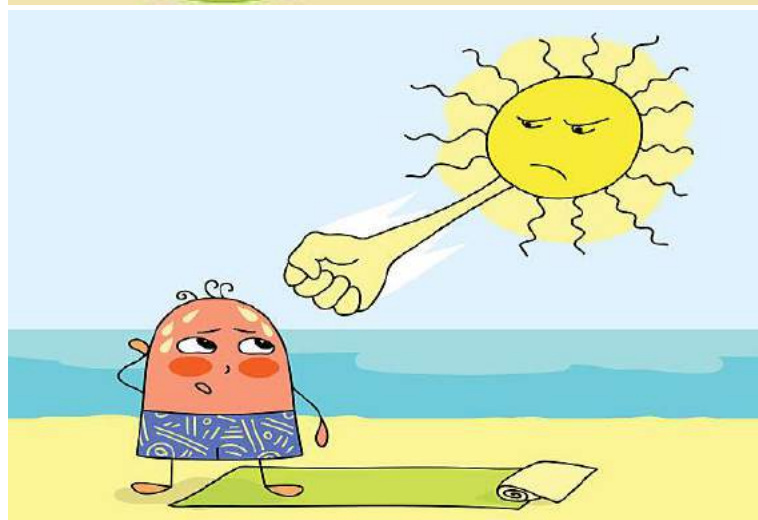
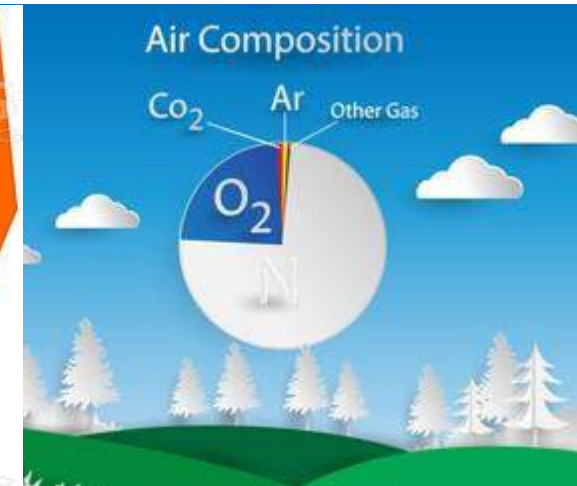
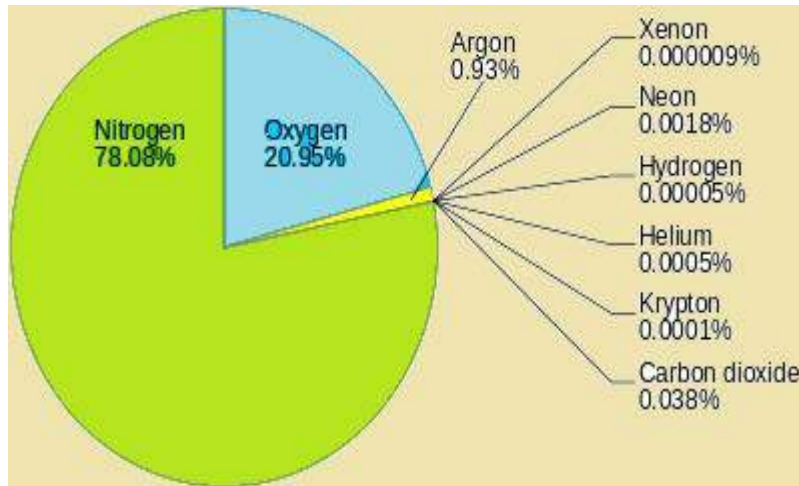
- OUR PLANET EARTH – DENUDATION
- Project collection of term 1 and giving term 2 project.



? NOVEMBER

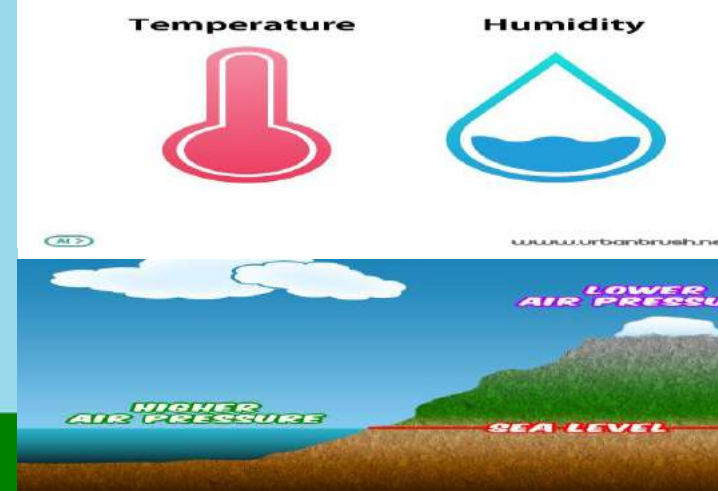
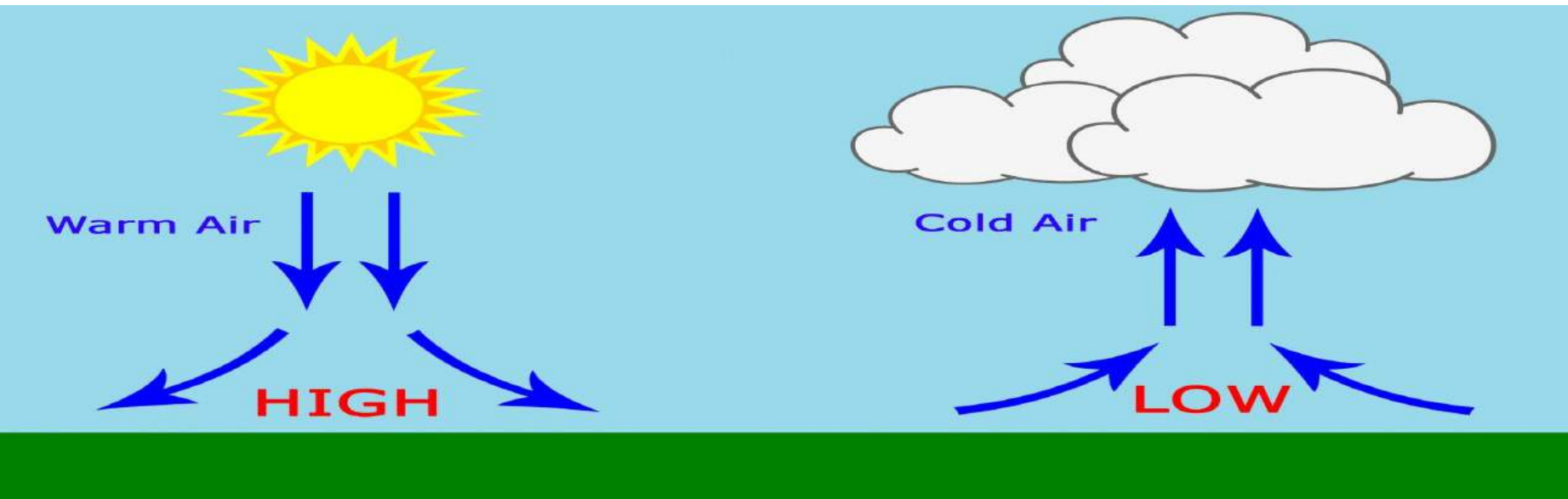
? PORTION

# COMPOSITION AND STRUCTURE OF ATMOSPHERE INSOLATION





# ATMOSPHERIC PRESSURE AND WINDS HUMIDITY AND POLLUTION- DECEMBER





# EFFECTS OF POLLUTION : January THE

## PREVENTIVE MEASURES

## NATURAL REGIONS OF



### TYPES OF MAJOR NATURAL REGIONS:

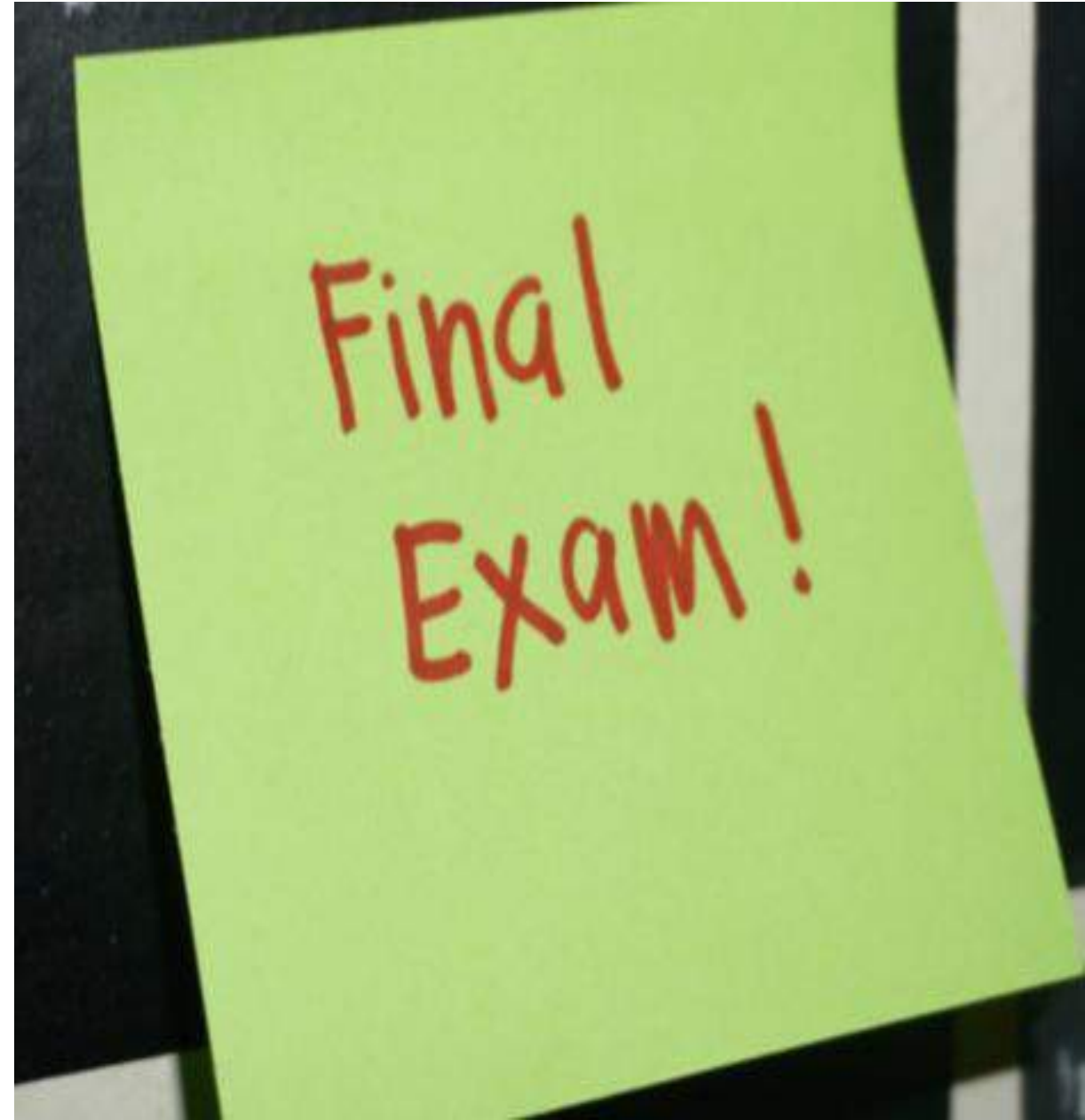
- ❖ Equatorial Regions.
- ❖ Tropical Grassland Regions.
- ❖ Tropical Monsoon Regions.
- ❖ Hot desert Regions.
- ❖ Mediterranean Regions.
- ❖ Continental Cool Temperate Regions.
- ❖ Temperate Grassland Regions.
- ❖ Taiga Region.
- ❖ Tundra or Polar Regions.



