

# SCIENCE STREAM SYLLABUS

Session (2024-25)

Class XI

Subject : English

Exam Name	Chapter No & Name
Periodic Assessment - I	<p><b>SECTION A (READING)</b> Unseen Passage</p> <p><b>SECTION B (WRITING)</b> Poster</p> <p><b>SECTION C (GRAMMAR)</b> Tenses</p> <p><b>SECTION D (LITERATURE)</b> HORNBILL 1. The Portrait Of A Lady 2. We Are Not Afraid To Die ... 3. Poem: A Photograph</p> <p><b>SNAPSHOTS</b> 1. The Summer Of The Beautiful White Horse</p>
Mid Term Examination	<p><b>SECTION A (READING)</b> 1. Unseen Passage 2. Note Making</p> <p><b>SECTION B (WRITING)</b> 1. Poster 2. Advertisement (Situation</p>

	<p>Vacant/Wanted, Sale/Purchase, For Rent/To let, Educational) 3.Speech</p> <p><b>SECTION C (GRAMMAR)</b> Tenses</p> <p><b>SECTION D (LITERATURE)</b> <b>HORNBILL</b> 1. The Portrait Of A Lady 2. We're Not Afraid To Die 3. Discovering Tut 4. A Photograph <b>5. Voice of The Rain</b> 6.Laburnum Top <b>SNAPSHOTS</b> 1. The Summer Of The Beautiful White Horse 2.The Address</p>
<p><b>Periodic Assessment-II</b></p>	<p><b>SECTION A:(READING)</b> Unseen Passage</p> <p><b>SECTION B (WRITING)</b> 1.Advertisement( lost/found, Matrimonial, Tours and travels, Missing) 2. Speech</p> <p><b>SECTION C (GRAMMAR)</b> Integrated Grammar</p>

	<p><b>SECTION D (LITERATURE)</b>  <b>HORNBILL</b>  1. The Adventure  2. Childhood</p> <p><b>SNAPSHOTS</b>  1. Birth</p>
<p><b>Annual Examination</b></p>	<p><b>SECTION A (READING)</b>  1. Unseen Passage  2. Note making</p> <p><b>SECTION B (WRITING)</b>  1. Poster  2. Advertisements  3. Speech  4. Debate</p> <p><b>SECTION C (GRAMMAR)</b>  1. Tenses  2. Clauses</p> <p><b>SECTION D (LITERATURE)</b>  <b>HORNBILL</b>  1. The Portrait of a Lady  2. We're Not Afraid to Die...  3. Discovering Tut.....  4. The Adventure  5. Silk Road  6. Poem: A Photograph  7. Poem: The Laburnum Top  8. Poem: Voice of the Rain  9. Poem: Childhood</p>

10. Poem: Father to son

**SNAPSHOTS**

1. The Summer of the Beautiful White Horse
2. The Address
3. Mother's Day
4. Birth
5. The Tale of Melon City

## Subject : Mathematics

<b>Exam Name</b>	<b>Chapter No &amp; Name</b>
<b>Periodic Assessment - I</b>	Ch-1 sets Ch- 5 Linear Inequalities Ch- 11 Introduction to three-dimensional Geometry
<b>Mid Term Examination</b>	Ch-1 sets Ch- 2 Relation and functions Ch -3Trigonometric Functions Ch- 5 Linear Inequalities CH -6 Permutations and combinations Ch- 11Introduction to three dimensional Ch-14 Probability
<b>Periodic Assessment-II</b>	CH- 7 Binomial Theorem CH -8 sequence and series Ch -13 Statistics
<b>Annual Examination</b>	Ch- 2 Relation and function Ch 3-Trigonometric Functions Ch -4 Complex Numbers and Quadratic Equations CH -6 Permutations and combinations CH- 7 Binomial Theorem CH -8 sequence and series CH- 9 Straight line CH-10 Conic Section Ch-11 Introduction to three dimensional Ch-12 Limit and derivatives Ch -13 Statistics Ch-14 Probability

**Subject : Physics**

<b>Exam Name</b>	<b>Chapter No &amp; Name</b>
<b>Periodic Assessment - I</b>	Chapter 1 Units and Measurement Chapter 2 Motion in a Straight line
<b>Mid Term Examination</b>	Chapter 1 Units and Measurement Chapter 2 Motion in a Straight line Chapter 3 Motion in a plane Chapter 4 Laws of Motion Chapter 5 Work Energy and Power Chapter 6 System of particles and rotational motion Chapter 7 Gravitation
<b>Periodic Assessment-II</b>	Chapter 8 Mechanical properties of solids Chapter 9 Mechanical properties of fluids
<b>Annual Examination</b>	Chapter 1 Units and Measurement Chapter 2 Motion in a Straight line Chapter 3 Motion in a plane Chapter 4 Laws of Motion Chapter 5 Work Energy and Power Chapter 6 System of particles and rotational motion Chapter 7 Gravitation Chapter 8 Mechanical properties of solids Chapter 9 Mechanical properties of fluids Chapter 10 Thermal properties of matter Chapter 11 Thermodynamics Chapter 12 Kinetic Theory Gases Chapter 13 Oscillations Chapter 14 Waves

