JAN. : Ch. 26. Biodiversity Ch. 27. Biodiversity for Sustenance of Mankind

Ch. 28. India as a Mega Diversity Nation

Ch. 30. Strategies for Conservation of Biodiversity

FEB. : Revision

PSYCHOLOGY

DEC. : Ch. 7. Thinking, Problem Solving and Creativity (to be contd..)

JAN. : Ch. 7. Thinking, Problem Solving, and Creativity

FEB. : Revision+Practical work

PHYSICAL EDUCATION

DEC. : Section A : Ch. 6. Games and Sports a Global perspective (contd...)

Section B : National and international governing bodies and

tournament

Practical: 1. Specialisation test, 2. Efficiency Test (Distance run)

JAN. : Section A : Ch. 6. Games and Sports a Global perspective

Section B : Revision

Practical: 1. Specialisation Test, 2. Efficiency Test

FEB. : Revision

MORAL SCIENCE

DEC. : Ch. 7. Empower womenJAN. : Ch. 8. My Body - A Gift

FEB. : Revision

ENVIRONMENTAL SCIENCE

DEC. : 5. Technology and Environment (contd....)

JAN. : 5. Technology and Environment,

6. Design and Planning for Environmental conservation (contd....)

FEB. : 6. Design and Palanning for Environmental conservation Revision

ART

DEC. : Paper : 2. Nature Study -FlowerJAN. : Paper : 1. Still Life (2 works)

Paper: 2. Nature (2 work)

FEB. : Revision, Portfolio Paper : 6. chikankari work

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· This Syllabus can be downloaded from our school website: www.lps-lpc.org

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COURSE FOR CLASS XI (ISC): 2025-26

HALF YEARLY EXAMINATION

HINDI

APRIL: उपन्यास: सारा आकाश-परिचय

व्याकरण : वाक्य शुद्धि

गद्य संकलनः पुत्र प्रेम

MAY : सारा आकाश: समस्यात्मक प्रश्न व्याकरण : मुहावरे

काव्य मंजरी : एक फूल की चाह

JUNE : व्याकरण : अपठित गद्यांश

उपन्यास : 'समर' का चरित्र-चित्रण

U JULY : गद्य संकलन : 'सती'

काव्य मंजरी : आः धरती कितना देती है।

व्याकरण : निबन्ध, मुहावरे

AUG. : गद्य संकलन : गौरी

काव्य मंजरी : साखी

व्याकरण : वाक्य शुद्धि, मुहावरे

SEPT. : पुनरावृत्ति।

परियोजना कार्य: सारा आकाश उपन्यास में निरूपित तत्कालीन समाज

में व्याप्त समस्याएँ।

ENGLISH LANGUAGE

APRIL : Discussion of question paper pattern & Project Topics

Functional Grammar & Composition Writing (Descriptive & Reflective)

MAY : Article Writing, Comprehension & Composition Writing (Narrative & Story)

JUNE : Proposal Writing and Composition Writing (Argumentative)

JULY : Functional Grammar, Composition Writing (Expository) & Revision

AUG. : Blogs & Proposal Writing

SEPT. : Book Review, Revision and Problem Solving

ENGLISH LITERATURE

APRIL: Discussion of question paper pattern & Project Topics

Drama : Macbeth (Act I, Scene 1)

MAY : Drama : Macbeth (Act I, Scene 2)

JUNE : Rhapsody (Poems) : Abhisara-TheTryst

JULY : Prism (Stories) : A Living God

Drama: Macbeth (Revision Act I, Scene 1 & 2 Act I, Scene 3)

G AUG. : Poem : Sonnet 116

Prism (Stories): The Paper Menagerie

Drama: Macbeth (Act I, Scene 4, 5, 6 & 7)

SEPT. : Revision and Problem Solving

MATHEMATICS

APRIL: Ch. Quadratic Equations

Ch. Linear and Quadratic Inequalities (to be contd...)

MAY : Ch. Linear and Quadratic Inequalities, Ch. Trigonometry (to be contd..)

JUNE : Ch. Trigonometry +Revision

JULY: Ch. Sets, Ch. Relations & Functions Ch. Statistics (to be contd..)

