

SCIENCE STREAM SYLLABUS
Session (2024-25)
Class XII

Subject : English

Exam Name	Chapter No & Name
Periodic Assessment - I	Section A (Reading) Unseen Passage Section B (Writing) 1. Notice Writing 2. Letter to Editor Section C (Literature) Flamingo: Prose 1. The last Lesson 2. Lost Spring Poetry 3. My Mother At Sixty Six 4. The Third Level
Mid Term Examination	MID TERM Section-A (Reading): Unseen Passage Section-B (Writing): 1. Notice 2. Invitations And Replies 3. Letter to Editor 4. Report Writing

	<p>5. Job application</p> <p>Section-C (Literature):</p> <p>Flamingo:</p> <p>Prose</p> <p>Ch-1: The Last Lesson</p> <p>Ch-2: Lost Spring</p> <p>Ch-3: Deep Water</p> <p>Ch-4: The Rattrap</p> <p>Vistas:</p> <p>Ch-1: The Third Level</p> <p>Ch-2: The Tiger King</p> <p>Ch-3: Journey To The End Of The Earth</p> <p>Ch-4 : The Enemy</p> <p>Poetry</p> <ol style="list-style-type: none">1. My Mother At Sixty Six2. Keeping Quiet3. Thing Of Beauty
<p>Periodic Assessment-II</p>	<p>Section-A (Reading)</p> <p>Unseen Passage</p> <p>Section-B (Writing)</p> <ol style="list-style-type: none">1. Notice2. Letter To Editor <p>Section-C (Literature)</p> <p>Flamingo:</p> <ol style="list-style-type: none">1. Indigo2. Poet's And Pancakes

	<p>Vistas:</p> <ul style="list-style-type: none">1. On the Face of It2. Memories of Childhood <p>Poetry</p> <p>A Road Side Stand</p>
<p>Pre-Board Examination</p>	<p>Section-A (Reading):</p> <p>Unseen Passage</p> <p>Section-B (Writing):</p> <ul style="list-style-type: none">1. Notice2. Invitations And Replies3. Letter to Editor4. Report Writing5. Job application6. Article Writing <p>Section-C (Literature):</p> <p>Flamingo</p> <p>Prose</p> <ul style="list-style-type: none">1. The Last Lesson2. Lost Spring3. Deep Water4. The Rattrap5. Indigo6. Poets and Pancakes7. The Interview8. Going Places <p>Poetry</p> <ul style="list-style-type: none">1. My Mother at Sixty-Six2. Keeping Quiet

3.A Thing of Beauty

4.A Roadside Stand

5.Aunt Jennifer's Tigers

Vistas:

1.The Third Level

2.The Tiger King

3.Journey to the End of the Earth

4.The Enemy

5.On the Face of It

6.Memories of childhood

Subject : Mathematics

Exam Name	Chapter No & Name
Periodic Assessment - I	Chapter 3: Matrices Chapter 4: Determinants
Mid Term Examination	Chapter 2: Inverse Trigonometric Functions Chapter 3: Matrices Chapter 4: Determinants Chapter 5: Continuity and Differentiability Chapter 6: Applications of Derivatives Chapter 7: Integrals
Periodic Assessment-II	Chapter 10: Vector Algebra Chapter 11: Three Dimensional Geometry
Pre-Board Examination	Chapter 1: Relations and Functions Chapter 2: Inverse Trigonometric Functions Chapter 3: Matrices Chapter 4: Determinants Chapter 5: Continuity and Differentiability Chapter 6: Applications of Derivatives Chapter 7: Integrals Chapter 8: Application of Integrals Chapter 9: Differential Equations Chapter 10: Vector Algebra Chapter 11: Three Dimensional Geometry Chapter 12: Linear Programming Chapter 13: Probability

Subject : Physics

Exam Name	Chapter No & Name
Periodic Assessment - I	Chapter 1 Electric Charges and Fields Chapter 2 Electrostatic potential and Capacitance Chapter 3 Current Electricity
Mid Term Examination	Chapter 1 Electric Charges and Fields Chapter 2 Electrostatic potential and Capacitance Chapter 3 Current Electricity Chapter 4 Moving charges and magnetism Chapter 5 Magnetism and Matter Chapter 6 Electromagnetic induction Chapter 7 Alternating current Chapter 8 Electromagnetic Waves
Periodic Assessment-II	Chapter 11 Dual Nature of Matter and Radiation Chapter 12 Atom Chapter 13 Nuclei
Pre-Board Examination	Chapter 1 Electric Charges and Fields Chapter 2 Electrostatic potential and Capacitance Chapter 3 Current Electricity Chapter 4 Moving charges and magnetism Chapter 5 Magnetism and Matter Chapter 6 Electromagnetic induction Chapter 7 Alternating current Chapter 8 Electromagnetic Waves Chapter 9 Ray optics Chapter 10 Wave optics Chapter 11 Dual Nature of Matter and Radiation Chapter 12 Atom Chapter 13 Nuclei Chapter 14 Semiconductor Devices

