

Periodic Test-3 Syllabus

2020-2021

CLASS XI-A, B,C

SCIENCE

ENGLISH CORE

1. The Ailing Planet: the Green Movement's Role
2. The Browning Version
3. Childhood
4. Albert Einstein at School

Advanced Writing Skills: Letter to the School/College Authorities, Letter of Placing Orders, Advertisement (Display), Integrated Grammar Practice

PHYSICS

- Chapter-7: System of Particles and Rotational Motion
- Chapter-8: Gravitation,
- Chapter-9: Mechanical Properties of Solids,
- Chapter-10: Mechanical Properties of Fluids

CHEMISTRY

S.No	Unit	Name of Unit
1	Unit-6	Thermodynamics.
2	Unit-7	Equilibrium.
3	Unit-8	Redox Reactions.

BIOLOGY

Unit III

1. Chapter-10: Cell Cycle and Cell Division
Cell cycle, mitosis, meiosis and their significance

Unit-IV Plant Physiology

2. Chapter-13: Photosynthesis in Higher Plants
Photosynthesis as a means of autotrophic nutrition; site of photosynthesis, pigments involved in photosynthesis (elementary idea); photochemical and biosynthetic phases of photosynthesis; cyclic and non-cyclic photophosphorylation; chemiosmotic hypothesis; photorespiration; C3 and C4 pathways; factors affecting photosynthesis.
 3. Chapter-14: Respiration in Plants
Exchange of gases; cellular respiration - glycolysis, fermentation (anaerobic), TCA cycle and electron transport system (aerobic); energy relations - number of ATP molecules generated; amphibolic pathways; respiratory quotient.
 4. Chapter-15: Plant - Growth and Development
Growth regulators - auxin, gibberellin, cytokinin, ethylene, ABA.
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MATHEMATICS

- Chapter 10: Straight Lines
 - Chapter 12: Introduction to three dimensional Geometry
 - Chapter 11: Conic sections
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OPTIONAL

A. PSYCHOLOGY

- Chapter 1: What is Psychology?

- Chapter 2: Methods in Psychology
- Chapter 3: Biological and Cultural Basis of Behaviour
- Chapter 4: developmental Psychology
- Chapter 5: Perceptual and Attentional Processes

B. INFORMATICS PRACTICES

- **Chapter 2 (Unit 4):** Introduction to the Emerging Trends
- **Chapter 3 (Unit 2):** Introduction to Python(upto page no. 44)

C. PHYSICAL EDUCATION

UNIT 6	Physical Activity & Leadership Training
UNIT 7	Test, Measurement & Evaluation
UNIT 8	Fundamentals of Anatomy, Physiology & Kinesiology in Sports.

D. PAINTING

Unit 1: Done	An Introduction to Art
Unit 2: Done	Pre-Historic rock Painting and art of Indus Valley
Unit 3: Done	Buddist, Jain and Hindu Art

Practical:	Composition with poster colours
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E. HOME SCIENCE

- **Chapter 6-** Media and Communication Technology
 - **Chapter 8–**Survival ,Growth and Development
 - **Chapter 10-** Concerns and Needs in Diverse Contexts-Nutrition, Health and Hygiene
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Syllabus

CLASS XI-D,E,F

COMMERCE

ENGLISH CORE

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Advanced Writing Skills: Letter to the School/College Authorities, Letter of Placing Orders, Advertisement (Display), Integrated Grammar Practice

ECONOMICS

SECTION A- ELEMENTARY STATISTICS

UNIT 3: STATISTICAL TOOLS & INTERPRETATION

- Chapter 10: Measures of Central Tendency- Median & Mode

SECTION B- INTRODUCTORY MICROECONOMICS

UNIT 6: PRODUCER BEHAVIOUR AND SUPPLY

- Chapter 7: Production Function & Returns to a Factor
- Chapter 8: Concepts of Cost

ACCOUNTANCY

S.N.	Chapter No.	Name of the Chapter
1	12	Special Purpose Subsidiary Books
2	14	Trial Balance and Errors
3	16	Depreciation
4	17	Provisions and Reserves
5	18	Bills of Exchange
6	19	Rectification of Errors

BUSINESS STUDIES

- Chapter 6: Social Responsibilities of Business
- Chapter 7: Sources of Business Finance

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F. MATHEMATICS

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CLASS XI-G

HUMANITIES

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UNIT 6: PRODUCER BEHAVIOUR AND SUPPLY

- Chapter 7: Production Function & Returns to a Factor
- Chapter 8: Concepts of Cost

HISTORY

- Chapter-2 : Writing and City Life
- Chapter-4 : The Central Islamic Lands
- Chapter-6 : The Three Orders
- Chapter-9 : The Industrial Revolution

POLITICAL SCIENCE

S.No	Chapter	Name of the Chapter
Book 1- Constitutions At Work		
1	4	Legislature
Book 2- Political Theory		
2	4	Social Justice

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