



# DELHI PUBLIC SCHOOL ASANSOL

## SYLLABUS BOOKLET

CLASS: XI – SCIENCE

SESSION: 2025-26

SUBJECT: ENGLISH (301)

YEARLY PROJECTION	TOPIC/CHAPTER
TERM-I	
PERIODIC TEST - I	<p>Hornbill - Prose: Ch.1- The Portrait of a Lady Poem: Ch.1- A Photograph</p> <p>Snapshots: 1. The Summer of the Beautiful White Horse</p> <p>English Language Comprehension Poster Determiners Sentence Transformation Sentence Rearrangement</p>
HALF YEARLY	<p>English Literature Hornbill - Prose: Ch.1- The Portrait of a Lady Ch.2- We're Not Afraid to Die .... if We Can All Be Together Ch.3- Discovering Tut: The Saga Continues Poem: Ch.1- A Photograph Ch.2- The Laburnum top Ch.3- The Voice of the Rain</p> <p>Snapshots: Ch.1- The Summer of the Beautiful White Horse Ch.2- The Address</p> <p>Ch.3- Mother's Day</p> <p>English Language Comprehension Poster Speech Writing Determiners Tenses Sentence Transformation</p>

<b>TERM-II</b>	
<b>PERIODIC TEST – II</b>	<p>English Literature Hornbill - Prose: Ch.4- The Adventure Poem: Ch.4- Childhood</p> <p>Snapshots: Ch.4- Birth</p> <p>English Language Comprehension Advertisement Debate Writing Sentence Transformation Sentence Rearrangement</p>
<b>ANNUAL</b>	<p>English Literature Hornbill - Prose: Ch.1- The Portrait of a Lady Ch.2- We're Not Afraid to Die .... if We Can All Be Together Ch.3- Discovering Tut: The Saga Continues Ch.4- The Adventure Ch.5- Silk Road Poem: Ch.1- A Photograph Ch.2- The Laburnum top Ch.3- The Voice of the Rain Ch.4- Childhood Ch.5- Father to Son</p> <p>Snapshots: Ch.1- The Summer of the Beautiful White Horse Ch.2- The Address Ch.3- Mother's Day Ch.4- Birth</p> <p>Ch.5- The Tale of Melon City</p> <p>English Language Comprehension Poster Advertisement Speech Writing Debate writing Determiners Tenses Modals Subject verb agreement Reported Speech</p>

	Sentence Transformation Sentence Rearrangement
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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)**

<b>YEARLY PROJECTION</b>	<b>TOPIC/CHAPTER</b>
<b>TERM-I</b>	
<b>PERIODIC TEST - I</b>	Ch.1 - Mathematical Methods. Ch2- Units and measurement.
<b>HALF YEARLY</b>	Ch.1- Mathematical Methods. Ch.2- Units and measurement Motion in a straight line. Ch.3- Motion in a plane. Ch.4- Laws of motion. Ch.5 - Work, Energy and Power. Ch.6- System of particles and rotational motion.
<b>TERM-II</b>	
<b>PERIODIC TEST II</b>	Ch.7- Gravitation Ch.8-Mechanical properties of solid. Ch.9-Mechanical properties of fluids. Ch.10-Thermal properties of matter
<b>ANNUAL</b>	Ch.1-Mathematical Methods Ch.2-Units and measurement Motion in a straight line Ch.3-Motion in a plane Ch.4-Laws of motion

	<p>Ch.5 -Laws of motion</p> <p>Ch.6 - Work, Energy and Power</p> <p>Ch.7 - System of particles and rotational motion Gravitation</p> <p>Ch.8 - Mechanical properties of solid</p> <p>Ch.9 - Mechanical properties of fluids</p> <p>Ch.10 -Thermal properties of matter</p>
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Marks Distribution: Theory 70 + Practical 30 (Total 100]