AUG. : Ch. Statistics, Ch. Introduction to 3-D Geometry, Ch. Complex Numbers

SEPT. : Revision from 1 September 2025 onwards

APPLIED MATHEMATICS

APRIL: Quadratic Equations, Logarithms

MAY : Linear and Quadratic Inequalities, Trigonometry (to be contd..)

JUNE: Trigonometry +Revision

JULY : Sets, Relations & Functions, Measures of Dispersons

AUG. : Skewness and Kurtosis, Linear Regression, Complex Numbers

SEPT. : Revision from 1 September 2025 onwards

PHYSICS

APRIL: Theory: Unit-1. Physical World and Measurement,

(i) Units and Measurements (Significant Figures)

(ii) Dimensional Analysis (iii) Vector Analysis

MAY : Theory: Unit-2 Kinematics

* Mathematics Tools

(i) Motion in a straight line Practical: (i) Vernier Caliper

JUNE : Revision of Vector Analysis, Mathematical Tools & Motion in

Straight Line

JULY : Theory: Unit -2 Kinematics

(ii) Motion in a plane (Projectile Motion)

Unit - 3 Laws of Motion (i) Newton's Laws of Motion (ii) Friction

(iii) Uniform Circular Motion Unit- 4 Work, Power & Energy

Practical: (ii) Screw Gauge

AUG. : Theory: Unit- 4 Work, Power & Energy (Continued)

Unit - 5 Motion of system of Particles & Rigid body

(i) Centre of Mass (ii) Rotational Motion of Rigid Body: Moment of Inertia

Practical: (iii) Calculation of value of g by simple pendulum.

SEPT. : Revision

CHEMISTRY

APRIL: Redox Reaction

MAY : Classification of Elements and Periodicity in Properties

JUNE : Revision of Redox Reaction & Classification of Elements and Periodicity

in Properties

JULY : Some basic concept of chemistry, Structure of Atom

Practical: Salt Analysis - group 0 & 1

BIOLOGY

DEC. : Theory: 16. Excretory Products and their elimination

JAN. : Theory: 17. Neural control and coordination 18. Movement and

Locomotion

Chemical coordination (to be contd...)
 Practical: Comment on Experimental setup:

(a) Osmosis (b) Transpiration (c) Photosynthesis (d) Transpiration pull

FEB. : Theory: 12. Chemical co-ordination+Revision

BIOTECHNOLOGY

DEC. : Theory: 10. Animal and plant development (to be contd...)

JAN. : Theory: 10. Animal and plant development

11. Laws of Inheritance 12. Gene Mapping & Cancer Genetics

Practical: Preparation of karyotypes

FEB. : Theory: 13. Genes In Population + Revision

Note :- Examination will include entire syllabus of biotechnology.

COMPUTER SCIENCE

DEC. : Ch. 12. Basic input/output Data File Handling (Notes Provided)

JAN. : Ch. 15. Trends in Computing and Ethical Issues (notes Provided)

Project File

FEB. : Revision of Annual Exam Course Chapters 1 to 15

ACCOUNTANCY

DEC. : Depreciation

JAN. : Accounts of Not for profit organisation (NPOs)

FEB. : Revision of Annual Exam Syllabus, Project 2

COMMERCE

DEC. : Nature & Scope of Foreign trade (contd...)

JAN. : Nature & Scope of Foreign trade, Export trade, Import trade, WTO,

Stock Exchange (contd...)

FEB. : Before exam - Stock Exchange, Revision

ECONOMICS

DEC. : Dispersion (contd...)

JAN. : Dispersion, Correlation, Index number

FEB. : Mathematical tools in economics Revision

HISTORY

DEC. : Section B : Ch. 12. Rise of Nazism in Germany (1933-1939) (contd...)

JAN. : Section B : Ch. 12. Rise of Nazism under Hitler in Germany

(1933-1939), Ch. 13. Rise of Militarism in Japan (1919-1941)

FEB. : Revision+Project work

GEOGRAPHY

DEC. : Ch. 25. The Biosphere

Practical: Statistical Diagrams/Surveying

FEB. : समस्त पाठयक्रम की पुनरावृत्ति।

परियोजना कार्य: आत्मनिर्भरता की ओर भारत के बढते कदम।

ENGLISH LANGUAGE

Discussion of Question Paper

: Functional Grammar DEC.