# FINAL EXAM PORTION: Our planet Earth to Waste Management

FEB –MARCH (2024)

- COLLECTION OF TERM 2 PROJECT
- REVISION FOR THE EXAM
- PROMOTION LIST WITH RESULTS
- CLASS X STARTS





**IX CLASS MATHEMATICS**  
**YEAR PLAN (2023-2024)**

S.No	CHAPTER NAME	TEACHING POINTS	MONTH	NO.OF PERIODS
1.	CH-1 Rational and Irrational Numbers	<ul style="list-style-type: none"> <li>* Review of Rational numbers</li> <li>*Terminating ,non-terminating decimals</li> <li>*Properties of rational numbers</li> <li>*Rationalization of denominators</li> </ul>	APRIL	16
2.	CH-2(2B,2C) Compound Interest	<ul style="list-style-type: none"> <li>*Calculation of CI using formulae when interest is compounded yearly and Half yearly</li> <li>*Rate of Growth and Depreciation</li> </ul>	JUNE	6
3.	CH-3 Expansions	<ul style="list-style-type: none"> <li>*Special Products</li> <li>*More Identities</li> <li>*Some more Products</li> </ul>	JUNE	8
4.	CH-4 Factorization	<ul style="list-style-type: none"> <li>*Factorization by Grouping</li> <li>*difference of two squares</li> <li>*Sum or Difference of cubes</li> <li>*Factorization of trinomial <math>ax^2+bx+c</math></li> </ul>	JULY	12

5.	Simultaneous pair of linear equations CH-5	<ul style="list-style-type: none"> <li>*Solution of linear equations</li> <li>*Substitution, Elimination method</li> <li>*Cross Multiplication Method</li> <li>*Word problems on Numbers, Ages, speed and time, on Area, on Boat and Streams, on Time and Work, Geometry</li> </ul>	JULY	14
6.	CH-6,7 Indices/Exponents AND Logarithms	<ul style="list-style-type: none"> <li>*Fractional Indices</li> <li>*Laws of Indices</li> <li>*laws of logarithms and their uses</li> </ul>	August	14
7.	CH-21 Co-ordinate Geometry	<ul style="list-style-type: none"> <li>*Coordinate axes and quadrants</li> <li>*Coordinates of point on X and Y axes</li> <li>*Graphs of linear equations</li> <li>*To draw the graph of <math>y=mx+c</math>, <math>y=mx</math></li> <li>*Distance between two given points</li> </ul>	August	8
8.	CH-17 Perimeter and area of plane figures	<ul style="list-style-type: none"> <li>*Introduction Perimeter and Area</li> <li>*Perimeter and Area of Triangles</li> <li>*Perimeter and Area of Quadrilaterals</li> </ul>	August	6
9.	CH-18 Circumference and Area of a circle	<ul style="list-style-type: none"> <li>*Circle Area and Circumference</li> <li>*Direct application Problems including inner and outer area</li> <li>*Areas of Sectors of Circles</li> </ul>	September	10

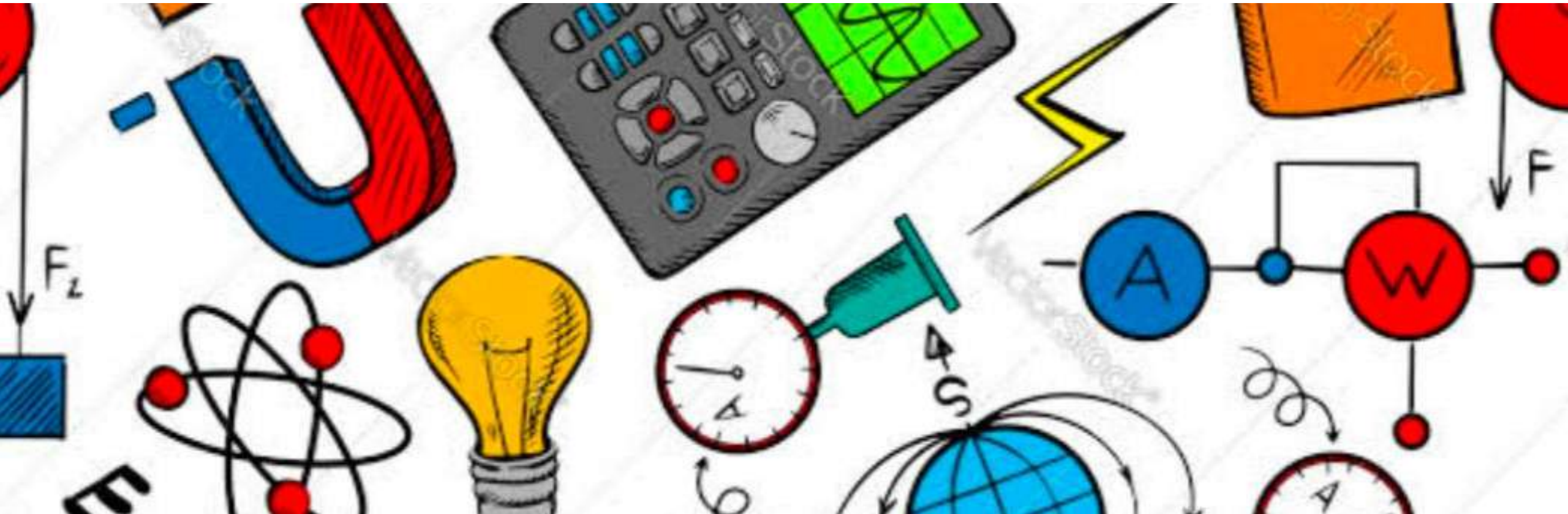


10.	CH-19 Volume and surface area of solids	*Surface area and volume of 3D solids cube and cuboid involving (i) cost (ii) Open or closed cubes/cuboids (iii) Different internal and external dimensions of the solid	September	8
11.	CH-20 Trigonometry	*Introduction to trigonometry *T-ratios of Right Triangle *Reciprocal and Quotient relations *T-ratios of 0,30,45,60,90 *T-ratios of complementary Angles *Simple two dimensional problems	September	12
12.	CH-15 Frequency Distribution	*Introduction to data and statistics *Fundamental characteristics of data *Continuous and discrete variables *Prepare frequency distribution table *Inclusive and Exclusive classes *cumulative frequency of CI and table	September	6

13.	CH-16 Mean and Median of ungrouped data and frequency polygon	<ul style="list-style-type: none"> <li>*Introduction to data</li> <li>*Average of data, Arithmetic Mean</li> <li>*Mean of an Ungrouped data and ungrouped frequency distribution</li> <li>*Median of Ungrouped Data and discrete series</li> <li>*Frequency polygon and its graph</li> </ul>	October	6
13.	Triangles CH-8,9	<ul style="list-style-type: none"> <li>*Triangle and Types of Triangles</li> <li>*Congruence of triangles</li> <li>*Results on Isosceles Triangles</li> <li>*Inequalities of Triangles</li> <li>*Midpoint and Intercept Theorem</li> </ul>	November	10
14.	CH-10 Pythagoras theorem	<ul style="list-style-type: none"> <li>*Area based proof of Pythagoras theorem and simple applications</li> <li>*converse of Pythagoras Theorem</li> </ul>	November	6

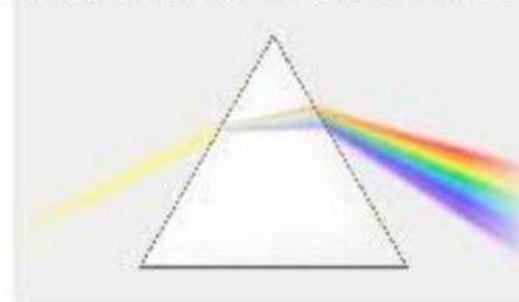
15	CH-11 Quadrilaterals	<ul style="list-style-type: none"> <li>*Quadrilateral and its related terms</li> <li>*Types of Quadrilaterals</li> <li>*Angle sum property of Quadrilateral</li> <li>*Construction of parallelograms rhombus, regular hexagon using ruler and compass only</li> </ul>	November	6
16.	CH-12 Areas of Parallelograms and Triangles	<ul style="list-style-type: none"> <li>*Basic concepts and area axioms</li> <li>*Results on area of polygon regions</li> <li>*triangles between same base and between the same parallels</li> <li>* Triangles with equal areas on same base have equal altitudes</li> </ul>	December	6
17.	CH-13,14 Chord and Arcs properties of circles	<ul style="list-style-type: none"> <li>*Circles Introduction</li> <li>*Facts related to circles</li> <li>*Chord properties of a circle</li> <li>*Results on equal arcs(statements)</li> </ul>	December	8

# PHYSICS CLASS IX TERM WISE PLAN



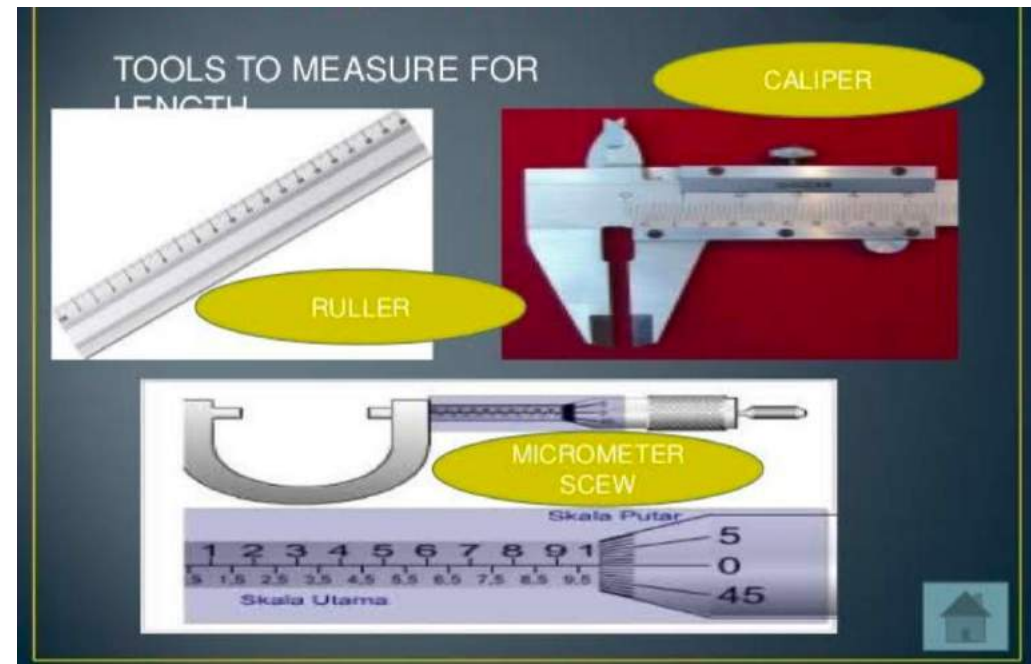
# TERM 1

- **Sir Isaac Newton** (25 December 1642 – 20 March 1726) was an English physicist and mathematician.
- Newton's *Principia* formulated the laws of motion and universal gravitation, which dominated scientists' view of the physical universe for the next three centuries.
- Newton built the first practical reflecting telescope and developed a theory of colour based on the observation that a prism decomposes white light into the many colours of the visible spectrum.