**SUBJECT: CHEMISTRY ( 043)**

<b>YEARLY PROJECTION</b>	<b>TOPIC/ CHAPTER</b>
<b>TERM-I</b>	
<b>PERIODIC TEST– I</b>	<p>Ch1-Some Basic concepts of Chemistry</p> <p>Ch.2-Redox reactions</p>
<b>HALF YEARLY</b>	<p>Ch.1 -Some basic concept of chemistry</p> <p>Ch2 -Redox reactions</p> <p>Ch.3 -Structure of Atom</p> <p>Ch.4 -Periodic classification of elements &amp; periodicity.</p> <p>Ch.5 -Chemical bonding &amp; molecular structure</p>
<b>TERM-II</b>	
<b>PERIODIC TEST - II</b>	<p>Ch.6-Equilibrium</p> <p>Ch.7-Thermodynamics</p> <p>Ch.8-Organic chemistry: Basic principles and Techniques</p> <p>Ch.9- Hydrocarbons</p>

<b>ANNUAL</b>	Ch.1-Some basic concepts of chemistry Ch.2-Structure of Atom Ch.3-Periodic classification of elements & Periodicity Ch.4-Chemical Bonding & Molecular structure Ch.5- Redox reaction Ch.6- Thermodynamics Ch.7- Equilibrium Ch.8-Organic chemistry: Basic principles and Techni Ch.9- Hydrocarbon
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Marks Distribution: Theory 70 + Practical 30 (Total 100)

### **SUBJECT: BIOLOGY (044)**

<b>YEARLY PROJECTION</b>	<b>TOPIC/CHAPTER</b>
<b>TERM-I</b>	
<b>PERIODIC TEST – I</b>	Ch .1- The living world Ch .2- Biological Classification
<b>HALF YEARLY</b>	Ch .1- The living world Ch.2- Biological Classification Ch.3 - Plant Kingdom Ch.4- Animal Kingdom Ch .4- Breathing and Exchange of gases Ch.5- Body fluids and Circulation Ch .6- Structural organisation in animal Ch .7- Cell- The unit of lifecation
<b>PERIODIC TEST - II</b>	Ch. 8 - Morphology of flowering plants Ch .9 - Anatomy of flowering plants

	Ch .10 - Biomolecules
<b>ANNUAL</b>	<p>Ch.1- The living world</p> <p>Ch. 2- Biological Classification</p> <p>Ch.3- Plant Kingdom</p> <p>Ch .4- Animal Kingdom</p> <p>Ch. 5- Morphology of flowering plants</p> <p>Ch. 6- Anatomy of flowering plant</p> <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>Ch .11- Photosynthesis in higher plants</p> <p>Ch .12- Respiration in plants</p> <p>Ch .13- Plant growth and hormones</p> <p>Ch. 14- Breathing and exchange of gases</p> <p>Ch .15- Body fluids and circulation</p> <p>Ch .16- Excretory product and their elimination</p> <p>Ch .17- Locomotion and movement</p> <p>Ch .18- Neural control and coordination</p> <p>Ch. 19- Chemical control and integration</p>

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

**SUBJECT: Mathematics (041)**

<b>YEARLY PROJECTION</b>	<b>TOPIC/CHAPTER</b>
<b>TERM-I</b>	
<b>PERIODIC TEST - I</b>	Ch 1 - Sets Ch 2 - Relations and Functions Ch 3 - Trigonometric Functions
<b>HALF YEARLY</b>	Ch 1 – Sets Ch 2 - Relations and Function Ch 3 - Trigonometric Functions Ch 4 - Complex number and Quadratic equations Ch 5 - Linear inequalities Ch 6 - Permutations and Combinations Ch 7- Sequence and series
<b>TERM-II</b>	
<b>PERIODIC TEST– II</b>	Ch.8 -Binomial Theorem Ch.9 -Straight lines
<b>ANNUAL</b>	Ch. 1 – Sets Ch .2 - Relations and Functions Ch .3 - Trigonometric Function Ch .5 - Complex Number and quadratic quations Ch. 6 - Linear inequalities Ch .7 - Permutations and combination Ch. 8 - Binomial Thorem Ch .9- Sequence and series ( Only AP) Ch .10- Straight lines

	Ch .11- conic sections
	Ch .12- Three dimensional geometry
	Ch .13 - Limits and Derivatives

