

**HILLMAN PUBLIC SCHOOL, AGRA**  
**ANNUAL SYLLABUS (2024-25)**  
**CLASS – 9<sup>TH</sup>**

**SUBJECT : INFORMATION TECHNOLOGY (402)**

MONTHS	UNITS / CHAPTERS	TEST
APRIL	<b>SECTION – B</b> <b>UNIT – 1 INTRODUCTION TO IT-ITeS INDUSTRY</b> CH – 1 Appreciate the applications of IT <b>UNIT – 2 DATA ENTRY AND KEYBOARDING SKILLS</b> CH – 2 Use keyboard and mouse for data entry CH – 3 Use typing software	<b>CLASS TEST :</b> <b>SEC – B</b> UNIT – 1 & UNIT 2 CH – 1 & 2 ONLY
MAY	<b>SECTION – B</b> <b>UNIT – 3 DIGITAL DOCUMENTATION</b> CH – 4 Create a document using a word processor CH – 5 Apply Editing features	
JULY	CH – 6 Apply formatting features CH – 7 Create and work with tables CH – 8 Use Print Options CH – 9 Understand and apply mail merge	<b>PERIODIC TEST – 1</b> <b>SEC – B</b> UNIT – 2 (CH – 2) UNIT – 3 (CH 4 TO CH 9)
AUGUST	<b>SECTION – A</b> <b>UNIT – 1 Communication Skills - I</b> CH – 1 Demonstrate knowledge of various methods of communication CH – 2 Identify elements of communication cycle CH – 3 Identify the factors affecting our perspectives in communication CH – 4 Demonstrate the knowledge of basic writing skills	
SEPTEMBER	<b>SECTION – A</b> <b>UNIT – 2 SELF-MANAGEMENT SKILLS – I</b> CH – 5 Describe the meaning and importance of self-management CH – 6 Identify the factors that helps in building self-confidence  <b>PRACTICAL FILE</b>	<b>HALF YEARLY EXAMINATION:</b> <b>SEC – A</b> UNIT – 1 ( CH 1 TO CH 4) <b>SEC – B</b> UNIT – 1 (CH – 1) UNIT – 2 (CH – 2 & CH – 3) UNIT – 3 (CH - 4 TO CH 9)
OCTOBER	<b>SECTION – B</b> <b>UNIT – 4 ELECTRONIC SPREADSHEET</b> CH – 10 Create a Spreadsheet CH – 11 Apply formula and functions in spreadsheet CH – 12 Format data in the spreadsheet CH – 13 Understand and apply Referencing CH – 14 Create and insert different types of charts in a spreadsheet	
NOVEMBER	<b>SECTION – B</b> <b>UNIT – 5 DIGITAL PRESENTATION</b> CH – 15 Understand features of an effective presentation CH – 16 Create a presentation CH – 17 Work with slides CH – 18 Format text and apply animations CH – 19 Create and use tables	<b>PERIODIC TEST – 2</b> <b>SEC – B</b> UNIT – 4 (CH 10 TO CH 14) <b>SEC – A</b> UNIT – 2 (CH – 5 & 6)
DECEMBER	CH – 20 Insert and format image in presentation CH – 21 Work with slide master <b>SECTION – A</b> <b>UNIT – 3 INFORMATION AND COMMUNICATION TECHNOLOGY SKILLS – I</b> CH – 7 Describe the role of Information and Communication Technology (ICT) in day-to-day life and workplace CH – 8 Identify components of basic computer system and their functions CH – 9 Demonstrate use of various components and peripherals of computer system CH – 10 Demonstrate basic computer skills	:
JANUARY	<b>SECTION A</b>	

	<b>UNIT – 4 Entrepreneurial Skills-I</b> CH – 11 Identify various types of business activities CH – 12 Demonstrate the knowledge of distinguishing characteristics of entrepreneurship <b>UNIT 5 – GREEN SKILLS – I</b> CH – 13 Demonstrated the knowledge of the factors =influencing natural resource conservation CH – 14 Describe the importance of green economy and green skills <b>PRACTICAL FILE</b>	
FEBRUARY	<b>COMPLETE SYLLABUS</b>	<b>ANNUAL EXAMINATION:</b> <b>SEC A</b> UNIT 1 TO 5(ALL CHAPTERS) <b>SEC B</b> UNIT 1 TO 5(ALL CHAPTERS)