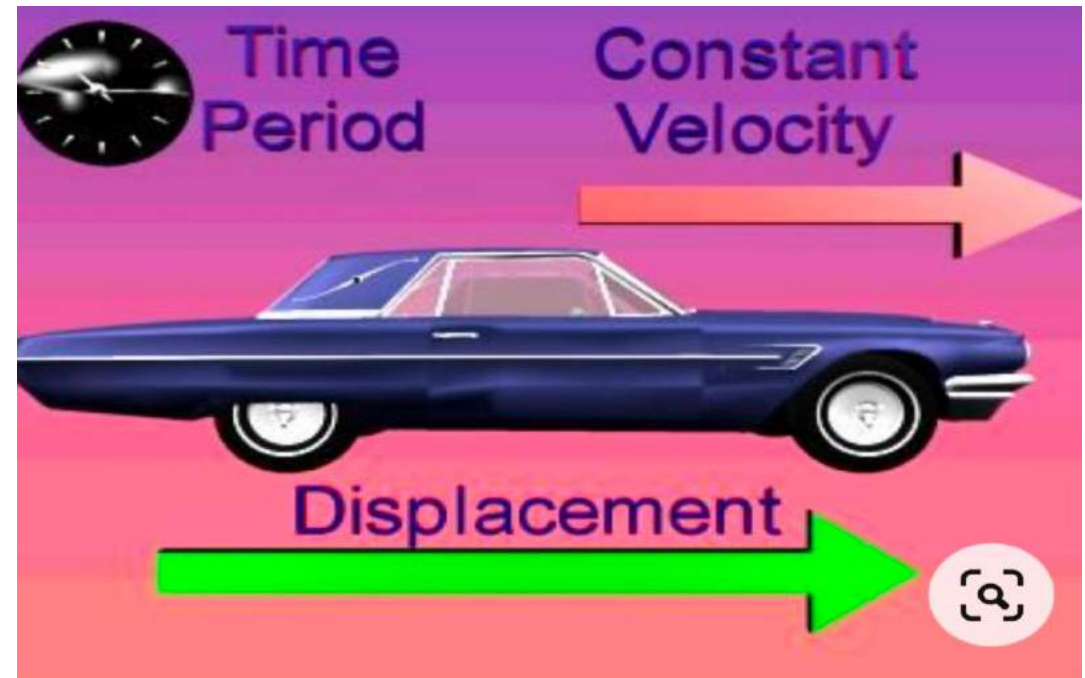


JUNE

# 01. Measurement and Experimentation

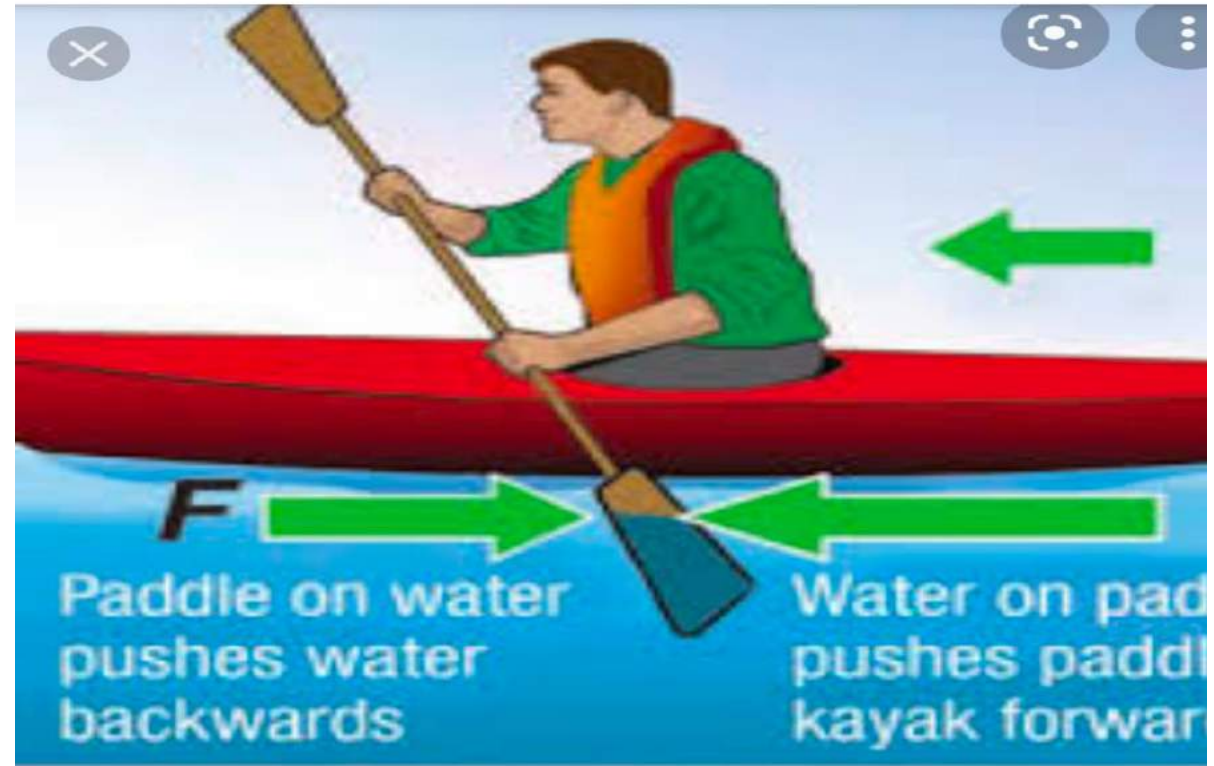


# 02. One Dimension motion



JULY

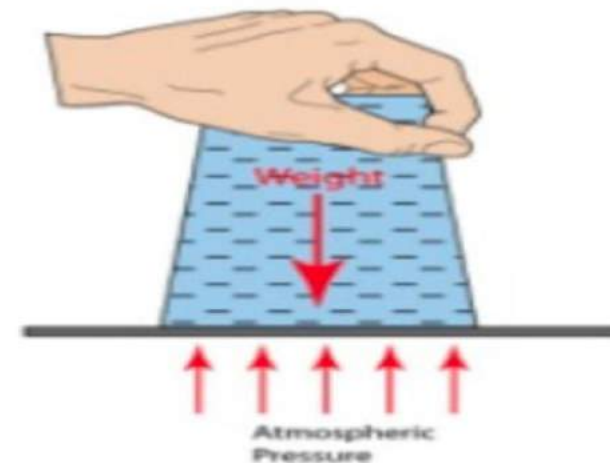
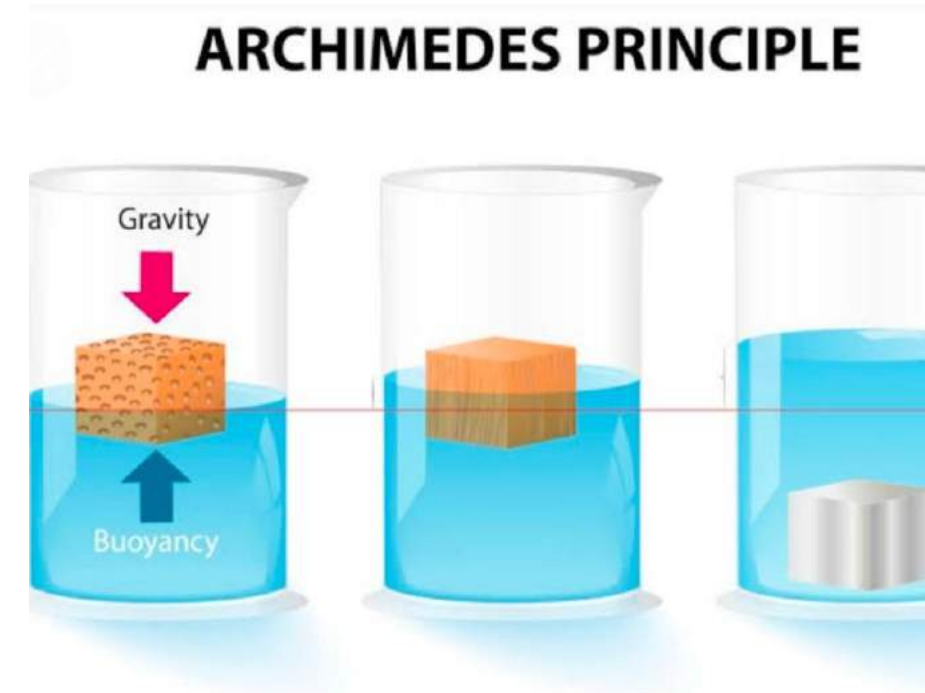
- 03. Laws of Motion



# AUGUST

## 04. Pressure in Fluids and Atmospheric Pressure

## 05. Upthrust in Fluids, Archimedes Principle and Floatation

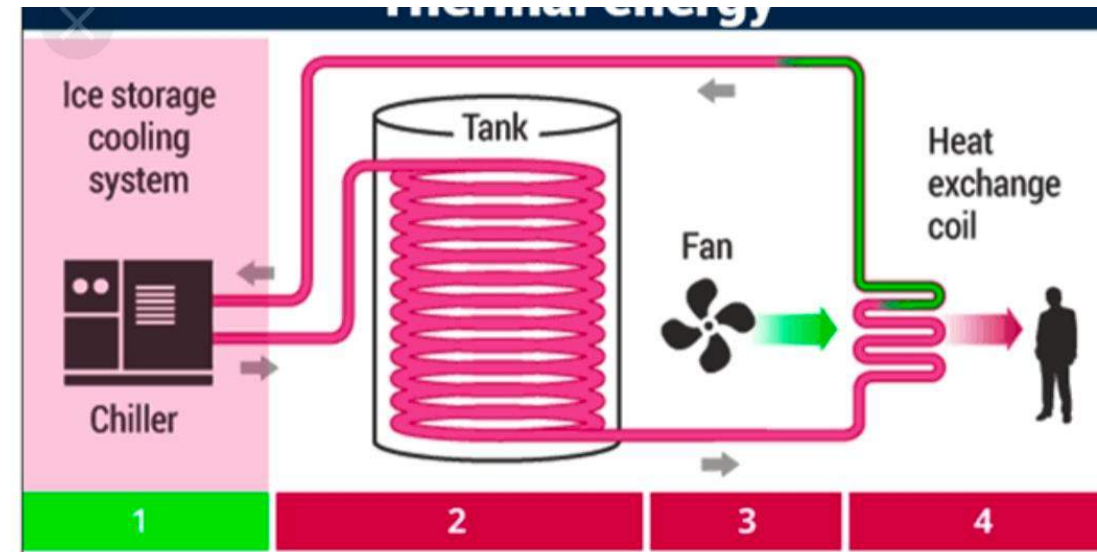
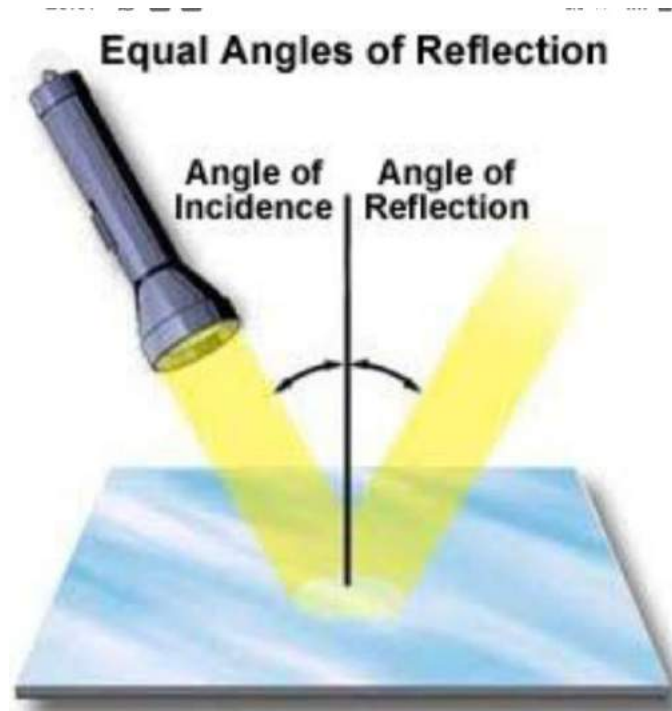




