

**Jagat Taran Golden Jubilee School, Prayagraj**  
**Syllabus Break-up Exam-Wise 2026-27**  
**CLASS X**



**PHYSICS**

S.N.	PERIODIC TESTS/EXAM	CHAPTERS	EXPERIMENTS/ ACTIVITIES
1.	Periodic Test 1	Ch-1. Light - Reflection of light	Determination of the focal length of concave mirror by obtaining the image of distant object.
2.	Periodic Test 2	Ch-1. Light - Refraction of light	Determination of the focal length of convex lens by obtaining the image of distant object.
3.	Periodic Test 3 (Half- Yearly)	Ch-1. Light – Reflection and Refraction Ch- 2. Human Eye and the colourful world	
3.	Pre-Board	Ch-1. Light – Reflection and Refraction Ch-2. Human Eye and the colourful world Ch -3. Electricity Ch - 4. Magnetic effects of current	

## CHEMISTRY

Sr. No.	Exam	Chapter's Name	Subject Enrichment Activities
1.	Periodic Test 1	1. Chemical Reactions and Equations	To perform and observe the types of reactions in the following: - 1. Reaction of iron nail kept in copper sulphate solution 2. Action of water on quicklime 3. Action of heat on ferrous sulphate crystals 4. Reaction between $\text{Na}_2\text{SO}_4$ and $\text{BaCl}_2$ .
2.	Periodic Test 2	2. Acids, Base and Salts	To find the pH of the following samples by using pH paper/universal indicator: 1. Dil HCl 2. Dil NaOH 3. Dil ethanoic acid solution 4. Lemon water 5. Water 6. Dilute Hydrogen Carbonate Solution
3.	Periodic test 3 (Half-Yearly)	1. Chemical Reactions and equations 2. Acids, Bases and Salts 3. Metals and non-metals	
4.	Pre-Board	1. Chemical Reactions and Equations 2. Acids, Bases and Salts 3. Metals and non-metals 4. Carbon and its compounds	

## MATHEMATICS

PERIODIC TEST / EXAMS	CHAPTERS	PROJECT WORK
<b>PERIODIC TEST I</b>	Ls. 1 - Real Numbers Ls. 2 - Polynomials	1. To find the HCF of two numbers experimentally based on Euclid's Division Lemma 2. To draw the graph of a quadratic polynomial and observe :  i) the shape of the curve when the coefficient of $x^2$ is positive.  ii) the shape of the curve when the coefficient of $x^2$ is negative.  iii) its number of zeros.
<b>PERIODIC TEST II</b>	Ls. 3 - Pair of Linear Equations in two variables Ls. 4 - Quadratic Equations Ls. 5 - Arithmetic Progression	1. To obtain the conditions for consistency or inconsistency of given pairs of linear equations in two variables by graphical method. 2. To verify that the given sequence is an Arithmetic Progression by paper cutting and pasting method.  3. To verify the sum of first $n$ – natural numbers is $n(n+1) / 2$ by graphical method.
<b>PERIODIC TEST III (HALF – YEARLY EXAM)</b>	Ls. 6 – Triangles Ls. 7 - Coordinate Geometry Ls. 8 - Introduction to Trigonometry Ls. 9 - Some Applications of Trigonometry Ls. 10 – Circles  <b>NOTE : P.T. I &amp; P.T. II CHAPTERS ALSO INCLUDED</b>	1. To verify the BPT using parallel line board and triangle cut outs.  2. To verify the Pythagoras theorem by the method of paper cutting and pasting.  3. To verify the Pythagoras theorem by Bhaskara method.  4. To make a clinometer and use it to measure height of an object.

**PREBOARD**

Ls. 11 – Area related to Circles

Ls. 12 – Surface Areas and Volumes

Ls. 13 – Statistics

Ls. 14 – Probability

**NOTE : FULL BOOK ACCORDING TO THE PRESCRIBED SYLLABUS OF 2026 – 2027 BY CBSE.**

1. To give a suggestive demonstration of the formula that the area of the circle is half the product of its circumference and radius , by paper cutting and pasting.

