

# **ARYAVART ANCIENT ACADEMY**

**A SENIOR SECONDARY SCHOOL**

**KHORDHA**



**SYLLABUS 2025-26**

**STD - X**

**EXAM PATTERN**

	<b>PERIODIC ASSESSMENT- I</b>	<b>PERIODIC ASSESSMENT- II</b>	<b>PRE-BOARD</b>
<b>Full Marks</b>	FM- 40	FM- 80	FM- 80
<b>Chapters</b>	As per the syllabus	As per the syllabus & All chapters of PA-I	FULL SYLLABUS
<b>IA</b>		Internal Assessment- 20	Internal Assessment- 20



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## MATHEMATICS

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**Prescribed Book: NCERT BOOK**

### PERIODIC ASSESSMENT- I

Ch-1: Real numbers

Ch-2: Polynomials

Ch-3: Pair of linear equations in two variables

Activity: Pair of linear equations in two variables

### PERIODIC ASSESSMENT- II

Ch-4: Quadratic equations

Ch-5: Arithmetic progressions

Ch-6: Triangles

Ch-7: Coordinate Geometry

Ch-8: Introduction to Trigonometry

Ch-9: Some Applications of Trigonometry

Ch-10: Circles

Ch-11: Areas Related to Circles

Activity: Basic proportionality theorem and solution of Quadratic equation.

AP and its sum.

Length of tangents drawn from an External point to a circle.

**\* Including all chapters of PA-I**

### PRE-BOARD

Ch-12: Surface Areas and Volumes

Ch-13: Statistics

Ch-14: Probability

Activity:

**\* Full Syllabus**



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**ENGLISH**

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**Prescribed Book: Honey dew Textbook English**

**It so happened (MCB)**

**The Grammar caravan**

**PERIODIC ASSESSMENT- I**

Literature:	A letter to God Nelson Mandela: A Long walk to freedom Two Stories about flying
Poem:	Dust of snow Fire an Ice A Tiger in the Zoo How to tell wild Animals The Ball poem
MCB-	A Triumph of Surgery The Thief's Story The Midnight Visitor
Grammar:	Tenses, Gap Filling, Determiners
WRITING-	Formal letter
Activity:	Speech, Conversation, Role play

**PERIODIC ASSESSMENT- II**

Literature:	From the Diary of Anne Frank Glimpses of India Mijbil the Otter
Poem:	Amanda



	The Trees
	Fog
	The Tale of custard the Dragon
MCB-	A Question of Trust
	The making of a Scientist
Grammar:	Modals, Subject-Verb Concord, Editing, Sentence Transformation
WRITING-	Analytical Paragraph, Letter the Editor, Formal letter
Activity:	Debate, Extempore, Listening and speaking skills

**\* Including all chapters of PA-I**

**PRE-BOARD**

Literature:	Madam Rides the Bus
	The Sermon at Benares
Poem:	The Ann Gregory
	The proposal
MCB-	The Necklace
	Bholi
	The book that save the Earth
Grammar:	Reported speech, Gap filling
WRITING-	Analytical paragraph, Letter to the Editor
Activity:	Listening and speaking skills Art Integrated project work

**\* Full Syllabus**



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**ODIA**

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**Prescribed Book:** ସାହିତ୍ୟ ସିନ୍ଧୁ

**PERIODIC ASSESSMENT- I**

- ପଦ୍ୟ- ୧. ବନ୍ଦେ ଉତ୍କଳ ଜନନୀ  
୨. ଭୀମଙ୍କ ସିଂହନାଦ ରଢ଼ି
- ଗଦ୍ୟ- ୯. ଜନ୍ମଭୂମି
- ଗଛ- ୧୪. କାଠ
- ଏକାଙ୍କିକା- ୧୭. ପଞ୍ଚୁ
- ବ୍ୟାକରଣ- ବାକ୍ୟ ରୂପାନ୍ତର
- ରଚନା- ପରିବେଶ ସୁରକ୍ଷା
- ପତ୍ର- ସମ୍ପାଦକଙ୍କ ନିକଟକୁ ପତ୍ର ଲେଖ  
ମଧ୍ୟ ଦୋକାନ ଉଚ୍ଛେଦ ଦାବିକରି ସମ୍ବାଦପତ୍ର ସମ୍ପାଦକଙ୍କ ନିକଟକୁ ପତ୍ର  
ଲେଖ
- ପ୍ରକଳ୍ପ- ଚିତ୍ର ସହିତ କାଠର ଉପାଦେୟତା ଲେଖ ।