SEPTEMBER

## 06. Heat and Energy

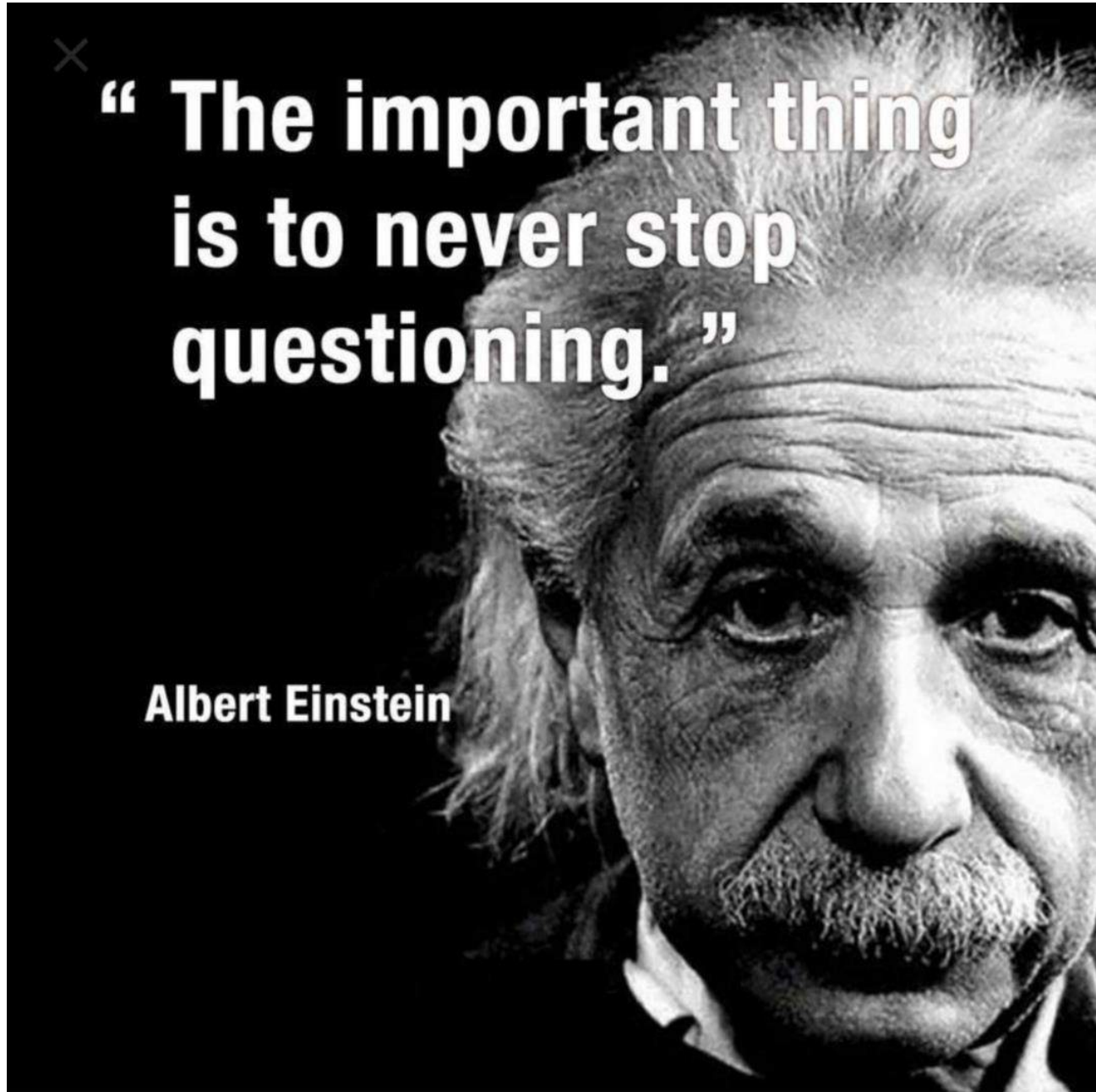
## 07. Reflection of Light



## TERM 2

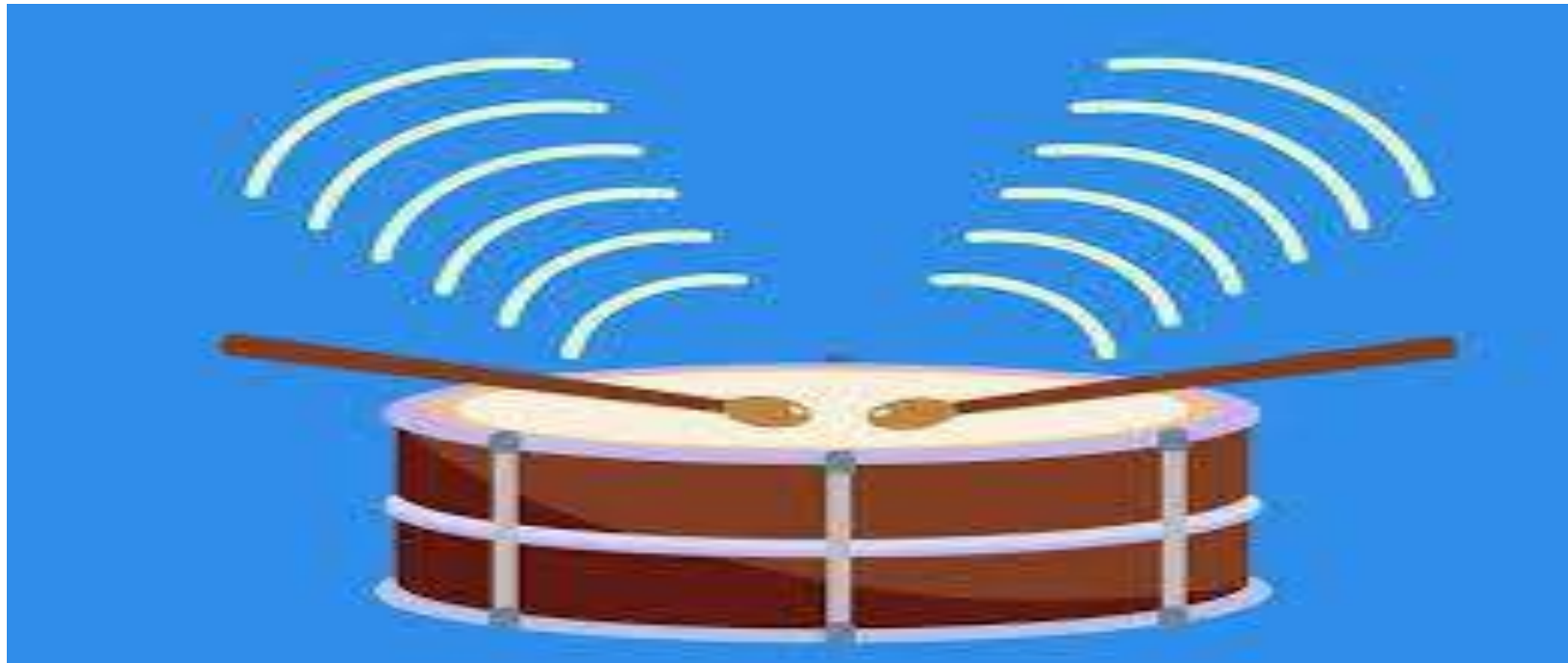
✕ “ The important thing  
is to never stop  
questioning. ”

Albert Einstein



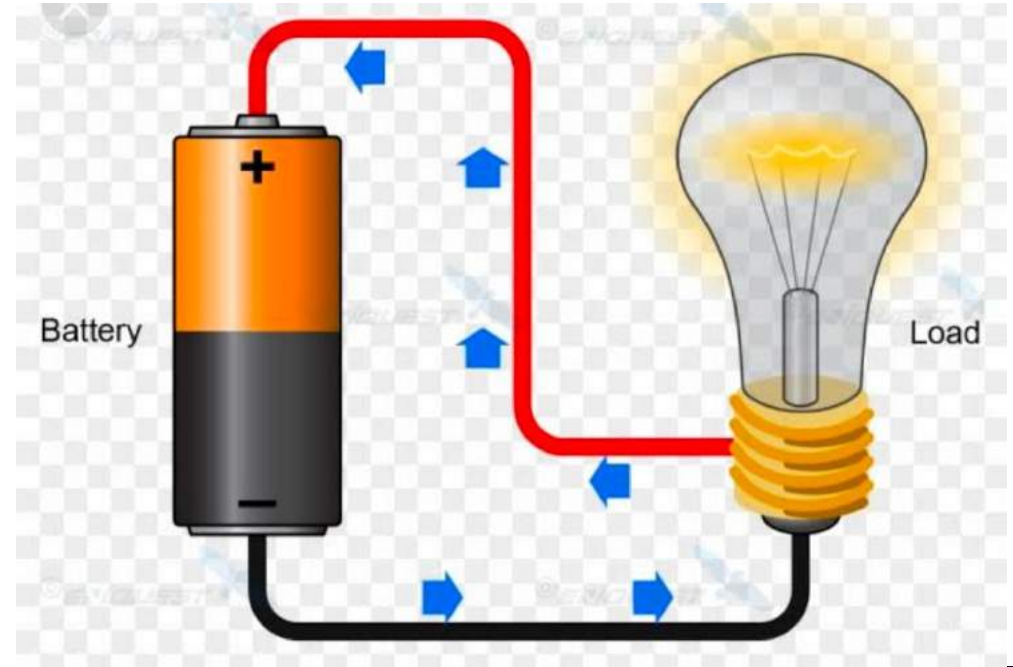
# OCTOBER

## 08. Propagation of Sound Waves

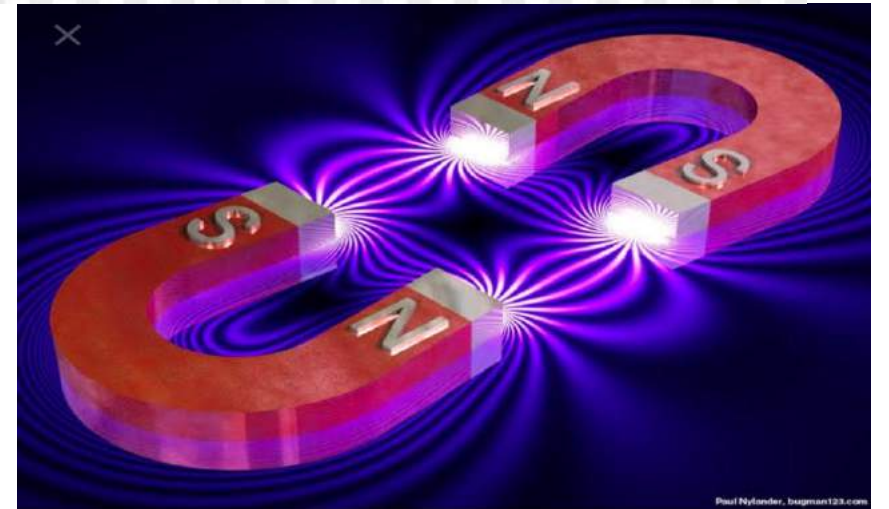


NOVEMBER

## 09. Current Electricity



## 10. Magnetism



DECEMBER

**REVISION**





# CLASS IX CHEMISTRY

YEAR PLAN  
2023-2024



# APRIL

## UNIT I – THE LANGUAGE OF CHEMISTRY



### THE LANGUAGE OF CHEMISTRY


- ✓INTRODUCTION
- ✓SYMBOLS
- ✓VALENCY
- ✓VARIABLE VALENCY
- ✓FORMULA
- ✓RADICALS
- ✓WRITING CHEMICAL FORMULAE
- ✓NAMING COMPOUNDS

