



DELHI PUBLIC SCHOOL ASANSOL

SYLLABUS BOOKLET

CLASS: XII SCIENCE

Session: 2025-26

SUBJECT: ENGLISH CORE(301)

YEARLY PROJECTION	TOPICS/CHAPTERS
TERM- I	
PERIODIC TEST	Ch.1-The Last Lesson Ch.2- Lost Spring Ch.3- Deep Water Ch.4- My Mother at Sixty-Six Ch.5-Keeping Quiet Ch.6- The Third Level Ch.7-The Tiger King Comprehension Notice Writing Formal Letter Writing
HALF YEARLY	Ch.1-The Last Lesson Ch.2-Lost Spring Ch.3-Deep Water Ch.4-The Rattrap Ch.5-Indigo Ch.6-Poets and Pancakes

	Ch.7-The Interview Ch.8-My Mother at Sixty-Six Ch.9-Keeping Quiet Ch.10-A Thing of Beauty Ch.11-A Roadside Stand Ch.12-The Third Level Ch.13-The Tiger King Ch.14-Journey to the End of the Earth Ch.15-The Enemy Ch.16- On the Face of It Comprehension Notice Writing Formal Letter Writing Job Application Article Writing
TERM-II	
PREBOARD I	Literature - Flamingo: (Prose) Ch.1-The Last Lesson Ch.2-Lost Spring Ch.3-Deep Water Ch.4-The Rattrap Ch.5-Indigo Ch.6- Poets and Pancakes Ch.7-The Interview Ch.8- Going Places (Poetry)

	Ch.1-My Mother at Sixty-Six Ch.2-Keeping Quiet Ch.3- A Thing of Beauty Ch.4-A Roadside Stand Ch.5-Aunt Jennifer's Tigers Vistas: Ch.1-The Third Level Ch.2-The Tiger King Ch.3-Journey to the End of the Earth Ch.4-The Enemy Ch.5-On the Face of It Ch.6-Memories of Childhood Ch.7-The Cutting of My Long Hair Ch.8- We Too are Human Beings Language- Comprehension, Notice Writing, Formal , Informal Invitation & Response Job Application Article Writing Formal Letter Writing Report Writing Sentence rearrangement
PREBOARD II	SAME AS PREBOARD I

Marks Distribution: Theory 80 + IA 20 - (Total 100)

Assessment of Listening Skills - 05 marks ; Assessment of Speaking Skills - 05 Marks

Project Work - 10 Marks (Total 100)]

SUBJECT: PHYSICS(042)

YEARLY PROJECTION	TOPICS/CHAPTERS
TERM-I	
PERIODIC TEST	Ch.1- Electric charges and fields Ch.2- Electrostatic potential and capacitance Ch.3- Current Electricity
HALF YEARLY	Ch.1- Electric charges and fields Ch.2- Electrostatic potential and capacitance Ch.3- Current Electricity Ch.4- Moving charges and Magnetism Ch.5- Magnetism and Matter Ch.6- Electromagnetic Induction Ch.7- Alternating Current Ch.8- Electromagnetic Waves Ch.9- Ray Optics and Optical Instruments
TERM-II	
PREBOARD I	Ch.1- Electric charges and fields Ch.2- Electrostatic potential and capacitance Ch.3- Current Electricity Ch.4- Moving charges and Magnetism Ch.5- Magnetism and Matter Ch.6- Electromagnetic Induction Ch.7- Alternating Current Ch.8- Electromagnetic Waves Ch.9- Ray Optics and Optical Instruments Ch.10-Wave Optics

	Ch.11-Dual Nature of Radiation and Matter Ch.12- Atoms Ch.13- Nuclei Ch.14- Semiconductor Electronics: Materials ,Devices and Simple Circuits
PREBOARD II	All the chapters 1-14

[Marks Distribution: Theory 70 + Practical 30 (Total 100)]

SUBJECT: CHEMISTRY(043)

YEARLY PROJECTION	TOPICS/CHAPTERS
TERM-I	
PERIODIC TEST	Ch.1- Solution Ch.2- Electro Chemistry Ch.3- Chemical kinetics
HALF YEARLY	Ch.1- Solution Ch.2- Electro Chemistry Ch.3- Chemical kinetics Ch.4- Halo Alkanes & Arenes Ch.5- Alcohols,phenol & Ethers Ch.6- Aldehydes, ketones & carboxylic acids
TERM-II	
PREBOARD I	Ch.1- Solution Ch.2-Electro Chemistry Ch.3- Chemical kinetics Ch.4- Halo Alkanes & Arenes Ch.5- Alcohols,phenol & Ether Ch.6- Aldehydes, ketones & carboxylic acids Ch.7- Amines

	Ch.8- d & f block elements Ch.9- Coordination compounds Ch.10- Bio molecules
PREBOARD II	All the chapters 1-10

[Marks Distribution: Theory 70 + Practical 30 (Total 100)]

SUBJECT: BIOLOGY(044)

YEARLY PROJECTION	TOPICS/CHAPTERS
TERM-I	
PERIODIC TEST	Ch.1-Sexual Reproduction in Plants Ch.2-Reproduction in Human Ch.3-Reproductive Health
HALF YEARLY	Ch.1-Sexual Reproduction in Plants Ch.2-Reproduction in Human Ch.3-Reproductive Health Ch.4-The Principle of Inheritance and Variation Ch.5- Molecular Basis of Inheritance Ch.6- Evolution
TERM-II	
PREBOARD I	Ch.1-Sexual Reproduction in Plants Ch.2-Reproduction in Human Ch.3-Reproductive Health Ch.4-The Principle of Inheritance and Variation 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 Processes Ch.10- Biotechnology and its Applications Ch.11-Organisms and Populations Ch.12- Ecosystems Ch.13- Biodiversity and its Conservations
PREBOARD-II	Same as PREBOARD I