**PERIODIC ASSESSMENT- II**

- ପଦ୍ୟ- ୩. ରାଘବଙ୍କ ଲଙ୍କା ଯାତ୍ରାନ୍ତକୂଳ  
୪. ଚିଲିକାରେ ସାୟନ୍ତନ ଦୃଶ୍ୟ
- ଗଦ୍ୟ- ୧୦. ସଭ୍ୟତା ଓ ବିଜ୍ଞାନ
- ଗଛ- ୧୫. କାଳର କପୋଳ ତଳେ
- ବ୍ୟାକରଣ- ଅଶୁଦ୍ଧି ସଂଶୋଧନ , ରୁଡ଼ି
- ରଚନା- ଆଦର୍ଶ ଛାତ୍ର ଜୀବନ
- ଦରଖାସ୍ତ- ସମ୍ପାଦକଙ୍କ ନିକଟକୁ ପତ୍ର ଲେଖ -



"ମାନବ ସେବା ହିଁ ମାଧବ ସେବା" ପ୍ରକାଶ ନିମନ୍ତେ ସମ୍ବାଦପତ୍ର  
ସମ୍ପାଦକଙ୍କ ନିକଟକୁ ପତ୍ର ଲେଖ

ପ୍ରକଳ୍ପ- ସନ୍ଧ୍ୟାକାଳୀନ ପଲ୍ଲୀର ଦୃଶ୍ୟ ।

**\* Including all chapters of PA-I**

**PRE-BOARD**

ପଦ୍ୟ- ୫. ମଙ୍ଗଳେ ଅଇଲା ଉଷା

୬. ଜାଗ ବନ୍ଧନହରା

୭. ସର୍ବଂସହା ମାଟି

ଗଦ୍ୟ- ୧୧. ମାତୃଭାଷା ଓ ଲୋକଶିକ୍ଷା

୧୨. ନରେନ୍ ରୁ ବିବେକାନନ୍ଦ

ଗଳ୍ପ- ୧୬. ବେଲ ଅଶୁଷ୍ଟ ଓ ବଟବୃକ୍ଷ

ଏକାଙ୍କିକା- ୧୮. କୋଣାର୍କ

ବ୍ୟାକରଣ- ଛନ୍ଦ

ରଚନା- ବିଶ୍ୱଶାନ୍ତି ଓ ଭାରତ

ଦରଖାସ୍ତ- ସମ୍ପାଦକଙ୍କ ନିକଟକୁ ପତ୍ର ଲେଖ -

"ବନ୍ୟ ସମ୍ପଦ ସଂରକ୍ଷଣ" ପ୍ରକାଶ ନିମନ୍ତେ ସମ୍ବାଦପତ୍ର ସମ୍ପାଦକଙ୍କ  
ନିକଟକୁ ପତ୍ର ଲେଖ

ପ୍ରକଳ୍ପ- ଓଡ଼ିଶାରେ ଥିବା ପାଞ୍ଚଗୋଟି ମନ୍ଦିରର ଚିତ୍ର ସହିତ ବିବରଣୀ ପ୍ରଦାନ କର ।

**\* Full Syllabus**



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## HINDI

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Prescribed Book: वसंत , अमोली व्याकरण

### PERIODIC ASSESSMENT- I

गद्य विभाग-	बड़े भाई साहब
पद्य विभाग-	कबीर मीरा के पद
संचयन-	हरिहर काका (आधा)
व्याकरण-	पदबंध
परियोजना-	संपत्ति ही आपसी संबंधों में दरार लाता है (एक विवरण प्रस्तुत करें)