# JUNE


**UNIT I – THE LANGUAGE OF CHEMISTRY(CONTD.)**

**UNIT II– CHEMICAL CHANGES AND REACTIONS**

PHYSICAL

break 

melt 


freeze 

cut 


boil 


slice 

CHEMICAL

heat 

fry 

explosion 

burn 

bake 

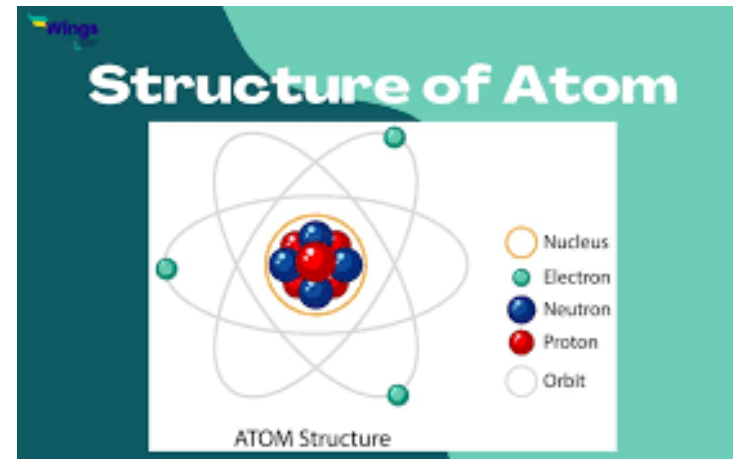
rot 



JULY

**UNIT III – WATER**

**UNIT IV – ATOMIC STRUCTURE**



# AUGUST

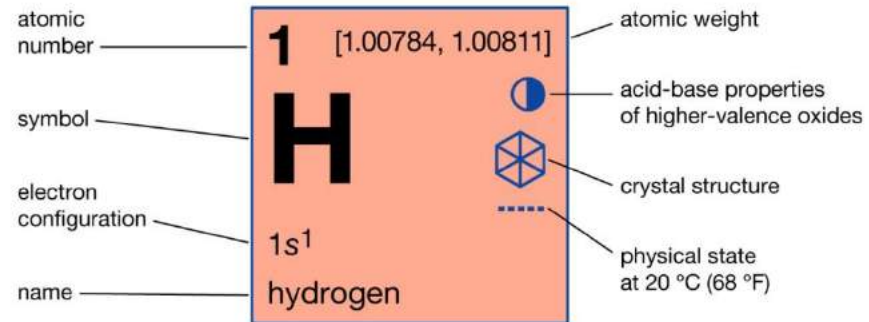
## UNIT V – THE PERIODIC TABLE

	1	2											13	14	15	16	17	18
1	H																	He
2	Li	Be											B	C	N	O	F	Ne
3	Na	Mg										Al	Si	P	S	Cl	Ar	
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		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
7	Fr	Ra		Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og
Lanthanides**	La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu			
Actinides**	Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr			

# SEPTEMBER

## UNIT VI – HYDROGEN

### Hydrogen



Other nonmetals	Gas
Hexagonal	Equal relative strength

# OCTOBER

## UNIT VII – STUDY OF GAS LAWS

### Combined Gas Law

Combines the laws of Boyle (P, V),  
Charles (V, T), and Gay-Lussac (P, T)

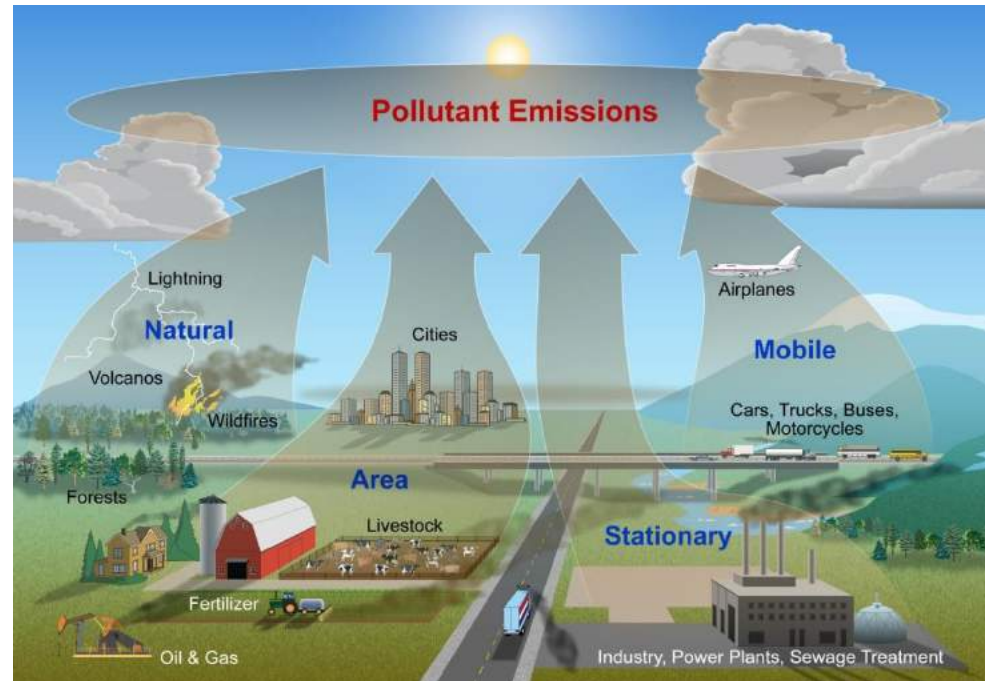
Relates: P, V, T when n is constant

Equation: 
$$\frac{P_1 V_1}{T_1} = \frac{P_2 V_2}{T_2}$$

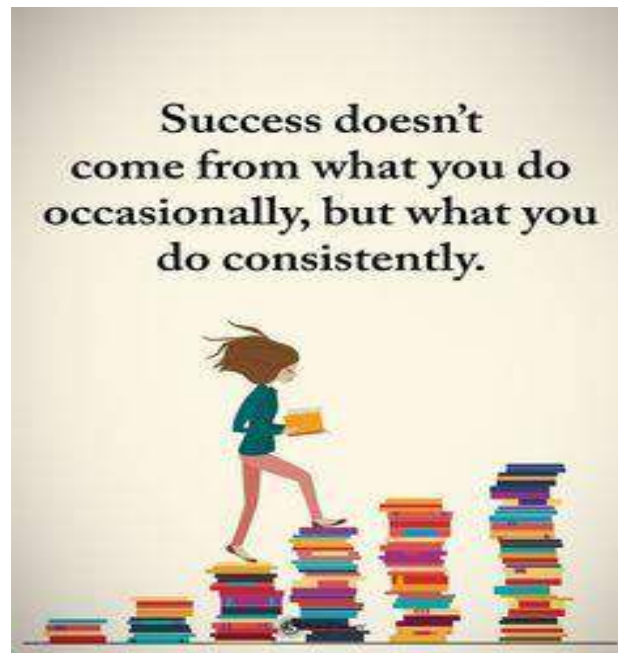


# NOVEMBER

## UNIT VIII – ATMOSPHERIC POLLUTION



# DECEMBER-JANUARY REVISION





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



# BIOLOGY CLASS-IX

SYLLABUS FOR THE  
ACADEMIC YEAR  
2023-2024

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## CLASS - IX BIOLOGY YEARLY PLAN 2023-2024

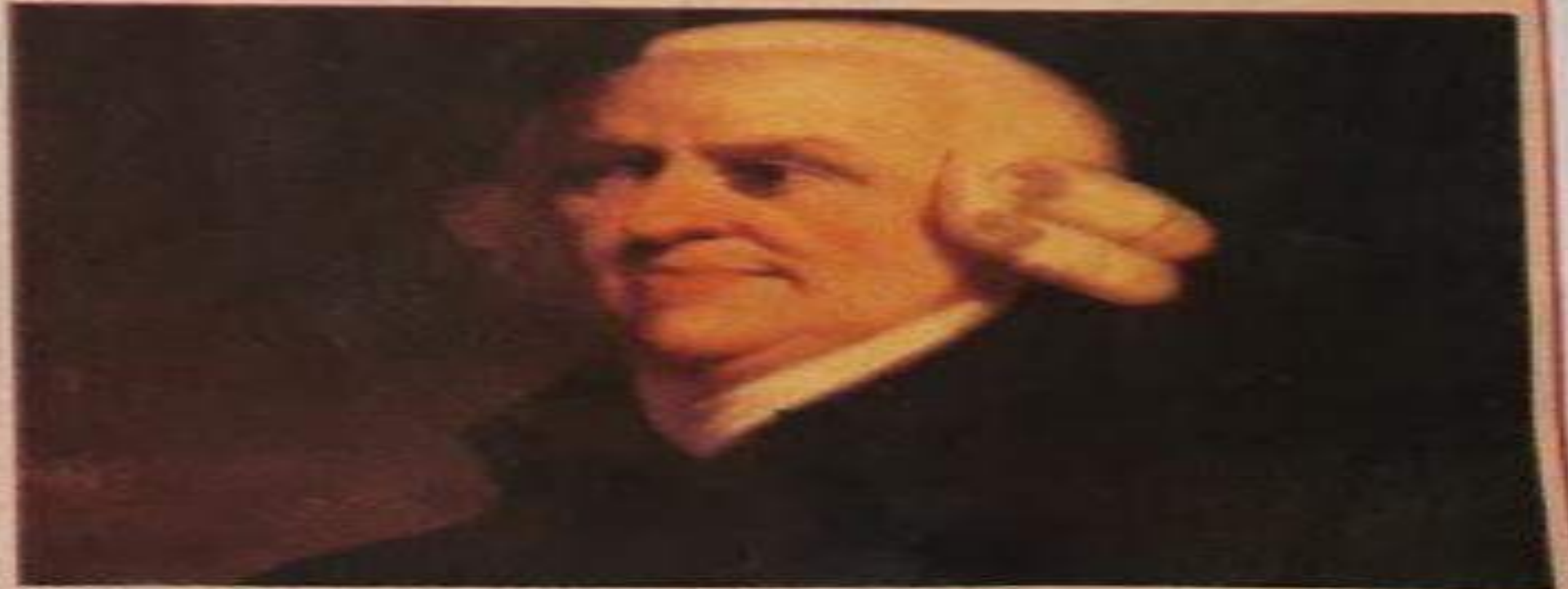
MONTH	MONTHLY-WISE LESSONS
MARCH APRIL	<b>UNIT 1 : Basic Biology</b> Ch.2 – Cell : The Unit of Life
JUNE	Ch.3 – Tissues: Plant and Animal Tissues <b>UNIT 2 : Flowering Plants</b> Ch.4 – The Flower Ch.5 – Pollination and Fertilization
JULY	<b>UNIT 3 : Plant Physiology</b> Ch.6 – Seeds – Structure and Germination Ch.7 – Respiration in Plants
AUGUST	<b>UNIT 4: Diversity in Living Organisms</b> Ch.8 – Five Kingdom Classification Ch.9 – Economic Importance of Bacteria and Fungi <b>UNIT 5: Human Anatomy</b> Ch. 10 – Nutrition
SEPTEMBER	Ch.11 – Digestive System Ch.12 – Skeleton – Movement and Locomotion Ch.13 – Skin – “The Jack of All Trades”

## CLASS - IX BIOLOGY YEARLY PLAN – 2023-2024

MONTH	MONTHLY-WISE LESSONS
OCTOBER	<p><b>UNIT: 5 Human Anatomy</b> Ch. 14 – The Respiratory System</p> <p><b>UNIT: 6 Health an Hygiene</b> Ch. 15 – Hygiene – A key to Healthy Life Ch. 16 – Disease – Cause and Control</p>
NOVEMBER	<p><b>UNIT: 6 Health an Hygiene</b> Ch. 17 – Aids to Health Ch. 18 – Health Organisations</p>
DECEMBER	<p><b>UNIT: 6 Health an Hygiene</b> Ch. 19 – Waste Generation and Management</p>
JANUARY FEBRUARY	<p><b>Revision for Annual Examination</b></p>

# ECONOMICS PORTION CLASS IX. (2023-24)

Adam Smith is known as the father of economics. In his book, "Wealth of Nations", published in 1776, he has defined economics as 'the science of wealth'.



# INTRODUCTION TO ECONOMICS : MAR-APR

## Definitions of Economics

**A. Wealth Definition (1776):** Adam Smith, who is regarded as Father of Economics, defined economics as “a science which enquires into the nature and cause of wealth of nations”. He emphasized the production and growth of wealth as the subject matter of economics.