[Marks Distribution: Theory 70 + Practical 30 (Total 100)]

SUBJECT : MATHEMATICS(041)

YEARLY PROJECTION	TOPICS/CHAPTERS
TERM-I	
PERIODIC TEST	Ch.1-Relations and Functions Ch.2- Inverse Trigonometric Functions Ch.3- Matrices
HALF YEARLY	Ch.1- Relation and Fncions Ch.2- Inverse Trigonometric Functions Ch.3- Matrices Ch.4- Determinants Ch.5- Continuity and Differentiability Ch.6- Application of Derivative Ch.7- Linear Programming Ch.8- Probability
TERM-II	

PREBOARD-I	Ch.1- Relations and Functions Ch. 2- Inverse Trigonometric Functions Ch.3- Matrices Ch.4- Determinants Ch. 5- Continuity and Differentiability Ch.6- Application of Derivative Ch.7- Linear Programming Ch.8- Probability Ch.9- Integrals Ch. 10- Application of Integrals Ch.11- Differential Equations Ch.12-Vector Algebra Ch.13- Three dimensional geometry
PREBOARD-II	All the chapters 1-13

[Marks Distribution: Theory 80 + Practical 20 (Total 100)]

SUBJECT : COMPUTER SCIENCE(083)

YEARLY PROJECTION	TOPICS/CHAPTERS
TERM-I	
PERIODIC TEST	Ch.1-Python Revision Tour Ch. 2-Python Revision Tour II Ch.3-Working with Functions Ch. 4- Using Python Libraries

HALF YEARLY	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- Recursion Ch.10- Communication Networking
TERM-II	
PREBOARD I	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- Recursion Ch.10- Communication Networking Ch.11- Relational Database Ch.12- Simple Queries in SQL Ch.13- Table Creation and Data Manipulation Ch.15- Interface Python with MySQL
PREBOARD II	Same as PreBoard I

[Marks Distribution: Theory 70 + Practical 30 (Total 100)]

SUBJECT: PHYSICAL EDUCATION(048)

YEARLY PROJECTION	TOPICS/CHAPTERS
TERM-I	
PERIODIC TEST	Ch.1- Management of Sporting Events Ch.2- Children and Women in Sports

HALF YEARLY	Ch.1-Management of Sporting Events Ch.2- Children and Women in Sports Ch.3- Yoga as Preventive measure Ch.4- Phy.edu and sports for CWSN Ch.5-Sports and Nutrition Ch.6-Test and Measurement Ch.7- Physiology and Injuries
TERM-II	
Preboard I	Ch.1-Management of Sporting Events Ch.2- Children and Women in Sports Ch.3- Yoga as Preventive measure Ch.4-Phy.edu and sports for CWSN Ch.5- Sports and Nutrition Ch.6-Test and Measurement Ch.7 - Physiology and Injuries in Sports Ch.8- Biomechanics and Sports Ch.9-Psychology and Sports Ch.10- Training in Sports
Preboard II	All Chapters 1-10

[Marks Distribution: Theory 70 + Practical 30 (Total 100)]

SUBJECT : PAINTING(049)

YEARLY PROJECTION	TOPICS/CHAPTERS
TERM-I	
PERIODIC TEST	Ch.1- Six Limbs of Indian Painting & Fundamentals of Visual Arts (Elements and Principles)

	<p>The Rajasthani and Pahari School of Miniature Painting (16th Century A.D. to 19th Century A.D.)</p> <p>Ch.2- Six Limbs of Indian Painting & The Rajasthani School of Miniature Painting</p> <p>Ch.3- The Pahari School of Miniature Painting</p>
HALF YEARLY	<p>Ch.1- Six Limbs of Indian Painting & Fundamentals of Visual Arts (Elements and Principles)</p> <p>The Rajasthani and Pahari School of Miniature Painting (16th Century A.D. to 19th Century A.D.)</p> <p>Ch.2- Six Limbs of Indian Painting & The Rajasthani School of Miniature Painting</p> <p>Ch.3- The Pahari School of Miniature Painting</p> <p>Ch.4- The Mughal School of Miniature Painting</p> <p>Ch.5- The Deccan School of Miniature Painting</p> <p>Ch.6- Introduction to the Bengal School of Painting</p>
TERM -II	
PREBOARD-I	<p>Ch.1- Six Limbs of Indian Painting & Fundamentals of Visual Arts (Elements and Principles)</p> <p>The Rajasthani and Pahari School of Miniature Painting (16th Century A.D. to 19th Century A.D.)</p> <p>Ch.2- Six Limbs of Indian Painting & The Rajasthani School of Miniature Painting</p> <p>Ch.3- The Pahari School of Miniature Painting</p> <p>Ch.4- The Mughal School of Miniature Painting</p> <p>Ch.5- The Deccan School of Miniature Painting</p> <p>Ch.6- Introduction to the Bengal School of Painting</p> <p>Ch.7- Study of the Paintings of the Bengal School</p> <p>Ch.8- Contribution of Indian Artists in the Struggle for National Freedom Movement</p> <p>Ch.9- Evolution of the Indian National Flag</p> <p>Ch.10- Modern Trends in Indian Art</p>

	Ch.11- Paintings of the Contemporary (Modern) Indian Artists Ch.12- Graphic Prints of the Contemporary (Modern) Indian Artists Ch.13- Sculptures of the Contemporary (Modern) Indian Artists
PREBOARD-II	Same as PREBOARD-I

[Marks Distribution: Theory 30 + Practical 70 (Total 100)]