Subject : Chemistry

Exam Name	Chapter No & Name
Periodic Assessment - I	Chapter -1 Solutions Chapter -6 Haloalkanes and Haloarenes
Mid Term Examination	Chapter 1 Solutions Chapter -2 Electrochemistry Chapter-3 Chemical Kinetics Chapter- 5 Coordination Compounds Chapter-6 Haloalkanes and Haloarenes Chapter-7 Alcohols Phenols and Ether Chapter -8 Aldehyde Ketones and Carboxylic acid
Periodic Assessment-II	Chapter - 9 Amines Chapter -10 Biomolecules
Pre-Board Examination	Chapter 1 Solutions Chapter -2 Electrochemistry Chapter-3 Chemical Kinetics Chapter-4 d and f block elements Chapter- 5 Coordination Compounds Chapter-6 Haloalkanes and Haloarenes Chapter-7 Alcohols Phenols and Ether Chapter -8 Aldehyde Ketones and Carboxylic acid Chapter - 9 Amines Chapter -10 Biomolecules

Subject : Computer Science

Exam Name	Chapter No & Name
Periodic Assessment - I	Ch-1 Python Revision Tour Ch-2 Python Revision Tour-II Ch-3 Working with Functions Ch -10 Relational Database Ch-11 Simple queries in SQL Ch-12 Table Creation & Data Manipulation Commands
Mid Term Examination	Ch-1 Python Revision Tour Ch-2 Python Revision Tour-II Ch-3 Working with Functions Ch-5 File Handling Ch -10 Relational Database Ch-11 Simple queries in SQL Ch-12 Table Creation & Data Manipulation Commands Ch-13 Grouping Records,Joins in SQL Ch-14 Interface Python with MySQL
Periodic Assessment-II	Ch-6 Exception Handling Ch- 7 Data Structures Ch- 8 Communication Networks-I Ch-9 Computer Network-II
Pre Board Examination	Ch-1 Python Revision Tour Ch-2 Python Revision Tour-II Ch-3 Working with Functions Ch-4 Using Python Libraries Ch-5 File Handling Ch-6 Exception Handling Ch- 7 Data Structures Ch- 8 Communication Networks-I

	Ch-9 Computer Network-II Ch -10 Relational Database Ch-11 Simple queries in SQL Ch-12 Table Creation & Data Manipulation Commands Ch-13 Grouping Records,Joins in SQL Ch-14 Interface Python with MySQL
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Subject : Physical Education

Exam Name	Chapter No & Name
Periodic Assessment - I	1. Management of Sporting Event 2. Children and Women in Sports
Mid Term Examination	1. Management of Sporting Event 2. Children and Women in Sports 3. Yoga as Preventive Measure 4. Phy. Edu and Sports for CWSN 5. Sports and Nutrition
Periodic Assessment-II	6. Test , Measurement and Evaluation 7. Physiology and Injuries Sports
Pre Board Examination	1. Management of Sporting Event 2. Children and Women in Sports 3. Yoga as Preventive Measure 4. Phy. Edu and Sports for CWSN 5. Sports and Nutrition 6. Test , Measurement and Evaluation 7. Fundamentals of Anatomy and Physiology in Sports 8. Biomechanics in Sports 9. Psychology and Sports 10. Training in Sports

Subject : Biology

Exam Name	Chapter No & Name
Periodic Assessment - I	Ch 1 -Sexual reproduction in flowering plants Ch 2 -Human Reproduction Ch 3 -Reproductive Health
Mid Term Examination	Ch 1 -Sexual reproduction in flowering plants Ch 2 -Human Reproduction Ch 3-Reproductive Health Ch 4 -Principles of Inheritance And Variations Ch 5-Molecular basis of Inheritance Ch 6-Evolution
Periodic Assessment-II	Ch 8 -Microbes in Human Welfare Ch 9 -Biotechnology-Principles and Procedures Ch 10 -Biotechnology and its Applications
Pre board examination	(Whole syllabus) Ch 1 -Sexual reproduction in flowering plants Ch 2 -Human Reproduction Ch 3-Reproductive Health Ch 4 -Principles of Inheritance And Variations Ch 5-Molecular basis of Inheritance Ch 6-Evolution Ch 7 -Human Health and Diseases Ch 8 -Microbes in Human Welfare

	Ch 9 -Biotechnology-Principles and Procedures Ch 10 -Biotechnology and its Applications Ch11 -Organism And Its population Ch 12 -Ecosystem Ch 13 -Biodiversity and Conservation
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