2. To give a suggestive demonstration of the formula for the volume of a right circular cylinder in terms of its height and radius of the base circle.

3. To give a suggestive demonstration of the formula for the volume of a right circular cone.

## **BIOLOGY**

<b>S.NO.</b>	<b>EXAM</b>	<b>ACTIVITY</b>
1	Periodic Test – 1 (May)	Ch 1 Life Processes (Autotrophic Nutrition)
2	Periodic Test – 2 (August)	Ch 1 Life Processes (Complete chapter)
3	Periodic Test – 3 (October)	Ch 1 Life Processes Ch 2 Control and Coordination Ch 3 How do the Organisms Reproduce (Vegetative propagation)
4	Pre Board (December)	Ch 1 Life Processes Ch 2 Control and Coordination Ch 3 How do the Organisms Reproduce Ch 4 Heredity and Variation Ch 5 Our Environment

## **ECONOMICS**

<b>Sr. No.</b>	<b>EXAM</b>	<b>Chapter's Name</b>
<b>1.</b>	<b>PERIODIC TEST 1</b>	<b>Ch-1 Development</b>
<b>2.</b>	<b>PERIODIC TEST 2</b>	<b>Ch-2 Sectors of the Indian Economy</b>
<b>3.</b>	<b>PERIODIC TEST 3/ HALF-YEARLY</b>	<b>Ch-1 Development Ch-2 Sectors of the Indian Economy Ch- 3 Money and Credit</b>
<b>4.</b>	<b>PRE BOARD EXAM</b>	<b>Ch-1 Development Ch-2 Sectors of the Indian Economy Ch- 3 Money and Credit Ch- 4 Globalisation and the Indian Economy</b>

## GEOGRAPHY

<b>PERIODIC TESTS/EXAMS</b>	<b>CHAPTERS</b>
<b>PERIODIC TEST I (MAY)</b>	Sub : Geography  Textbook : Contemporary India-II  L-1 Resources and Development
<b>PERIODIC TEST II (AUGUST)</b>	Geography :  L-2 Forest and Wildlife Resources
<b>P T - III EXAM ( HALF-YEARLY) ( OCTOBER)</b>	Term-I Lessons---  Geography  L-1 Resources and Development  L-2 Forest and Wildlife Resources  L-3 Water Resources  L-4 Agriculture  L-5 Minerals and Energy Resources
<b>PRE BOARD (DECEMBER)</b>	GEOGRAPHY:  L-1 Resources and Development  L-2 Forest and Wildlife Resources  L-3 Water Resources  L-4 Agriculture  L-5 Minerals and Energy Resources  L-6 Manufacturing Industry  L-7 Lifelines of National Economy ( Interdisciplinary project work )  (ONLY MAP POINTING TO BE EVALUATED IN PRE BOARD AND BOARD EXAMS OF CHAPTER -7)

# HISTORY

<b>Test/Months</b>	<b>Chapters</b>	<b>Activities</b>
Periodic Test 1 (May)	<b>History:</b> Ch-4 The Age of Industrialisation <b>Civics:</b> Ch-1 Power Sharing	
Periodic Test 2 (August)	<b>History:</b> Ch-1 Nationalism in Europe <b>Civics:</b> Ch-2 Federalism	
Periodic Test 3 (Half Yearly) (October)	<b>History:</b> Ch-1 Nationalism in Europe Ch-2 Nationalism in India Ch-3 The Making of a global World  <b>Civics:</b> Ch-1 Power Sharing Ch-2 Federalism Ch-3 Gender, Religion and caste Ch-4 Political Party	
Pre Board (December)	<b>History:</b> Ch-1 Nationalism in Europe Ch-2 Nationalism in India Ch-3 The Making of a global World Ch-5 Print Culture and Modern World <b>Civics:</b> Ch-1 Power Sharing Ch-2 Federalism Ch-3 Gender, Religion and caste Ch-4 Political Party Ch-5 Outcomes of Democracy	

