

CLASS XI PERIODIC TEST PORTIONS: SCIENCE STREAM

ENGLISH

1. Reading Comprehension

2. Note making

3. Writing:

Notice

Poster

Letter writing

Speech

5. Grammar

- Determiners
- Modals
- Sentence Transformations

6. Literature

- The Photograph
- Voice of Rain
- Landscape of the soul
- Discovering Tut
- Ranga's Marriage
- The Address.

PHYSICS

1. Work, Energy and Power,

2. System of particles and Rotational Motion,

3. Gravitation,

4. Mechanical properties of solids

5. Mechanical properties of fluids.

CHEMISTRY

1. States of Matter

2. Hydrogen

3. S-Block Elements

4. P-Block Elements

5. Thermodynamics

MATHEMATICS

1. Linear inequalities

2. Permutations and combinations

3. Sequences and series

4. Straight lines

5. Conic section (circle, parabola)

INFORMATICS PRACTICES

- Introduction and features of python
- Language translators, working with python, structure of a program
- Tokens - keywords, identifiers, literals, operators, punctuators
- Operators and operands, operator precedence
- Variables, expressions and statements, indentation
- Data types, mutable and immutable types, datatype conversion
- Evaluating expressions
- Multiple assignments
- Dynamic typing
- Simple input and output
- Comment and debugging
- Python programs

Note: - All the topics covered under Python PDF - 1 document (. i.e. "Unit 2: INTRODUCTION TO PYTHON") is part of the portion.

PHYSICAL EDUCATION

1. Physical activity and Leadership training
2. Test, measurement and Evaluation.
3. Fundamentals of Anatomy, Psysiology.
4. Knesiology in Sports.

BIOLOGY

- 1). Cell cycle and Cell Division
- 2). Photosynthesis in Higher Plants
- 3). Respiration in Plants
- 4). Plant Growth and Development
- 5). Breathing and Exchange of Gases

ECONOMICS

1. Statistics

Unit- 3

Statistical Tools and Interpretation: -

Measures of central tendency

Measures of Dispersion

Correlation

Introduction to Index Numbers

2. Microeconomics

Production Function and returns to a factor