## Subject : Chemistry

<b>Exam Name</b>	<b>Chapter No &amp; Name</b>
<b>Periodic Assessment - I</b>	Chapter-1 Some Basic Concepts of Chemistry Chapter-2 Structure of Atom
<b>Mid Term Examination</b>	Chapter-1 Some Basic Concepts of Chemistry Chapter-2 Structure of Atom Chapter -3 Classification of elements and periodicity Chapter-4 Chemical Bonding Chapter-7 Redox Reaction
<b>Periodic Assessment-II</b>	Chapter-8 General Principle of Organic chemistry Chapter-9 Hydrocarbon
<b>Annual Examination</b>	Chapter-1 Some Basic Concepts of Chemistry Chapter-2 Structure of Atom Chapter -3 Classification of elements and periodicity Chapter-4 Chemical Bonding Chapter- 5 Thermodynamics Chapter -6 Equilibrium Chapter-7 Redox Reaction Chapter-8 General Principle of Organic chemistry Chapter-9 Hydrocarbon

## Subject : Computer Science

<b>Exam Name</b>	<b>Chapter No &amp; Name</b>
<b>Periodic Assessment - I</b>	Ch-1 Computer System Overview Ch-2 Data Representation Ch-3 Boolean Logic
<b>Mid Term Examination</b>	Ch-1 Computer System Overview Ch-2 Data Representation Ch-3 Boolean Logic Ch-4 Introduction to problem solving Ch-5 Getting started with Python Ch-6 Python Fundamentals Ch-7 Data Handling Ch-8 Introduction to Python Modules Ch-9 Flow of Control
<b>Periodic Assessment-II</b>	Ch-10 String manipulation Ch-11 List manipulation
<b>Annual Examination</b>	Ch-1 Computer System Overview Ch-2 Data Representation Ch-3 Boolean Logic Ch-5 Getting started with Python Ch-6 Python Fundamentals Ch-7 Data Handling Ch-8 Introduction to Python Modules Ch-9 Flow of Control Ch-10 String manipulation Ch-11 List manipulation Ch-12 Tuples Ch-13 Dictionaries Ch-14 Cyber Safety Ch-15 Society ,Law and Ethics

## Subject : Physical Education

<b>Exam Name</b>	<b>Chapter No &amp; Name</b>
<b>Periodic Assessment - I</b>	1.Changing trend & Career in Ph Edu 2.Olympic Value Education
<b>Mid Term Examination</b>	1.Changing trend & Career in Ph Edu 2.Olympic Value Education 3. Yoga 4. Ph. Edu and Sports for CWSN 5. Physical Fitness, Health and Wellness
<b>Periodic Assessment-II</b>	6. Test , Measurement and Evaluation 7.Fundamentals of Anatomy and Psysiology Sports
<b>Annual Examination</b>	1.Changing trend & Career in Ph Edu 2.Olympic Value Education 3. Yoga 4. Ph. Edu and Sports for CWSN 5. Physical Fitness, Health and Welness 6. Test , Measurement and Evaluation 7.Fundamentals of Anatomy and Psysiology in Sports 8.Fundamentals of Kinesiology an Biomechnics in Sports 9.Psychology and Sports 10.Training and Doping in Sports

## Subject : Biology

<b>Exam Name</b>	<b>Chapter No &amp; Name</b>
<b>Periodic Assessment - I</b>	CH 1. The Living World CH.2 Biological Classification
<b>Mid Term Examination</b>	CH 1. The Living World CH.2 Biological Classification Ch 3. Plant kingdom Ch 4. Animal Kingdom Ch 5. Morphology of Flowering Plants Ch 6. Anatomy of Flowering plants Ch 7 . Structural organisation in Animals
<b>Periodic Assessment-II</b>	Ch 8. Cell..the unit of life Ch 9. Biomolecules Ch 10. Cell cycle and cell division
<b>Annual Examination</b>	CH 1. The Living World CH.2 Biological Classification Ch 3. Plant kingdom Ch 4. Animal Kingdom Ch 5. Morphology of Flowering Plants Ch 6. Anatomy of Flowering plants

	<p>Ch 7 . Structural organisation in Animals</p> <p>Ch 8. Cell..the unit of life</p> <p>Ch 9. Biomolecules</p> <p>Ch 10. Cell cycle and cell division</p> <p>Ch11. Photosynthesis in Higher plants</p> <p>Ch12. Respiration in Higher plants</p> <p>Ch13. Plant Growth and Development</p> <p>Ch14. Breathing and exchange of gases</p> <p>Ch15. Body Fluids and circulation</p> <p>Ch16. Excretory products and their elimination</p> <p>Ch 17. Locomotion and movement</p> <p>Ch18. Neural control and coordination</p> <p>Ch19.. Chemical control and coordination</p>
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