: Statement of Purpose, Functional Grammar & Composition Writing JAN.

FEB. : Comprehension+Revision and Problem Solving

ENGLISH LITERATURE

: Story : Thank You Ma'am DEC.

Drama: Macbeth (Revision of Act I)

: Poem: Strange Meeting JAN.

Drama: Macbeth (Revision of Act II)

Prism (Stories): The Great Automatic Grammatizator

Revision and Problem Solving FEB.

MATHEMATICS

DEC. : Ch. Binomial theorem, Ch. Circles (to be contd...) : Ch. Circles Ch. Limits & Derivatives, Ch. Probability JAN.

FEB. : Revision

APPLIED MATHEMATICS

: Ch. Limits & Derivatives Correlation Analysics DEC

: Probability, Mathmatical Reasoning, Financial Mathematics JAN

FEB : Revision

PHYSICS

: Theory : Unit - 8 : Heat and thermodynamics DEC.

(iii) Thermodynamics (iv) Isothermal & Adiabatic Process

Unit - 9: Behavior of Perfect Gases and kinetic theory of Gases

JAN : Unit - 10 : Oscillations & Waves

(i) Simple harmonic motion

(ii) Waves (iii) Wave Motion (iv) Superposition of Waves - 1

(v) Superposition of Waves-2

(vi) Vibrations of stretched Strings

Practical: (vi) Verification of Law of parallelogram by Gravesand's

Apparatus

FEB. : **Revision & Practical Examinations**

Revision of Annual Exam Syllabus

CHEMISTRY

DEC. : Titration : Na,CO, Vs H,SO, , Equilibrium (to be contd...) Equilibrium, Chemical thermodynamics (to be contd...) JAN. Chemical thermodynamics, Salt Analysis - group VI FEB.

Revision

AUG. : Chemical Bonding and Molecular Structure

Organic Chemistry: Some Basic Principles and Techniques, IUPAC Naming, Detection & Estimation of C, H, N, S, X, P (to be contd...)

SEPT. : Practical: Titration Na, CO, Vs HCI

> Organic Chemistry: Some Basic Principles and Techniques, IUPAC Naming, Detection & Estimation of C, H, N, S, X, P (to be contd...),

Revision

BIOLOGY

Theory: 1. The Living World, 2. Cell: The unit of life APRIL :

MAY: Theory: 3. Cell cycle and division, 4. Biological classification

5. Plant Kingdom

Practical: Study of plant specimens.

JUNE: Theory: 6. Animals Kingdom (contd...)

Practical: Study of Animals Specimens

JULY: Theory: 6. Animal Kingdom, 7. Morphology of flowering plants

8. Anatomy of flowering plants

Practical: 1. Study of Modifications of root, Stem and leaf

2. Slide of onion peel, 3. Food

AUG. : Theory : 9. Structural Organizations in Animals- Frog

10. Biomolecules,

11. Plant Growth and development (to be contd..)

SEPT.: Theory: 11. Plant growth and development +Revision

BIOTECHNOLOGY

APRIL: Theory: 1. Historical Background of Biotechnology

2. Scope and Importance of Biotechnology (contd...)

Practical: 1. Study of Bioanalytical Instruments : Theory : 2. Scope and Importance of Biotech.

MAY

3. Basic concept of Biotechnology

Practical: 1. Finding of PH of water by using PH Meter/or PH Paper.

JUNE : Theory : 4. Cell Basic Unit of Life

Practical: 1. Determination of Blood group

2. Preparation of Blood smear (using Leishman's stain)

Theory: 5. Cell Division and Cell Cycle, 6. Errors in Cell Division JULY :

Practical: 1. Food Test

AUG. : Theory : 7. Biological Transformations

SEPT. : Theory : Revision

COMPUTER SCIENCE

APRIL: Ch. 3. Introduction to Java Language (Notes Provided)

Ch. 4. Concept of Data Types (Notes Provided)

MAY : Ch. 5. Operators and Expressions (Notes Provided)

Ch. 6. Decssion Making Statements.

