

# HILLMAN PUBLIC SCHOOL, AGRA

SYLLABUS FOR CLASS 10<sup>th</sup>

SESSION – 2025– 2026

<b>Science: Physics (086)</b>	
<b>Exam</b>	<b>Syllabus</b>
<b>CT1</b>	Ch1–Reflection of light
<b>PT1</b>	Ch1–Reflection of light Ch2–Refraction of light
<b>Half Yearly Exam</b>	Ch1–Reflection of light Ch2–Refraction of light Ch3 –Human Eye and Colorful World
<b>Pre-Board 1</b>	Ch1–Reflection of light Ch2–Refraction of light Ch3 –Human Eye and Colorful World Ch4 – Magnetic Effect of Current Ch5 – Electricity
<b>Pre-Board 2</b>	Chapter 1 to 5
<b>SCIENCE: Chemistry (086)</b>	
<b>CT1</b>	Ch1-Chemical reactions and equations
<b>PT1</b>	Ch1-Chemical reactions and equations Ch- 2 -Acids, Bases and salts
<b>Half yearly</b>	Ch-1-Chemical reactions and equations Ch-2 - Acids, Bases and salts Ch-3- Metals and non-metals
<b>Pre board 1</b>	Ch-1-Chemical reactions and equations Ch-2 - Acids, Bases and salts Ch-3- Metals and non-metals Ch-4 – Carbon and Its Compounds
<b>Pre board 2</b>	ALL CHAPTERS – 1 to 4
<b>SCIENCE: Biology(086)</b>	
<b>CT1</b>	Ch1- Life Processes (Topic-Nutrition, Respiration)
<b>PT1</b>	Ch1- Life Processes: Transportation, Excretion + CT
<b>Half yearly</b>	Ch-1 Life Processes (Full Chapter) Ch-2 Control and Co-ordination Ch-3 Reproduction
<b>Preboard 1</b>	Ch-1 Life Processes (Full Chapter) Ch-2 Control and Co-ordination Ch-3 Reproduction Ch-4 Heredity Ch-5 Our Environment
<b>Preboard 2</b>	ALL CHAPTERS– 1 to 5

<b>Mathematics(041)</b>	
<b>Class test</b>	Ch. 1 – Real Numbers Ch. 2 – Polynomials
<b>PT-1</b>	Ch. 1 – Real Numbers Ch. 2 – Polynomials Ch. 3 – Pair Linear Equations in Two Variables
<b>Half Yearly examination</b>	Ch. 1 – Real Numbers Ch. 2 – Polynomials Ch. 3 – Pair Linear Equations in Two Variables Ch. 4 – Quadratic Equations Ch. 5 – Arithmetic Progressions Ch. 6 – Triangles Ch. 7 – Coordinate Geometry Ch. 8 – Introduction of Trigonometry Ch. 9 – Some Application of Trigonometry
<b>PT-2</b>	Ch. 10 – Circle Ch. 11 – Area Related to Circles
<b>Pre-Board1</b>	Ch. 1 – Real Numbers Ch. 2 – Polynomials Ch. 3 – Pair Linear Equations in Two Variables Ch. 4 – Quadratic Equations Ch. 5 – Arithmetic Progressions Ch. 6 – Triangles Ch. 7 – Coordinate Geometry Ch. 8 – Introduction of Trigonometry Ch. 9 – Some Application of Trigonometry Ch. 10 – Circle Ch. 11 – Area Related to Circles Ch. 12 – Surface Area, Volume Ch. 13 – Statistics Ch. 14 – Probability
<b>Pre-Board2</b>	All Chapters 1 to 14
<b>ENGLISH(184)</b>	<b><u>BOOKS – FIRST FLIGHT, FOOT PRINT WITHOUT FEET</u></b>
<b>CT</b>	<b>FIRST FLIGHT-</b> CH. 1 (A LETTER TO GOD) <b>GRAMMAR</b> TENSES, VOCABULARY
<b>PT1</b>	<b>CT+</b> <b>FIRST FLIGHT-</b> <b>POETRY-</b> DUST OF SNOW <b>F.W.F-</b> Ch-1 : THE TRIUMPH OF SURGERY <b>GRAMMAR</b> SUBJECT-VERB CONCORD