### PERIODIC ASSESSMENT- II

गद्य विभाग-	डायरी का एक पन्ना तताँरा वामिरो कथा अब कहाँ दूसरों के दुःख से दुःखी होने वाले
पद्य विभाग-	मनुष्यता पर्वत में पावस तोप
संचयन-	हरिहर काका सपनों के से दिन(आधा)
व्याकरण -	रचना के आधार पर वाक्य भेद , समास
परियोजना-	प्रकृति की सुंदरता की वर्णन पर स्वरचित कविता

\* Including all chapters of PA-I



### PRE-BOARD

गद्य विभाग-	पतझर मे टूटी पत्तियां, (झेन की देन) कारतूस
पद्य विभाग-	कर चले हम फिदा आत्म त्राण
संचयन-	टोपी शुक्ला
व्याकरण-	मुहावरा
परियोजना-	अपने बचपन की अनुभूतियों का साझा करें ।
लेखन-	अनुच्छेद लेखन औपचारिक पत्र विज्ञापन सूचना लिखन लघुकथा अथवा ई-मेल

\* Full Syllabus

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### SANSKRIT

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**Prescribed Book: NCERT (मणिका) & अभ्यासवान् भव**

#### PERIODIC ASSESSMENT- I

पाठ्यपुस्तक-	वाङ्मयं तपः नास्ति त्यागसमम् सुखं
व्याकरण-	सन्धयः अशुद्धि संशोधनम्



समयः  
समासाः  
चित्र लेखनम्  
अपठित अवबोधनम्  
Activity: समासाः विभागी करणं

### PERIODIC ASSESSMENT- II

पाठ्यपुस्तक- रमणीया ही सृष्टिः एषा  
आङ्ग्या गुरुणां हि अविचारणीया  
व्याकरण- प्रत्ययाः  
वाच्यपरिवर्तनम्  
अव्ययानि  
अनुच्छेद लेखनम् (पठितावबोधनम्)  
पत्र लेखनम्  
Activity: प्रत्ययाः वर्गी करणं

**\* Including all chapters of PA-I**

### PRE-BOARD

पाठ्यपुस्तक- अभ्यासवशगम् मनः  
राष्ट्रं संरक्ष्यमेव हि  
व्याकरण- अन्वय पूर्तिं श्लोकम् पूर्ति, प्रश्न निर्माणम्  
प्रसङ्गानुसारम् अर्थचयनं, पागधारित-कथापूर्ति  
Activity: गुरु विषये अनुच्छेद लेखनम्।

**\* Full Syllabus**



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## SCIENCE

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### Prescribed Book: NCERT SCIENCE

#### PERIODIC ASSESSMENT- I

**PHYSICS:** Ch-9: Light- Reflection and Refraction

Activity: 10.2 and 10.7

**CHEMISTRY:** Ch-1: Chemical Reactions and Equations

Activity: To find the pH of different substances.

**BIOLOGY:** Ch-5: Life Processes

Activity: Prepare a model of a respiratory system of human being.

#### PERIODIC ASSESSMENT- II

**PHYSICS:** Ch-10: The Human Eye and the Colourful World

Activity: 11.2

**CHEMISTRY:** Ch-2: Acids, Bases and Salts

Activity: Reaction of metals with acids.  
Combination reaction, decomposition reaction, displacement and double displacement reaction.

**BIOLOGY:** Ch-6: Control and Coordination

Ch-7: How do Organisms Reproduce?

Activity: Endocrine system  
Different modes of asexual reproduction.

**\* Including all chapters of PA-I**



## PRE-BOARD

**PHYSICS:** Ch-11: Electricity  
Ch-12: Magnetic Effects of Electric Current

Activity: 12.3, 13.4 and 13.5

**CHEMISTRY:** Ch-3: Metals and Non-metals  
Ch-4: Carbon and its Compounds

Activity: Study of reactivity series of metals.  
Preparation of soap, Saponification reaction.  
To study the properties of Acetic acid.