JUNE: Ch. 7. Iteration through Loops JULY: Ch. 1. Numbers, Ch. 2. Propositional Logic, Hardware Implementation,

Arithmetical Operations

AUG.: Revision of Ch. 4, 5, 6 and 7

Ch. 14. Implementation of Algorithm to Solve Problems Ch. 8. Character Handling and String Manipulations

Ch. 10. Methods (Functions), Ch. 11 Class and Constructor

SEPT. : Revision of Half Yearly Course Ch. 1, 2, 3, 4, 5, 6, 7, 8, 10 & 13

ACCOUNTANCY

APRIL: Evolution of Accounting & Basic Accounting Terms.

Meaning, objectives, Scope and Nature of Accounting.

Accounting Equations

MAY : Double Entry System, Accounting Principles (GAAP)

Books of Original Entry-Journal (contd...)

JUNE : Books of Original Entry-Journal, Bases of Accounting,

Accounting Standards & IFRS

JULY : GST (Goods and Services Tax), Books of Original Entry - Cash Book

Book of Original Entry-Special Purpose Subsidiary Books , Ledger

(contd...)

AUG : Ledger, Trial Balance, Final Accounts, Capital & Revenue

BRS (Bank Reconciliation Statements)

SEPT : Revision of Half Yearly Syllabus + Project 01

COMMERCE

APRIL: Classification of Human activities-Economic and non-Economic activity,

Nature and objectives of Business+Classification of business activities.

MAY : Introduction to Business Organisation, Sole trader

JUNE : Partnership

JULY : Joint stock company+Types of companies+Formation of a company

AUG. : Public enterprises, Public Utilities & Public Private Partnership

SEPT. : Revision + Project 1

ECONOMICS

APRIL: Definition of Economics, Definition of Statistics

MAY : Classification & Presentation of Data, Concepts of Economics,

Basic Problems of an Economy

JUNE : Types of Economies

JULY: Solution to the basic Problems, Economic Growth & Development,

Parameter of development, Sustainable Development

AUG. : Changes Post Liberalisation, Economic Planning & Development,

Structural changes in the Indian economy

SEPT. : Revision+Project (1)

HISTORY

APRIL: Section A: Ch. 2. Emergence of the Colonial Economy (contd...)

MAY : Section A : Ch. 2. Emergence of the Colonial Economy (Development

of Modern Industries & Colonial Forest Policy)

JUNE : Section A: Ch. 3. Social and Cultural Impact of British rule

GEOGRAPHY

OCT. : Ch. 17. Composition and structure of Atmosphere

Ch. 18. Insolation and Temperature,

Ch. 19. Atmospheric Pressure and Winds, Ch. 20. Atmospheric Moisture

NOV. : Ch. 20. Atmospheric Moisture (contd...), Ch. 21. Submarine Relief,

Ch. 23. Temperature, Salinity and Density of Ocean Water

Ch. 24. Ocean Water Movement, Ch. 32. Climate Change

DEC. : Revision

PSYCHOLOGY

OCT. : Ch. 5. Learning

NOV. : Ch. 6. Remembering and Forgetting

DEC. : Revision

PHYSICAL EDUCATION

OCT. : Section A : Ch. 4. Nutrition, Weight Control and Exercise

Section B: Laws governing the game, Basic Skills and technique

Practical: 1. Specialisation test, 2. Efficiency Test (Shuttle run)

NOV. : Section A : Ch. 5. Physical fitness and wellness

Section B : Different type of signals

Practical: 1. Specialisation Test, 2. Efficiency Test (Sit ups)

DEC. : Revision

MORAL SCIENCE

OCT. : Ch. 5. Differences Complement

NOV. : Ch. 6. Human Rights

DEC. : Revision

ENVIRONMENTAL SCIENCE

OCT. : Ch. 4. Legal Regimes for Sustainable Development (contd..)

NOV. : Ch. 4. Legal Regimes for Sustainable Development

DEC. : Revision

JAN. :

ART

OCT. : Paper : 1. Still Life (2 work)

Paper: 2. Nature (2 work)

NOV. : Paper : 1. Still Life (2 work)

Paper: 2. Nature (2 work)

DEC. : Revision, Portfolio

Paper 6: Chikankari Embroidery

ANNUAL EXAMINATION HINDI

DEC. : गद्य संकलन : मजबूरी

काव्य मंजरी: बाललीला

गद्य संकलन : क्या निराश हुआ जाये?