**ENGLISH (055)**

<b>Exam</b>	<b>Literature</b>	<b>Grammar</b>	<b>Writing Skills</b>
<b>Periodic Assessment 1</b>	A Letter to God (G.L. Fuentes); Dust of Snow (Poem – Robert Frost); Fire and Ice (Poem – Robert Frost)	Modals; Determiners	Formal Letter Writing
<b>Periodic Assessment 2</b>	A Triumph of Surgery (James Herriot); Nelson Mandela: Long Walk to Freedom; Two Stories About Flying; The Thief's Story (Ruskin Bond); A Tiger in the Zoo (Poem); From the Diary of Anne Frank; Glimpses of India	Determiners ; Modals ; Subject-Verb Concord	Letter Writing (Formal & Informal)
<b>Periodic Assessment 3 (Half-Yearly Exam)</b>	From the Diary of Anne Frank; Glimpses of India; Mijbil the Otter; Madam Rides the Bus; The Sermon at Benares; The Midnight Visitor; A Question of Trust; Footprints Without Feet; The Making of a Scientist; How to Tell Wild Animals (Poem); Amanda! (Poem); The Trees (Poem)	Reported Speech; Subject-Verb Concord; Tenses	Formal Letter Writing; Analytical Paragraph
<b>Pre-Board Examination</b>	The Proposal (Play); Fog (Poem); The Tale of Custard the Dragon (Poem); For Anne Gregory (Poem); The Necklace; Bholi; The Book That Saved the Earth; + Full Syllabus (PT1, PT2, PT3)	Reported Speech; Subject-Verb Concord; Modals; Determiners; Tenses; Editing & Omission	Letter Writing; Analytical Paragraph

## INFORMATION TECHNOLOGY

Exam	Chapter
Periodic Test 2	<p data-bbox="683 405 767 434">Part B</p> <ol data-bbox="730 483 1241 645" style="list-style-type: none"><li data-bbox="730 483 1166 517">1. Advanced Documentation</li><li data-bbox="730 524 1034 557">2. Calc Spreadsheet</li><li data-bbox="730 564 1241 598">3. Database Management System</li><li data-bbox="730 604 1075 638">4. Work Place Security</li></ol>
Pre- Board	<p data-bbox="683 674 767 703">Part B</p> <ol data-bbox="639 752 1145 913" style="list-style-type: none"><li data-bbox="639 752 1066 786">1. Advanced Documentation</li><li data-bbox="639 792 938 826">2. Calc Spreadsheet</li><li data-bbox="639 833 1145 866">3. Database Management System</li><li data-bbox="639 873 979 907">4. Work Place Security</li></ol> <p data-bbox="683 956 767 985">Part A</p> <ol data-bbox="639 1003 1038 1209" style="list-style-type: none"><li data-bbox="639 1003 1011 1037">1. Communication Skill-II</li><li data-bbox="639 1043 1038 1077">2. Self-Management skill-II</li><li data-bbox="639 1084 826 1117">3. ICT Skill-II</li><li data-bbox="639 1124 1011 1158">4. Entrepreneurial Skill-II</li><li data-bbox="639 1164 868 1198">5. Green Skill-II</li></ol>

## HINDI

EXAM	CHAPTERS	ACTIVITY
<b>PT 1</b>	<b>क्षितिज भाग -2</b> 1.नेता जी का चश्मा 2.सूरदास के पद <b>व्याकरण एवं लेखन</b> 1. अपठित गद्यांश 2. पत्र लेखन 3. अलंकार(उपमा, रूपक, उत्प्रेक्षा)	1.मैं प्रयाग का चौराहा हूँ-। 2.फेरीवालों की समस्याएँ एवं समाधान के सुझाव।
<b>PT 2</b>	<b>क्षितिज भाग -2</b> 1. बालगोविन भगत 2. राम-लक्ष्मण-परशुराम संवाद <b>कृतिका भाग -2</b> 1. माता का अंचल <b>व्याकरण एवं लेखन</b> 1. पद परिचय 2. अलंकार(अतिशयोक्ति और मानवीकरण) 3. अपठित पद्यांश	1.दोहा व चौपाई छंद का गायन। 2.पठित गद्यांश पर आधारित प्रश्नोत्तर

**PT 3**

**क्षितिज भाग -2**

1. सूरदास का पद
2. राम-लक्ष्मण-परशुराम संवाद
3. आत्मकथ्य
4. उत्साह/अट नहीं रही
5. दंतुरित मुस्कान/फसल
6. नेता जी का चश्मा
7. बालगोबिन भगत
8. लखनवी अंदज़
9. एक कहानी यह भी

1.काशी में हो रहे बदलावों पर बिस्मिल्लाह खाँ की पीड़ा को अपने शब्द में लिखिए।

2.युवा वर्ग में सफलता के लिए शॉर्टकट अपनाने की बढ़ती प्रवृत्ति।

A.S.L.