**BIOLOGY:** Ch-8: Heredity  
Ch-13: Our Environment

Activity: Mendelism

**\* Full Syllabus**

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## **SOCIAL SCIENCE**

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**Prescribed Book: NCERT**

### PERIODIC ASSESSMENT- I

History- Ch-1: Rise of Nationalism in Europe  
Activity: Map Work: Mark nationalist regions in Europe.  
Geo- Ch-1: Resources and development  
Activity: Map work: Different types of soil



- Pol Sc- Ch-1: Power sharing  
Activity: Draw & show the ethnic composition of Belgium & Sri Lanka
- Eco- Ch-1: Development  
Activity: GD on Development

### **PERIODIC ASSESSMENT- II**

- History- Ch-2: Nationalism in India  
Activity: Role Play: Act as freedom fighters.
- Geo- Ch-2: Forest and Wildlife Resources  
Ch-3: Water resources  
Ch-4: Agriculture  
Activity: Map work: Different Wildlife sanctuaries in India  
Different dams of India  
Different cropping pattern
- Pol Sc- Ch-2: Federalism  
Ch 3: Gender, Religion and Caste  
Activity: Make a list of scheduled languages of India  
GD : Explore how social categories impact political participation & representation in India
- Eco- Ch-2: Sectors of Economy  
Ch-3: Money and Credit  
Activity: GD : Analyse the role of credit for development  
Seminar: Sectors of economy

**\* Including all chapters of PA-I**

### **PRE-BOARD**

- History- Ch-3: The Making of a Global World  
Ch-4: The Age of Industrialization  
Ch-5: Print Culture and the Modern World



- Activity: Show key world trade events.  
Newspaper Project: Create a 19th-century newspaper.  
Book Cover Design: Design a historic book/magazine cover.
- Geo- Ch-5: Minerals and Energy Resources  
Ch-6: Manufacturing Industries  
Ch-7: Lifelines of National Economy
- Activity: Map work: Different minerals  
Different industries in India  
Major seaport & airports
- Pol Sc- Ch-4: Political Parties  
Ch-5: Outcomes of Democracy
- Activity: Prepare a project file on National & Regional Parties  
GD : Positive & negative impacts of democracy in a society
- Eco- Ch-4: Globalisation and The Indian Economy  
Activity: Seminar on Globalisation

### \* Full Syllabus

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## COMPUTER

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**Prescribed Book: Step by Step COMPUTER LEARNING  
(S. Chand Publication)**

### PERIODIC ASSESSMENT- II

- Ch-1 Internet  
Ch-2 Web Application  
Ch-3 Mobile Networks
- Activity: Project work, Practical

**PRE-BOARD**

Ch-4 HTML Fundamentals

Ch-5 Cyber Safety

Activity: Project work, Practical

**\* Full Syllabus**

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**PAINTING**

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**Prescribed Book:** Vishal Publication**PERIODIC ASSESSMENT- II**

Fundamentals of Visual Arts (The Elements)

Methods and Materials of Painting

Story of Indian Art (Painting)

Activity: Pencil sketches 4 pc

Poster colour 4 pc

**PRE-BOARD**

Story of Indian Art:

(a) Sculpture

(b) Architecture

(c) Indian Folk Art

Activity: Oil pastel 4 pc

**\* Full Syllabus**



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## HPER

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### A. GAMES/SPORTS\*

1. Athletics
2. Basketball
3. Badminton
4. Cricket
5. Football
6. Table Tennis
7. Taekwondo
8. Kho- Kho
9. Kabaddi
10. Volleyball
11. Ludo
12. Chess
13. Carrom
14. Yoga & Meditation
15. Indigenous Games

### B. HEALTH'S AND FITNESS

### C. FITNESS TESTS

### D. SEWA

### E. Annual Sports Activities.

Athletics: - 1. Running ((100M, 200 m, 400 M, 800 M,1500 m, 5000 m, & Relay Race)

2. Jumping (Long jump, High Jump)

3. Throwing (Shot Put, Discus throw, Javelin throw)