उपन्यास : बाबुजी का चरित्र-चित्रण

व्याकरण : वाक्य शुद्धि

NOV. : Theory: 14. Breathing and Exchange of gases

15. Body fluids & Circulation

Practical: Sparation of plant pigment by paper chromatography

+Revision

DEC. : Revision

BIOTECHNOLOGY

OCT. : Theory : 8. Biomolecules and their Separation Techniques

Practical: 1. Finding out purity of Milk

NOV. : Theory : 9. Defence mechanisms and strategies in living organisms

Practical: 1. Observation of permanent slides of meiosis under

microscope

2. Sampling technique

DEC. : Revision of MCQ

COMPUTER SCIENCE

OCT : Ch. 9. Arrays (with address calculation) (to be contd...)

Ch. 9. Arrays

NOV: Ch. 13. Recursion

Ch. 16. Packages (Notes Provided)

DEC : Revision of MCQ Syllabus Ch. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 12, 13 &14

ACCOUNTANCY

OCT : Final Accounts with adjustments, Bills of Exchange Contd...

NOV' : Bills of Exchange, Provision & Reserves

Rectification of Errors

DEC : Revision of MCQ Syllabus, Depreciation (contd...)

COMMERCE

OCT. : Cooperative Organisation, E-Business and Outsourcing, Social

responsibility of business and Business Ethics

NOV. : Wholesale trade, Retail trade, Procedure and documents used in home

trade, Chamber of commerce +Insurance+Types of Insurance

DEC. : Revision +Project II

ECONOMICS

OCT. : Problem of poverty, Profile of agriculture, Human capital formation

NOV. : Problem of unemployment, Measures of central tendency

Revision

DEC. : Revision +Project (2)

HISTORY

OCT. : Section A: Ch. 5. Gandhian Nationalism (1916-1922)

Section B: Ch. 10. Rise of Communism in Russia (1917-39)

NOV. : Section A: Ch. 5. Gandhian Nationalism (1927-1937)

Section B: Ch. 11. Rise of Fascism in Italy (1922-1939)

DEC. : Revision

JULY : Section A : Ch. 4. Protest Movements Against Colonial Rule

Section B: Ch. 7. The First World War (1914-18)

Ch. 8. Paris Peace Settlements

AUG. : Section A : Ch.1. Growth of Nationalism

Section B: Ch. 9. The Great Depression

SEPT. : +Revision +Project Work

GEOGRAPHY

APRIL: Ch. 1. Geography As a Discipline (Introduction)

Ch. 2. Formation of the Earth

Ch. 3. Interior of the Earth Ch. 8. Volcanoes and Earthquakes

MAY : Ch. 4. Rocks Ch. 5. Endogenous Processes and Associated Landforms

Ch. 6. Drifting of Continents and Plate Tectonics Ch. 7. Isotasy

Project: World's Island (any one)

JUNE : Ch. 9. Exogeneous Processes and Associated Landforms

JULY: Ch. 11. Fluvial Process and Associated Landforms

Ch. 12. Aeolian Processes and Associated Landforms

Practical: Map Projection

AUG. : Ch. 13. Glacial Processes and Associated Landforms

Ch. 14. Work of Ground water and Associated Landforms

Ch. 15. Marine Processes and Associated Landforms

SEPT. : Map Work+Revision

PSYCHOLOGY

APRIL: Ch. 1. The Subject Psychology [contd...]

MAY : Ch. 1. The Subject Psychology

JUNE : Ch. 2. Methods of Psychology [contd...]

JULY : Ch. 2. Methods of Psychology Ch. 3. Attention and Perception

AUG. : Ch. 4. Emotions and Motivation+Practical Work

SEPT : Revision

PHYSICAL EDUCATION

APRIL: Section A: Ch. 1. Concept of Physical Education

Section B: Ch. 1. Knowledge of the Game & Terminology Practical: 1. Specialisation test, 2. Efficiency test (50 m run)

MAY : Section A : Ch. 1. Concept of Physical Education

Ch. 2. Individual aspects and group Dynamics

Section B: Rules and Regulations of the game

Practical: 1. Specialisation test, 2. Efficiency test (standing long jump)

JUNE : Revision & Practical

JULY : Section A : Ch. 3. Effect of Physical Exercise on Human body systems

Section B: Duties of the officials and team management Practical: 1. Specialisation test, 2. Efficiency test (push up)