### SUBJECT – SOCIAL STUDIES

EXAM	Distribution of Chapters	Chapters Completion Time (Approx)
CT	<b>History:</b> The French Revolution, <b>Geography:</b> India-Size and Location	APRIL
PT1	<b>History:</b> The French Revolution, <b>Geography:</b> India-Size and Location, <b>Political Science:</b> What is Democracy? Why Democracy? <b>Economics:</b> The Story of Village Palampur	MAY
HALF YEARLY	<b>(CT + PT)</b> <b>History:</b> The French Revolution, Socialism in Europe and the Russian Revolution, Nazism and the Rise of Hitler, <b>Geography:</b> India-Size and Location, Physical Features of India, Drainage +Map work, <b>Political Science:</b> What is Democracy? Why Democracy?, Constitutional Design, <b>Economics:</b> The Story of Village Palampur, People as Resource	JULY-  AUGUST  SEPTEMBER
PT2	<b>History:</b> Society and Colonialism, <b>Geography:</b> Climate, Forest, <b>Political Science:</b> Electoral Politics <b>Economics:</b> Poverty as a Challenge	OCTOBER NOVEMBER
ANNUAL EXAMINATION	<b>COMPLETE SYLLABUS</b> <b>(History:</b> The French Revolution, Socialism in Europe and the Russian Revolution, Nazism and the Rise of Hitler, Society and Colonialism, Pastoralists in the Morden World. <b>Geography:</b> India-Size and Location, Physical Features of India, Drainage + Map work, Climate, Forest, Natural Vegetation and Wildlife, Population <b>Political Science:</b> What is Democracy? Why Democracy?, Constitutional Design, Electoral Politics, Working of Institutions, Democratic Rights. <b>Economics:</b> The Story of Village Palampur, People as Resource, Poverty as a Challenge, Food Security in India	DECEMBER

## **Subject- Biology**

<b>Exams</b>	<b>Distribution of Chapters</b>	<b>Chapters Completion Time (Approx)</b>
<b>CT</b>	Cell- Basic unit of life	April
<b>PT-1</b>	Plant Tissue	July
<b>Half yearly Examination</b>	Cell- Basic unit of life Plant Tissue Animal Tissue	August
<b>PT-2</b>	Food Production	September
<b>ANNUAL EXAMINATION</b>	<b>(Complete Syllabus)</b> Cell- Basic unit of life Plant Tissue Animal Tissue Food Production Natural Resources	October

## **Subject- Chemistry**

<b>Exams</b>	<b>Distribution of Chapters</b>	<b>Chapters Completion Time (Approx)</b>
<b>CT</b>	1.Matter in our surroundings	April
<b>PT-1</b>	1.Matter in our surroundings	July
<b>Half yearly Examination</b>	2.Is matter around us Pure +CT+PT	August
<b>PT-2</b>	3. Atoms and molecules	September
<b>ANNUAL EXAMINATION</b>	<b>(Complete Syllabus)</b> 1.Matter in our surroundings 2.Is matter around us Pure 3. Atoms and molecules 4. Structure of the atom	October

<b>CT--</b>	पाठ -दुख का अधिकार, पाठ- रैदास (काव्य)	
<b>PT--1</b>	पाठ-मेरी शिखर यात्रा, दुख का अधिकार, रैदास <b>व्याकरण</b> --शब्द और पद अनुस्वार और अनुनासिक	
<b>Half yearly Examination</b>	<b>CT+ PT-1</b> पाठ- दुख का अधिकार, पाठ -एवरेस्ट मेरी शिखर यात्रा, रहीम के दोहे, तुम कब जाओगे अतिथि, पाठ रविदास के पद संचयन- पाठ--गिल्लू , स्मृति <b>व्याकरण--</b> शब्द और पद अनुस्वार और अनुनासिक, उपसर्ग और प्रत्यय, स्वर संधि, अनुच्छेद लेखन अनौपचारिक पत्र, चित्र वर्णन, संवाद लेखन, अपठित गद्यांश	
<b>PT- 2</b>	पाठ -गीत गीत (काव्य) वैज्ञानिक चेतना की वाहक <b>व्याकरण</b> --अनौपचारिक पत्र, संवाद लेखन	
<b>ANNUAL EXAMINATION</b>	<b>(Complete Syllabus including all test done previously)</b> <b>(गद्य)</b> पाठ -दुख का अधिकार, एवरेस्ट मेरी शिखर यात्रा, तुम कब जाओगे अतिथि ,शुक्र तारे की समान, वैज्ञानिक चेतना के वाहक रामन <b>(पद्य )</b> रैदास के पद ,रहीम के दोहे, गीत गीत ,अग्निपथ, नए इलाके में, खुशबू रचते हैं हाथ <b>व्याकरण--</b> शब्द और पद ,अनुस्वार और अनुनासिक, उपसर्ग -प्रत्यय, स्वर संधि ,विराम चिन्ह, अर्थ की दृष्टि से वाक्य के भेद <b>लेखन--</b> अपठित गद्यांश ,अनुच्छेद, अनौपचारिक पत्र, चित्र वर्णन , संवाद लेखन <b>संचयन--</b> पाठ गिल्लू, स्मृति ,मेरा छोटा सा निजी पुस्तकालय , कल्लू कुम्हार की उनाकोटी	