<b>Half-yearly</b>	<b>CT+PT-1</b> <b>FIRST FLIGHT-</b> CH.2 - NELSON MANDELA CH.3 - TWO STORIES ABOUT FLYING CH.4 - FROM THE DIARY OF ANNE FRANK <b>F.W.F-</b> CH.1 – THE TRIUMPH OF SURGERY CH.2 – THE THIEF’S STORY CH.3 – THE MIDNIGHT VISITOR CH.4 – A QUESTION OF TRUST CH.5 – FOOTPRINTS WITHOUT FEETS <b>POETRY-</b> DUST OF SNOW FIRE AND ICE A TIGER IN THE ZOO HOW TO TELL WILD ANIMALS THE BALL POEM, AMANDA. THE TREES FOG THE TALE OF CUSTARD THE DRAGON FOR ANNE GREGORY <b>GRAMMAR –</b> FORMAL LETTER MODALS SUBJECT-VERB AGREEMENT ARTICLES DETERMINERS REPORTED SPEECH PARAGRAPH PASSAGE (DISCURSIVE, WITH VISUAL INPUT STATISTICAL DATA, CHART, FACTUAL)
<b>Pre-board 1</b>	<b>CT+PT-1+Half Yearly + First Flight</b> CH-5 : GLIMPS OF INDIA CH-6 : MIJBIL THE OTTER CH-7 : MADAM RIDES THE BUS CH-8 : THE SERMON AT BENARES CH-9 : THE PROPOSAL (PLAY) <b>F.W.F.</b> CH-6 : THE MAKING OF A SCIENTIST CH-7 : THE NECKLACE CH-8 : BHOLI CH-9 : THE BOOK THAT SAVE THE EARTH (PLAY)
<b>Preboard 2</b>	WHOLE SYLLABUS
<b>SOCIAL STUDIES(087)</b>	
<b>CT1</b>	<b>Ch 1-The Rise of Nationalism in Europe,</b> <b>Ch 1-Resources and Development</b>
<b>PT1</b>	<b>CT1+Ch 1-Powersharing ,</b> <b>Ch 1-Development</b>
<b>HALF YEARLY</b>	<b>CT1+ PT1+</b> <b>Ch 2-Nationalism in India,</b> <b>Ch 2-Forest and Wildlife Resources,</b> <b>Ch 3-Water resources,</b> <b>Ch 2-Federalism,</b> <b>Ch 2-Sectors of the Indian Economy</b>

<b>PT2</b>	<b>Ch 4-The Age of Industrialisation,</b> <b>Ch 4-Agriculture,</b> <b>Ch 3-Gender, Religion and Caste,</b> <b>Ch 3- Money and Credit</b>
<b>PRE-BOARD1</b>	<b>CT1+ PT1+ H.Y +PT2+</b> <b>Ch 3-The Making of a global world,</b> <b>Ch 5-Print Culture and the Modern World</b> <b>Ch 5-Mineral and Energy Resources</b> <b>Ch 6-Manufacturing Industries</b> <b>Ch 7-Lifelines of National Economy</b> <b>Ch 4-Political Parties</b> <b>Ch 5-Outcomes of Democracy</b> <b>Ch 4-Globalisation and the Indian Economy</b>
<b>PRE-BOARD2</b>	<b>WHOLE SYLLABUS</b>
<b>हिन्दी पाठ्यक्रम – ब(085)</b>	
<b>CT1</b>	पाठ–बड़े भाई साहब
<b>PT1</b>	पाठ–कबीर (साखी) पाठ–बड़े भाई साहब पाठ–मीराबाई पाठ–हरिहर काका (संचयन) व्याकरण–रचना के आधार पर वाक्य के भेद, मुहावरे
<b>Half yearly</b>	स्पर्श : कबीर (कविता), मीरा (कविता), मैथिलीशरण गुप्त (कविता), प्रेमचंद, सीताराम सेकसरिया, लीलाधर मंडलोई व्याकरण – अपठित गद्यांश, पदबंध, रचना के आधार पर वाक्य रूपांतरण, समास, मुहावरे, अनुच्छेद, लेखन, औपचारिक पत्र, सूचना लेखन, विज्ञापन, लघु कथा/औपचारिक ई–मेल संचयन– हरिहर काका, सपनों के – से दिन +PT1 Syllabus
	कबीर (कविता), मीरा (कविता), मैथिलीशरण गुप्त (कविता), सुमित्रानंदन पंत (कविता), वीरेन डंगवाल (कविता), कैफ़ी आजमी (कविता), प्रेमचंद, सीताराम सेकसरिया, लीलाधर मंडलोई, प्रहलाद अग्रवाल, निदा फ़ाज़ली, रवींद्र केलेवर, हबीब तनवीर, रवींद्रनाथ ठाकुर (कविता), <b>संचयन:</b> टोपी शुक्ल
<b>PRE-BOARD 1</b>	Full Syllabus
<b>PRE-BOARD 2</b>	Full Syllabus