**B. Welfare Definition (1890):** According to A. Marshall “Economics is a study of mankind in the ordinary business of life; it examines that part of individual and social action which is most closely connected with the attainment and with the use of material requisites of wellbeing”.

**C. Scarcity Definition (1932)** :According to Lionel Robbins: “Economics is the science which studies human behavior as a relationship between ends and scarce means which have alternate uses.”



**D. Growth/Development Definition (1948):** According to Prof. Paul A Samuelson “Economics is the study of how men and society choose with or without the use of money, to employ the scarce productive resources which have alternative uses, to produce various commodities over time and distribute them for consumption now and in future among various people and groups of society. It analyses the costs and benefits of improving pattern of resource allocation”.

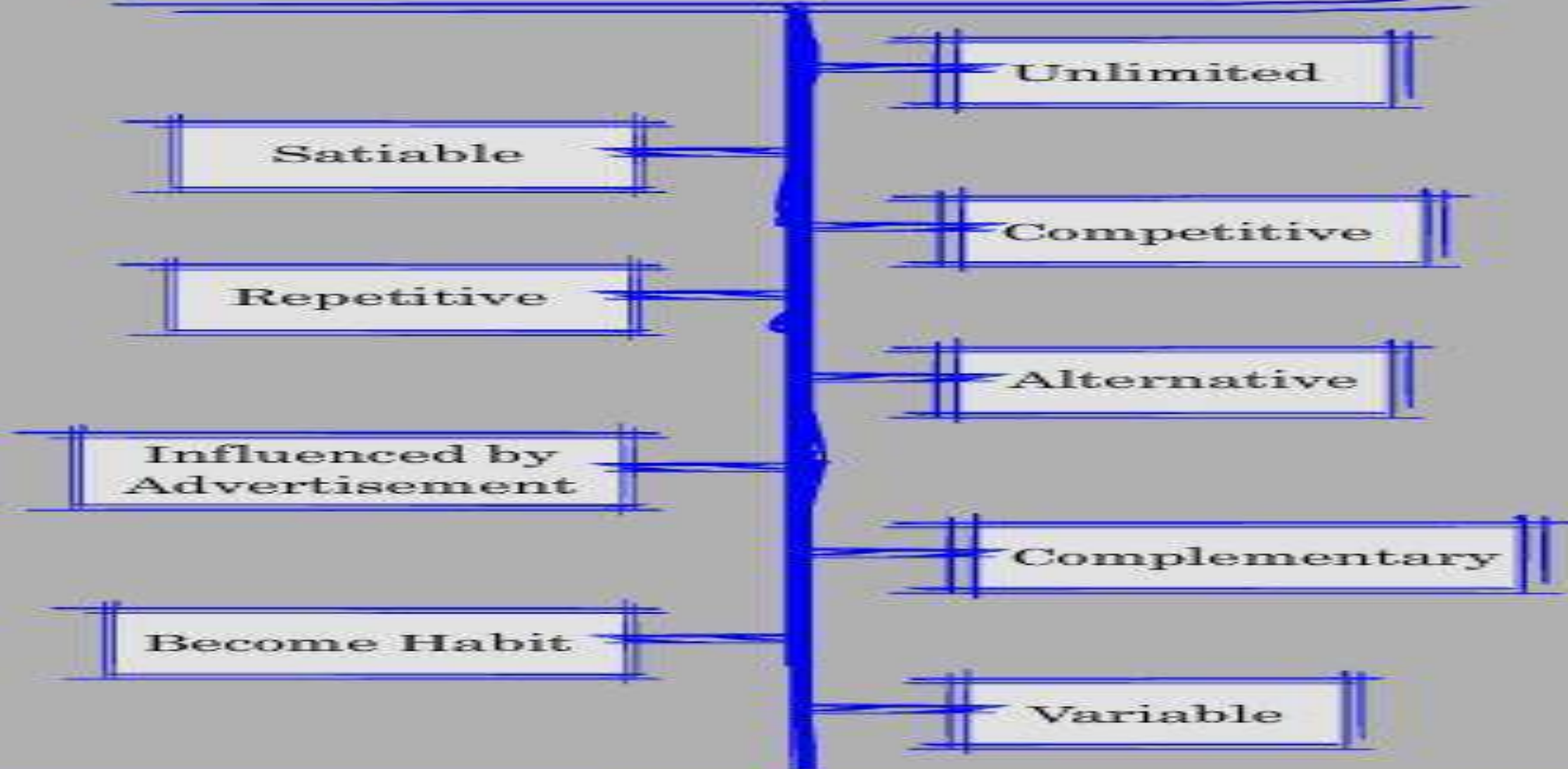
**E. Choice Making / Modern Definition of Economics (2011)**  
According to Prof.A.C.Dhas, ““Economics is the study of choice making by individuals, institutions, societies, nations and globe under conditions of scarcity and surplus towards maximizing benefits and satisfying their unlimited needs at present and future.”

In short, the subject Economics is defined as the “Study of choices by all in maximizing production and consumption benefits with the given resources of scarce and surplus, for present and future needs.”

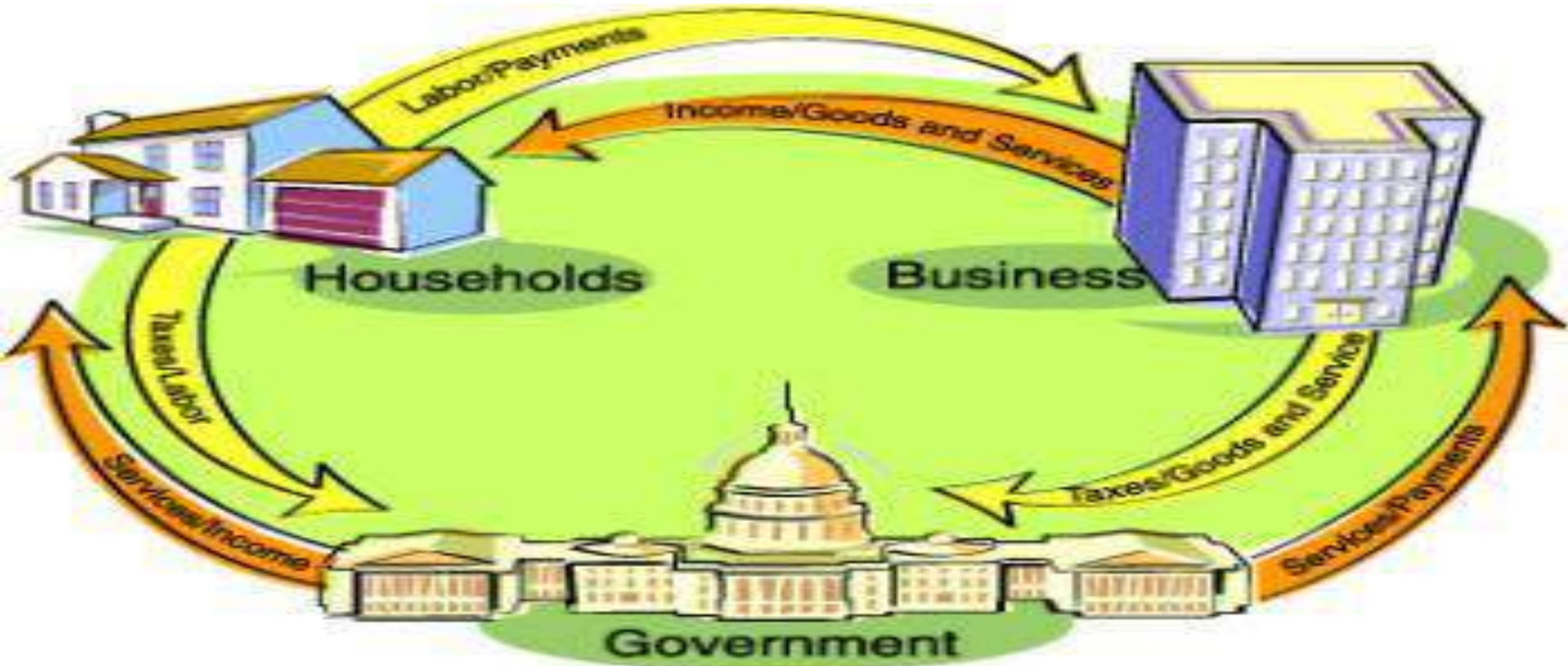


# JUNE PORTION JULY UT1

## Characteristics of Human Wants

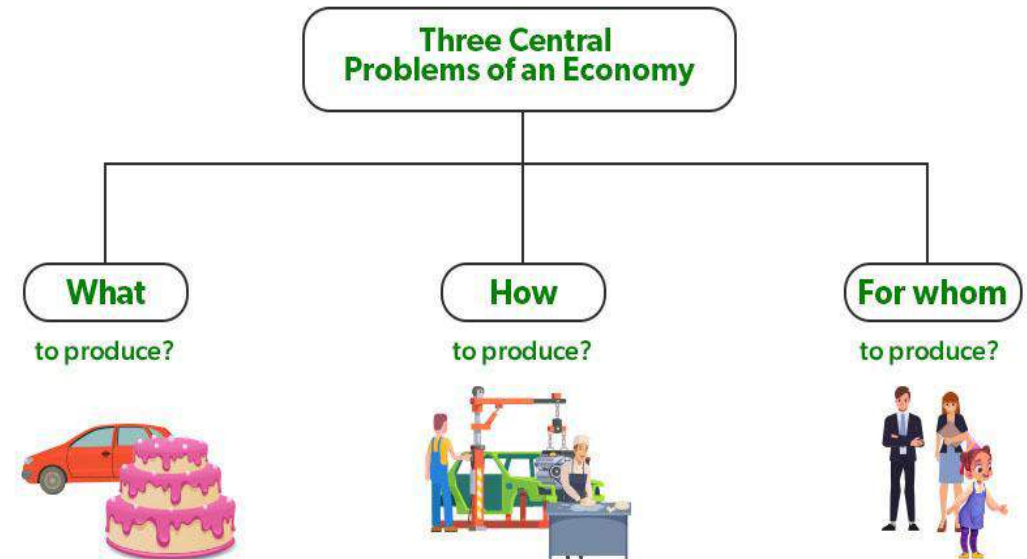


# AUGUST PORTION ECONOMIC ENTITIES



# SEPTEMBER PORTION: THE NATURE

- CLASSIFICATION OF ECONOMY
- SOLUTION TO THE BASIC PROBLEMS OF DIFFERENT ECONOMIES



REVISION AND MID-TERM EXAM: OCTOBER

**Wish You  
All the Best**



# NOVEMBER PORTION UT:2

- THE NATURE OF INDIAN ECONOMY
- THE SECTORS OF INDIAN ECONOMY

## Facts About India's Economy



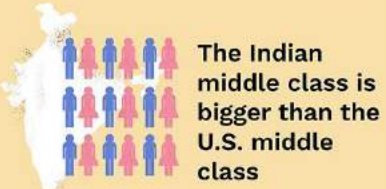
India has a mixed economy



Half of the workers rely on agriculture



The cost of living is lower than in the U.S.