Marks Distribution: Theory 80 + Project 20 (Total 100)

**SUBJECT: COMPUTER SCIENCE (083)**

<b>YEARLY PROJECTION</b>	<b>TOPIC/ CHAPTER</b>
<b>TERM-I</b>	
<b>PERIODIC TEST – I</b>	Ch.1- Computer System Overview Ch.2- Data Representation Ch.3- Boolean Logic
<b>HALF YEARLY</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.9- String Manipulation
<b>TERM-II</b>	
<b>PERIODIC TEST - II</b>	Chapter .10- List Manipulation Chapter. 11- Tuples Chapter .12- Dictionaries
<b>ANNUAL</b>	Ch.1- Computer system overview Ch.2- Data Representation Ch.3- Boolean Algebra Ch.4- Introduction to problem solving Ch.5- Getting started with python



	Ch.6- Python fundamentals Ch.7- Data handling Ch.9- Flow control Ch.10- String Ch.11- List Ch.12- Tuple Ch.13- Dictionary Ch.14- Cyber safety
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Marks Distribution: Theory 70 + Practical 30 (Total 100)

### **SUBJECT: PHYSICAL EDUCATION (048)**

<b>YEARLY PROJECTION</b>	<b>TOPIC/ CHAPTER</b>
<b>TERM-I</b>	
<b>PERIODIC TEST - I</b>	Ch.1- Changing Trends And Careers In Physical Education. Ch.2-Olympism
<b>HALF YEARLY</b>	Ch.1- Changing Trends And Careers In Physical Education. Ch.2-Olympism Ch.3- Yoga Ch.4- Physical Education And Sports For CWSN(Children With Special Needs- Divyang) Ch.5- Physical Fitness, Health and Wellness. Ch.6- Test, Measurement And Evaluation.
<b>TERM-II</b>	
<b>PREODIC TEST II</b>	Ch.7- Fundamentals Of Anatomy And Physiology In Sports. Ch.8- Fundamentals Of Kinesiology And Biomechanics In Sports.

<b>ANNUAL</b>	Ch.1- Changing Trends And Careers In Physical Education. Ch.2-Olympism Ch.3- Yoga Ch.4- Physical Education And Sports For CWSN(Children With Special Needs- Divyang) Ch.5- Physical Fitness, Health and Wellness. Ch.6- Test, Measurement And Evaluation. Ch.7- Fundamentals Of Anatomy And Physiology In Sports. Ch.8- Fundamentals Of Kinesiology And Biomechanics In Sports Ch.9- Psychology And Sports. Ch.10- Training And Doping In Sports.

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

### **SUBJECT : Painting (049)**

<b>Sl No.</b>	<b>Name Of the Examinations</b>	<b>Chapters/ Topics</b>
<b>1</b>	<b>Periodic Test I</b>	Ch.1- Art-An Introduction. Ch.2- Art and the Culture.
<b>2</b>	<b>Half Yearly Examination</b>	Ch.1- Art-An Introduction. Ch.2- Art and the Culture Ch.3- Origin and Development of Different Forms of Fine Art in India. Ch.4- Prehistoric Rock Painting. Ch.5- Art of Indus Valley.
<b>3</b>	<b>Periodic Test II</b>	Ch.6- The Art during Mauryan, Shunga, Kushana and Gupta Periods. Ch.7- The Art of Ajanta caves.

<b>4</b>	<b>Annual Examination</b>	<p>Ch.1- Art-An Introduction.</p> <p>Ch.2- Art and the Culture</p> <p>Ch.3- Origin and Development of Different Forms of Fine Art in India.</p> <p>Ch.4- Prehistoric Rock Painting.</p> <p>Ch.5- Art of Indus Valley.</p> <p>Ch.6- The Art during Mauryan, Shunga, Kushana and Gupta Periods.</p> <p>Ch.7- The Art of Ajanta caves</p> <p>Ch.8- Artistic Aspects of Indian Temple Sculpture.</p> <p>Ch.9- Indian Bronze Sculpture.</p> <p>Ch.10- Some Artistic Aspects of indo-Islamic Architecture.</p>

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