## INFORMATION TECHNOLOGY (402)

	PART OF SYLLABUS	UNITS / CHAPTERS
CLASS TEST	PART – A	<b>UNIT – 1 Communication Skills – II</b> <b>CH – 1</b> Demonstrate knowledge of various methods of communication <b>CH – 2</b> Provide descriptive and specific feedback <b>CH – 3</b> Apply measures to overcome barriers in communication <b>CH – 4</b> Apply principles of communication <b>CH – 5</b> Demonstrate basic writing skills
PREODIC TEST - I	PART – A           PART – B	<b>UNIT – 2 SELF MANAGEMENT SKILLS - II</b> <b>CH – 6</b> Apply stress management technique <b>CH – 7</b> Demonstrate the ability to work independently <b>UNIT– 3 INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS-II</b> <b>CH–8</b> DISTINGUISH BETWEEN DIFFERENT OPERATING SYSTEMS <b>CH–9</b> Apply basic skills for care and maintenance of computer  <b>UNIT – 1 Digital Documentation (Advanced) using Libre Office Writer</b> <b>CH – 1</b> Introduction To Styles <b>CH – 2</b> Working with Images <b>CH – 3</b> Advanced Features of Writer
HALF YEARLY EXAMINATION	PART – A	<b>UNIT 1, UNIT 2, UNIT 3</b> <b>CH 1, CH 2 CH 3, CH 4, CH 5, CH 6, CH 7, CH 8</b> <b>UNIT– 4 Entrepreneurial Skills-II</b> <b>CH – 10</b> List the characteristics of successful entrepreneur <b>UNIT 5 – GREEN SKILLS – II</b> <b>CH–11</b> Demonstrate the knowledge of importance, problems and solutions related to sustainable development
	PART – B	<b>UNIT 1 - CH 1, CH 2, CH 3, CH 4,</b> <b>UNIT 2 - Electronic Spreadsheet (Advanced)</b> <b>CH – 4</b> Analyse data using scenarios and goal seek. <b>CH – 5</b> Using Macros in Spreadsheet <b>CH – 6</b> Linking Spreadsheet Data <b>CH – 7</b> Share and Review a Spreadsheet
PREODIC TEST - II	PART – B	<b>UNIT – 3 DATABASE MANAGEMENT SYSTEM</b> <b>CH – 8</b> Introduction to Database Management System <b>CH – 9</b> Starting with Libre Office Base <b>CH – 10</b> Working with Multiple Tables <b>CH – 11</b> Queries in Base <b>CH – 12</b> Forms and Reports
PREBOARD - I	PART – A PART – B	<b>UNIT 1, UNIT 2, UNIT 3, UNIT 4, UNIT 5</b> <b>UNIT 1, UNIT 2, UNIT 3,</b> <b>UNIT – 4 Maintain Healthy, Safe and Secure Working Environment</b> <b>CH – 13</b> Health, Safety and Security at Workplace <b>CH – 14</b> Workplace Quality Measures <b>CH – 15</b> Prevent Accidents and Emergencies