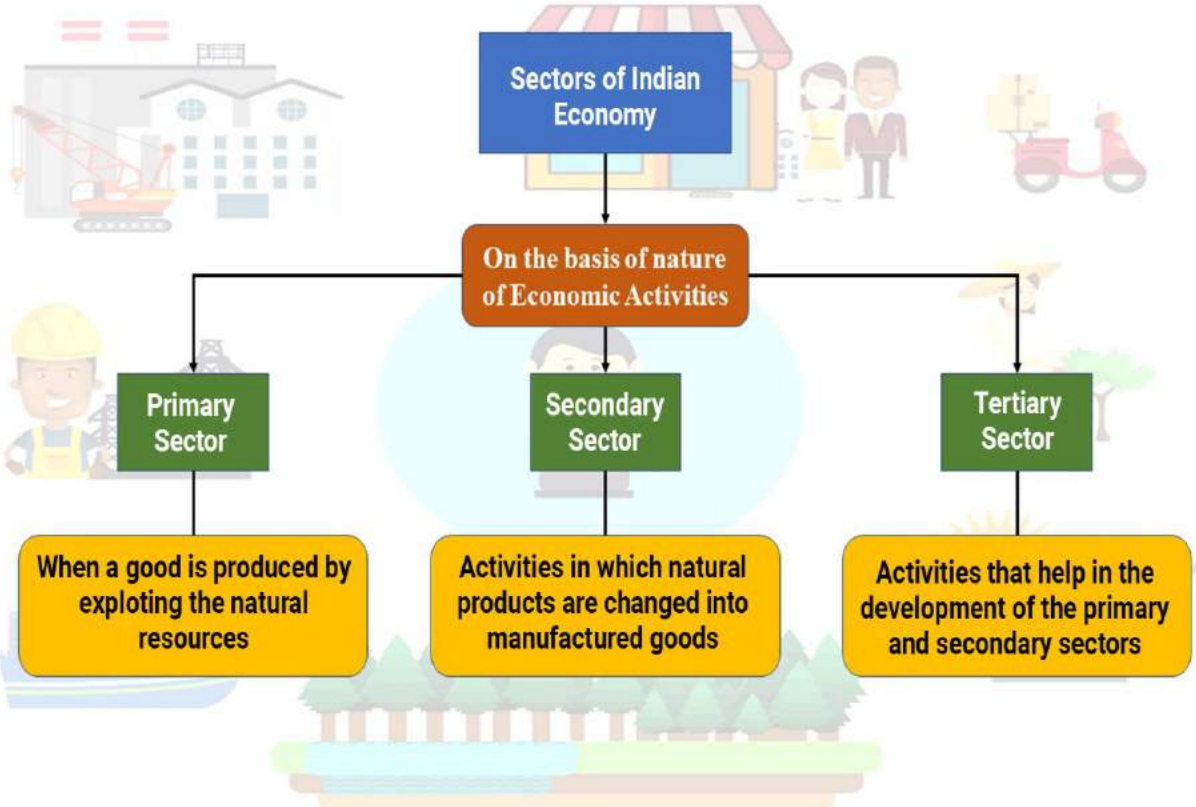
The Indian middle class is bigger than the U.S. middle class



It's an attractive country for outsourcing, such as call centers

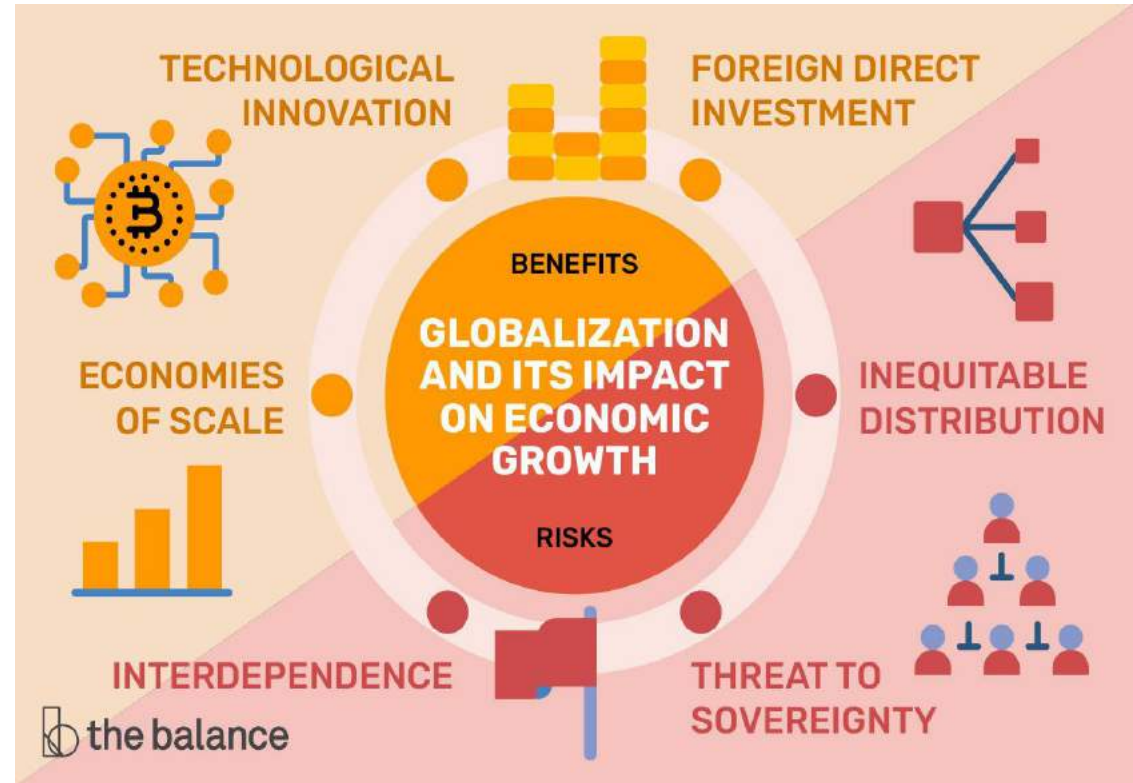
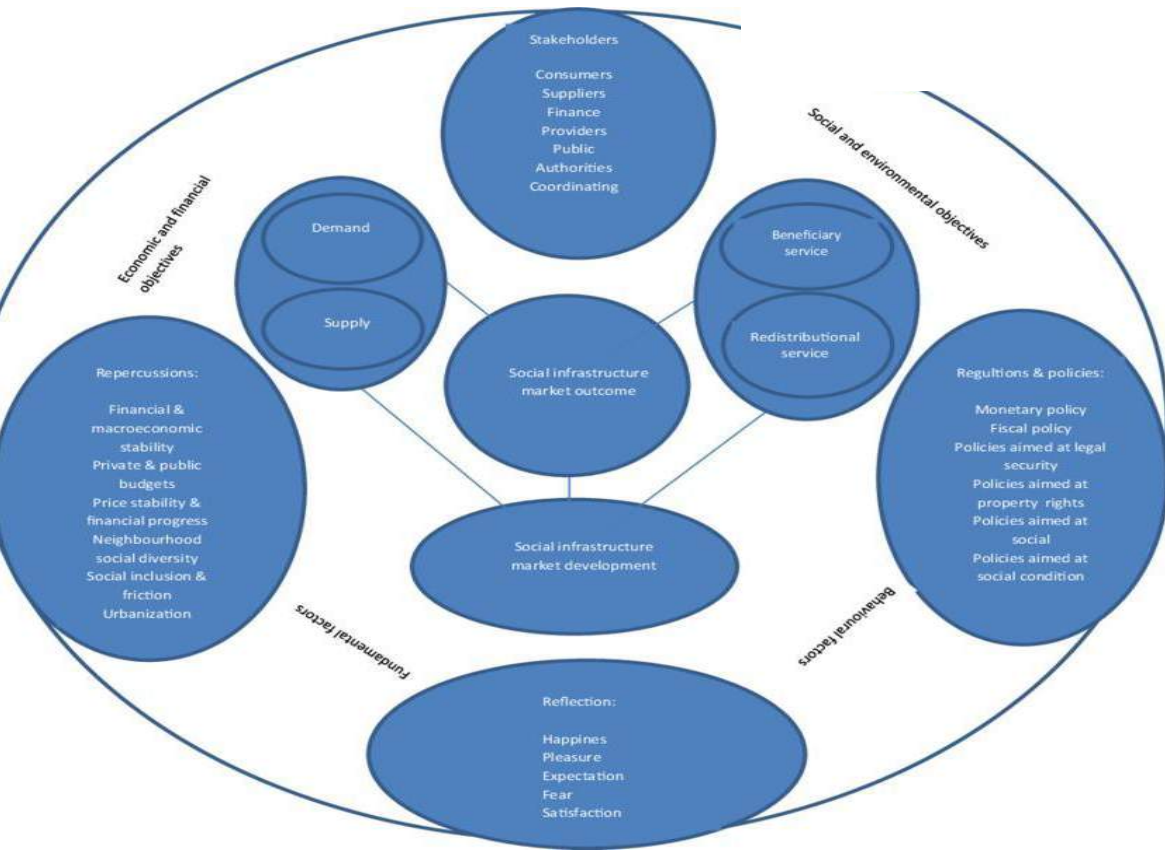


Bollywood contributes billions to India's GDP





# JANUARY PORTION:



*FEBRUARY FINAL EXAM: LESSON 1-13*

**Wish You  
All the Best**



**IX<sup>th</sup> COMPUTER APPLICATIONS**  
**YEAR PLAN (2023-2024)**



# APRIL

<b>CH-1</b>	<b>(i) Introduction to Object Oriented Programming concepts</b>
	Principles of Object Oriented Programming
	All the four principles of Object Oriented Programming should be defined and explained using real life examples
	Procedure Oriented Programming concepts
	Difference between Procedure Oriented and Object oriented

# JUNE

<b>CH-1</b>	<b>(ii)Introduction to JAVA - Types of java programs</b>
	Java Compilation process
	Java Source code, Byte code, Object code
	Java Virtual Machine (JVM)
	Features of JAVA

# JULY

<b>CH-2</b>	<b>Elementary Concept of Objects and Classes</b>
	Introduction to Objects
	Real world objects and Software objects
	characteristics and behaviour of an objects
	Class ,creating objects of a class
	Real world and objects
	Software class and objects
	Important terms related to class(object factory ,a user define data type)



# August

<b>CH-3</b>	<b>Values and data types</b>
	Character set, ASCII code, Unicode
	Escape sequences
	Data types (primitive and non primitive data types)
	Arithmetical expression and statement
	type conversions( Implicit, Explicit type conversions)
<b>CH-4</b>	<b>Operators in Java</b>
	Forms of operators, Types of operators
	Counters, Accumulators
	Hierarchy of operators
	'new' operator, dot ( . ) operator.
	Output using println and print

## September

<b>CH-5</b>	<b>Input in Java</b>
	Initialization, Parameter(bluej)
	introduction to packages
	Input streams (Scanner Class)
	types of errors, types of comments
<b>CH-6</b>	<b>Mathematical Library Methods(Java Mathematical expressions)</b>
	methods of Math class
	Introduction to package java.lang [ default ]

**October**



**REVISION FOR MID TERM EXAMS**

# November

<b>CH-7</b>	<b>Conditional constructs in Java</b>
	Application of if, if else, if else if, Nested if,
	switch case, break statement[with programs]
	fall through condition in switch case[with programs]
	Menu driven programs
	System.exit(0) - to terminate the program
<b>CH-8</b>	<b>Iterative constructs in Java</b>
	What is a loop , segments of a loop [with programs]
	for, while, do while loop [with programs]
	Jump statements. [with programs]
	inter conversion of loops

# December

<b>CH-9</b>	<b>Nested for loops</b>
	Introduce nested loops through some simple examples[with programs]
	Demonstrate break and continue statements[with programs]
	Programs based on nested loops[with programs]
	Computing and Ethics
	Intellectual property rights
<b>CH-10</b>	<b>Ethical Issues in Computing</b>
	data protection on the internet
	protection against Spam; software piracy
	cybercrime
	hacking



**YEAR PLAN (2023-2024**

**) (JUNE-DEC)**

**IX<sup>th</sup> PHYSICAL EDUCATION**

# JUNE

<b>CH-1</b>	<i>The Human Anatomy and Physiology</i>
	<i>Skeletal System: Bones</i> <i>Identification of the following bones within the body:</i>
	<i>Functions of the skeletal system.</i>
	<i>Classification of different types of joints:</i>
	<i>Types of joint movements in physical activities</i>
	<i>Benefits of exercise on the Skeletal System</i>