### SUBJECT-PHYSICS

Exam	Syllabus	Month
<b>CT</b>	<b>Ch 1- Motion</b>	<b>April - Ch 1- Motion</b>
<b>PT 1</b>	<b>Ch1 – Motion Ch2 - Force &amp; Newton’s Laws</b>	<b>May - Ch2 - Force &amp; Newton’s Laws</b>
<b>Half Yearly Examination</b>	<b>Ch 1 – Motion Ch2 - Force &amp; Newton’s Laws Ch 3 – Gravitation</b>	<b>July - Ch 3 – Gravitation</b>
<b>PT 2</b>	<b>Ch 3 – Gravitation Ch 4 - Floatation</b>	<b>August - Ch 4 - Floatation</b>
<b>Annual Examination</b>	<b>Ch1 – Motion Ch2 - Force &amp; Newton’s Laws Ch 3 – Gravitation Ch 4 - Floatation Ch 5 – Work Energy &amp; Power Ch 6- Sound</b>	<b>September - Ch 5 – Work Energy &amp; Power October - Ch 6- Sound</b>

## SUBJECT – ENGLISH

TEST	SYLLABUS	MONTHS
CT-1	BEEHIVE (PROSE)- THE FUN THEY HAD WRITING SKILL& GRAMMAR- DETERMINERS	APRIL
PT-1	BEEHIVE (PROSE)-THE FUN THEY HAD POETRY-THE ROAD NOT TAKEN, WIND MOMENTS-THE LOST CHILD WRITING SKILL & GRAMMAR- DETERMINERS, DIARY ENTRY	APRIL  MAY
HALF YEARLY EXAMINATION	PT-1 + CT BEEHIVE (PROSE)-THE SOUND OF MUSIC, THE LITTLE GIRL, A TRULY BEAUTIFUL MIND POETRY-RAIN ON THE ROOF, THE LAKE ISLE OF INNISFREE MOMENTS-THE ADVENTURE OF TOTO, ISHWARAN THE STORY TELLER, IN THE KINGDOM OF FOOLS WRITING SKILL& GRAMMAR-TENSES, REPORTED SPEECH, GAP FILLING,	JULY  AUGUST  SEPTEMBER
PT-2	BEEHIVE (PROSE)-THE SNAKE AND THE MIRROR POETRY-A LEGEND OF THE NORTHLAND, NO MEN ARE FOREIGN MOMENTS-THE HAPPY PRINCE, THE LAST LEAF WRITING SKILL & GRAMMAR-SUBJECT VERB AGREEMENT, PARAGRAPH WRITING, STORY WRITING	OCTOBER  NOVEMBER
ANNUAL EXAMINATION	<b>(Complete Syllabus: CT, PT1, PT2, Half-yearly)</b> BEEHIVE (PROSE)-MY CHILDHOOD, REACH FOR THE TOP, KATHMANDU, IF I WERE YOU POETRY-ON THE KILLING A TREE, A SLUMBER DID MY SPIRIT SEAL MOMENTS-THE HOUSE IS NOT A HOME, THE BEGGER. WRITING SKILL & GRAMMAR-MODALS, EDITING, TRANSFORMATION	NOVEMBER  DECEMBER/JANUARY

## SUBJECT – MATHEMATICS

TEST	CHAPTERS	MONTHS
CT	CHAPTERS : 1 Number system	April
PT 1	CHAPTERS : 1 and 2 (Number system and polynomial )	April, May
Half Yearly Examination	CHAPTERS : 3, 4, 5, 6,7,8,10 (Coordinate Geometry, Linear equation and two variables, Introduction of Euclid Geometry, Lines and angle, Triangle, quadrilateral, Circle) + PT-1	July, August, September
PT -2	CHAPTERS : 11,12,13 (Herons Formula, Area, Surface area and volume)	October, November
Annual examination	CHAPTER: 14 (Statistics) CT+ PT-1 + PT-2+ Half yearly	December