**कृतिका भाग -2**

1. माता का अंचल
2. साना-साना हाथ जोड़ि

**PRE  
BOARD  
CBSE के  
(प्रश्न पत्र  
प्रारूप  
अनुसार)**

**क्षितिज भाग -2**

1. सूरदास का पद
2. राम-लक्ष्मण-परशुराम संवाद
3. आत्मकथ्य
4. उत्साह/अट नहीं रही
5. दंतुरित मुस्कान/फसल
6. संगतकार
7. नेता जी का चश्मा
8. बालगोबिन भगत
9. लखनवी अंदज़
- 10.एक कहानी यह भी
- 11.नौबतखाने में इबादत
- 12.संस्कृति

**कृतिका भाग -2**

1. माता का अंचल
2. साना-साना हाथ जोड़ि
3. मैं क्यों लिखता हूँ

## **SUPW**

Halfyearly

Art

5. Calligraphy
6. Optical illusion
7. Name design
8. Tree
9. Leaf impression
10. Madhubani painting
11. Poster
12. Amazing art

Craft

7. Jewelry making
8. Wall hanging
9. Best out of waste
10. Kulo art

Final Term

Art

5. Silhouette Art

6. Landscape

7. Monument drawing

Craft

Durga face

Decorative bottle with clay

# **GAMES**

## **Half yearly examination**

1. Warming up exercises - Running, head rotation, knee band, side band, wrist rotation, hip circle, leg stretching, forward bending, backward bending.
2. SAI Khelo India Fitness test – (A) 50 meter dash (B) Sit and reach (C) Shuttle run (D) standing broad Jump, (E) Ball throw.
3. Ground management knowledge - Basketball, Volleyball, Badminton.
4. Yoga poses- Tadasana, Trikonasana, Vrikshasana, padmasna, Vajrasana, ustrasna, gomukhasna, Paschimottanasana.
5. March past practice.
6. Skills of the games-
  - (A) Basketball- (passing dribbling, layup shot.)
  - (B) Volleyball (under hand service, upper hand service, smash service).
  - (C) Badminton (Long drive service, Fore hand stroke Back hand stroke).
  - (D) Throwball – serving, throwing, receiving.

## **Pre board exam**

1. Warming up exercises – side running, head rotation, knee band, side band, wrist rotation, hip circle, leg stretching, forward bending, backward bending.
2. SAI Khelo India Fitness test – (A) 50 meter dash (B) Sit and reach (C) Shuttle run (D) standing broad Jump, Ball throw.
3. Indoor games- Carrom, chess, Ludo, table tennis.
4. Match practice of outdoor games – Basketball, Volleyball, Badminton, Throwball, cricket.
5. Yoga asana practice- Bhujangasna, Vajrasana, padmasna, Paschimottanasana, Salabhasana, gomukhasna, Anulom Vilom, kapal bhati, Dayana.

## **LIFE SKILL**

<b>TERM</b>	<b>CHAPTERS</b>
<b>TERM 1</b>	<ol style="list-style-type: none"><li>1.Enhancing Emotional Intelligence</li><li>2.Maintaining and Respecting Boundaries</li><li>3. Emotional Abuse</li><li>4. Effective Relationships</li><li>5. Fake life vs Real Life</li></ol>
<b>TERM 2</b>	<ol style="list-style-type: none"><li>6. Social Media and Dating</li><li>7. Handling Breakups</li><li>8. Career Counselling</li><li>9. Sexual Harassment &amp; Assault</li><li>10. Identity &amp; LGBTQ</li></ol>