# JULY

<b>CH-2</b>	<i>Muscular System</i>
	<i>Types of muscles</i>
	<i>Voluntary</i>
	<i>skeletal, Involuntary</i>
	<i>Smooth</i>
	<i>Cardiac Muscles</i>
	<i>Isometric and isotonic</i>
	<i>Meaning of the above along with and difference</i>
	<i>Sec-B GAMES- 1.CRICKET</i>



# August

<b>CH-2</b>	<i>Identification of Muscles</i>
	<i>Identification of the following muscles within the body</i>
	<i>Latissimus dorsi,</i>
	<i>Deltoid,</i> <i>Rotator cuffs,</i>
	<i>Pectorals, Biceps</i>
	<i>Benefits of exercise on the muscular system</i>
	<i>Increases strength, endurance and power,</i> <i>better neuromuscular coordination</i>
	<i>improves</i> <i>posture, enhances flexibility,</i> <i>decreases chances of injury.</i>
<b>CH-3</b>	<i>Respiratory System</i>
	<i>Pathway of Air into the body</i>

# September

<b>CH-3</b>	<i>Mechanics of Breathing</i>
	<i>Oxygen Debt and lactic acid accumulation. Meaning only</i>
	<i>Second Wind. Meaning only</i>
	<i>Vital capacity and Tidal volume</i>
	<i>Benefits of exercise on the respiratory system</i>
<b>CH-4</b>	<i>Circulatory System</i>
	<i>Structure of the Heart.</i>
	<i>Heart rate, Stroke Volume, Cardiac output.</i>
	<i>Sec-B GAMES- 2.FOOTBALL</i>

october

<b>CH-4</b>	<i>Mechanism of blood circulation.</i>
	<i>Benefits of exercise on the Circulatory system</i>
<b>CH-5</b>	<i>Games and Sports</i>
	<i>Games and sports and their psychological and social benefits</i>
	<i>Meaning and difference between Games and sports</i>
	<i>Psychological and social benefits</i>
<b>SECTION B</b>	<i>HOCKEY</i>
	<i>BASKET BALL</i>

# November & December

<b>SECTION B</b>	<i>VOLLEY BALL</i>
	BADMINTON

**ICSE**

**CLASS - 9**

**COMMERCIAL APPLICATIONS**

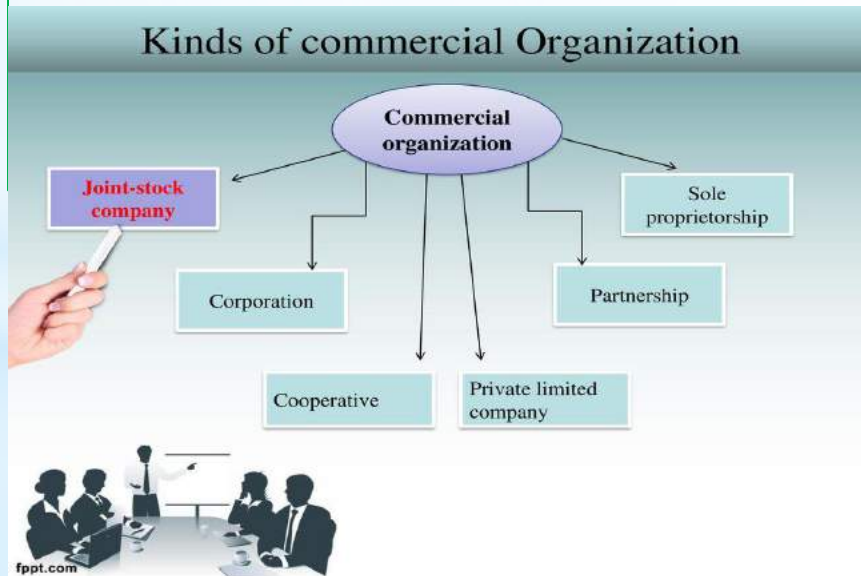
**YEAR PLAN**

**(2023-24)**

# APRIL

## CHAPTER-1

### INTRODUCTION TO COMMERCIAL ORGANISATIONS



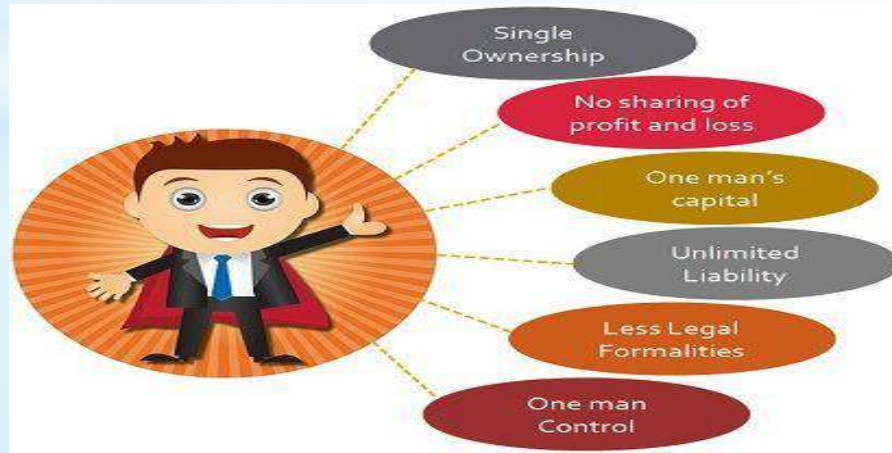
# JUNE

## CHAPTER-1

### INTRODUCTION TO COMMERCIAL ORGANISATIONS

## CHAPTER-2

### 2. OWNERSHIP STRUCTURES – SOLE PROPRIETORSHIP AND JOINT HINDU FAMILY BUSINESS



### Joint Hindu Family Business



# JULY

## CHAPTER-3

### OWNERSHIP STRUCTURES - PARTNERSHIP



## CHAPTER-4

### OWNERSHIP STRUCTURES - JOINT STOCK COMPANY



## CHAPTER 5

### OWNERSHIP STRUCTURES - COOPERATIVE SOCIETY





**AUGUST**

**CHAPTER-6**

**PUBLIC SECTOR ENTERPRISES**



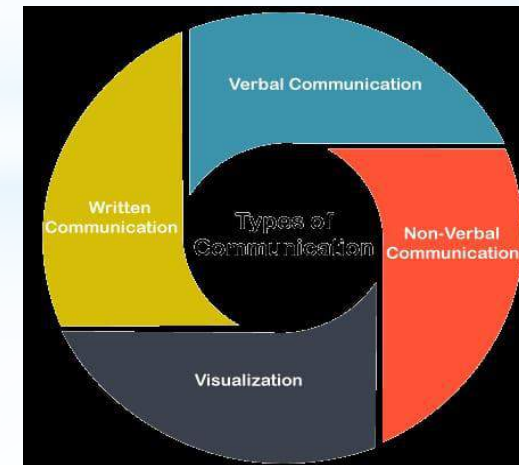
**CHAPTER 7**

**FUNCTIONING OF A COMMERCIAL ORGANISATION**



**CHAPTER-8**

**COMMUNICATION IN A COMMERCIAL ORGANISATION**



# SEPTEMBER

## CHAPTER-9

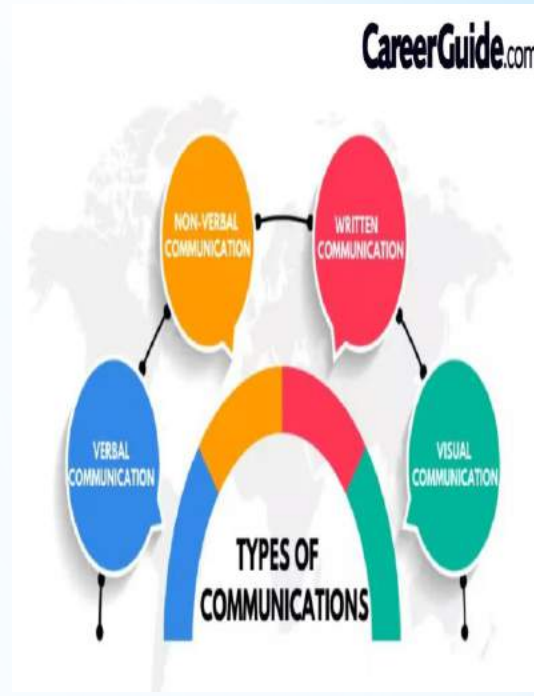
### WAYS OF COMMUNICATING SPOKEN (ORAL) COMMUNICATION

## CHAPTER-10

### TOOLS OF COMMUNICATION

## CHAPTER-11

### NATURE AND TERMINOLOGY OF ACCOUNTING



***OCTOBER***

***MIDTERM EXAM***

***REVISION***

# NOVEMBER

## CHAPTER-12

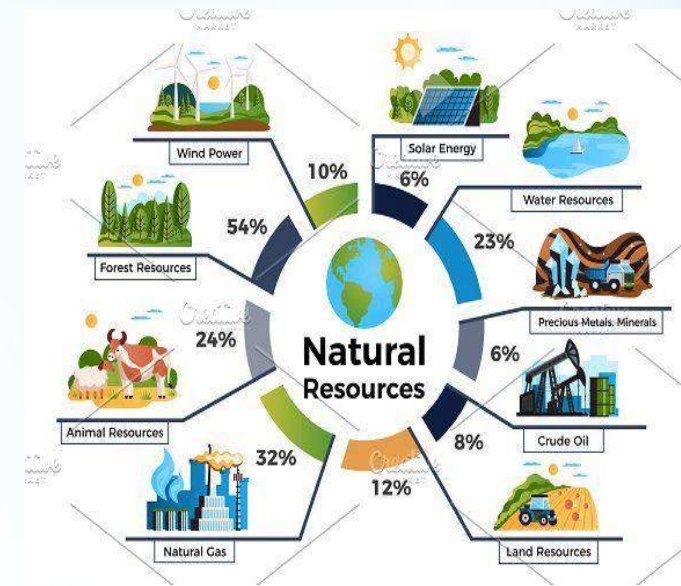
### ACCOUNTING RECORDS

## CHAPTER-13

### NATURAL RESOURCES

## CHAPTER-14

### DEPLETION OF RESOURCES



# ***DECEMBER***

## ***CHAPTER-15***

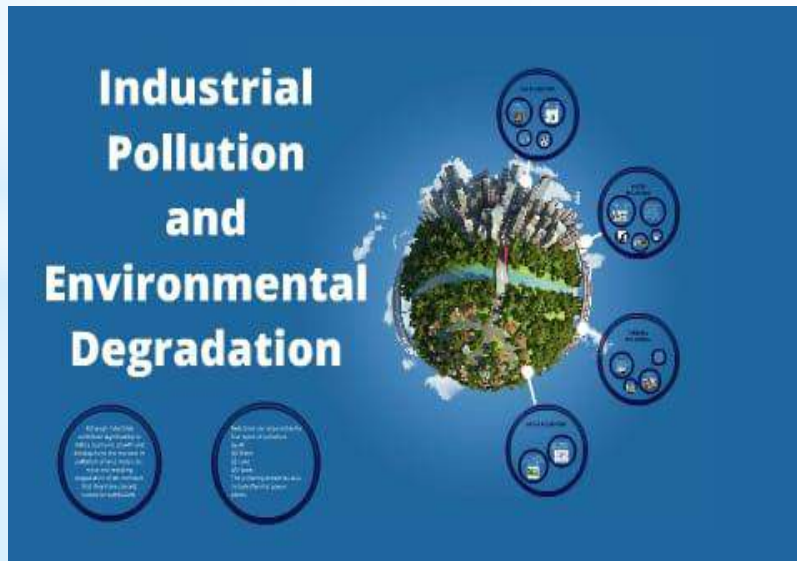
### ***PRACTICES FOR CONSERVATION OF RESOURCES***



# JANUARY

## CHAPTER-16

# INDUSTRIAL POLLUTION AND DEGRADATION OF ENVIRONMENT





*Thank you*