AUG.: Section A: Ch. 1, Ch. 2, Ch. 3 (Revision)

Section B: Knowledge of the game, Terminology, Duties of officials

(Revision) Practical

Practical: 1. Specialisation test, 2. Efficiency test (50 m run)

SEPT. : Revision (Section A & B)

MORAL SCIENCE

APRIL+MAY: Ch. 1. Make a Difference

JUNE+JULY: Ch. 2. Be On Line AUG. : Ch. 3. Taste and See

SEPT. : Ch. 4. Give Yourself to Others Revision & Problem Solving

ENVIRONMENTALSCIENCE

APRIL: Ch. 1. Modes of Existence
MAY: Ch. 2. Ecology (contd...)

JUNE : Ch. 2. Ecology +Project work will be given in summer vacation

JULY : Ch. 3. Pollution (contd...)

AUG. : Ch. 3. Pollution

SEPT. : Revision

ART

MARCH: Paper : 1. Still Life (1 work)

APRIL: Paper: 1. Still Life (2 work)

Paper : 2. Nature (2 work)

MAY : Paper : 1. Still Life (1 work)

Paper: 2. Nature (1 work)

JUNE : Paper : 6. Chikankari Embroidery

JULY: Paper: 1. Still Life (2 work)

Paper : 2. Nature (2 work)

AUG. : Paper : 1. Still Life (2 work)

Paper: 2. Nature (2 work)

SEPT. : Paper 6. Chikankari Embroidery, Revision Portfolio

M.C.Q. EXAMINATION HINDI

OCT. : गद्य संकलन : भक्तिन

उपन्यास : 'प्रभा' का चरित्र-चित्रण

व्याकरण : मुहावरे, अपठित गद्यांश, निबन्ध।

NOV. : काव्य मंजरी : 'उद्यमी नर', 'नदी के द्वीप'

उपन्यास : 'अम्मा' का चरित्र-चित्रण, पुनरावृत्ति

य्याकरण : वाक्य शुद्धि

DEC. : पुनरावृत्ति

ENGLISH LANGUAGE

Discussion of Question Paper

OCT. : Newspaper Report, Functional Grammar & Composition writing (Story)
NOV. : Proposal Writing, Comprehension & Composition Writing (Reflective)

DEC. : Revision and Problem Solving

ENGLISH LITERATURE

Discussion of Question Paper

OCT. : Rhapsody (Poems) : Death of a Naturalist

Prism (Stories): Advice to Youth

Drama: Macbeth (Act II, Scene 1 & 2)

NOV. : Rhapsody (Poems): Why I Like The Hospital

Drama: Macbeth (Act II, Scene 3 & 4)

DEC. : Revision and Problem Solving

MATHEMATICS

OCT. : Ch. Sequences and Series, Ch. Straight Lines

NOV. : Ch. Conics, Ch. Permutations and Combinations+Revision

DEC. : Revision

APPLIED MATHEMATICS

OCT. : Sequences and Series, Straight Lines, Circles

NOV. : Parabola, Permutations and Combinations, Binomial Theorem+Revision

DEC. : Revision

PHYSICS

OCT : Theory : Unit-6 Gravitation

Unit- 7 Properties of Matter (i) Elasticity

(ii) Fluid Pressure (iii) Flow of Liquids (iv) Surface Tension

Practical: (iv) Spherometer, to find the radius of curvature of curved

surface

NOV. : Theory: UNIT-8 Heat and thermodynamics: (i) Thermal Properties

of Matter (ii) Heat transfer

Practical: (v) Calculation of spring Constant

DEC : Revision for MCQ Examination

CHEMISTRY

OCT. : Organic chemistry : Some basic Principle and Technique : Isomerism

and Reaction Mechanism

Hydrocarbon (Classification of Hydrocarbon) (to be contd..)

Practical: Salt Analysis - group II & III

NOV. : Hydrocarbon

Practical: Salt Analysis - group IV & V, Revision

DEC. : Revision

BIOLOGY

OCT. : Theory: 12. Photosynthesis In Higher Plants,

13. Respiration In Plants

Practical: 1. To study the effect of Heat, thawing and Alcohol on

Permeability of Beet Root cells.

2. Effect of Different CO₂ concentration on the rate of

Photosynthesis