

# **ST. JOHN'S SCHOOL**



**CLASS - X**  
**SYLLABUS [2024 - 2025]**

**Vianney Nagar, P.O. : Dhankuda**  
**Dist. : Sambalpur, Odisha - 768006**

## CLASS - X

### English Language

**1. Negative/Affirmative**

No sooner.....than

Hardly had ....when

Neither.....nor

Neither

Unless

None

Never

No other

Lest

Not with standing

So.... That

Nevertheless

**2. Parts of speech (Transformation)**

**3. Agreement of verb with Subject**

**4. Simple, Compound & Complex Sentences**

**5. Forms of verb**

**6. Active/Passive**

**7. Direct and Indirect**

**8. Question Tag**

**9. Prepositions**

**10. Conjunctions**

**11. Tenses**

**12. Transformation of sentences**

**13. Notice/ Email**

**14. Letter (Formal & Informal)**

**15. Comprehension Passage**

**16. Essay**

## English Literature

### Quarterly Examination

- 1) Haunted Houses - Poem
- 2) The Glove and the Lines - Poem
- 3) With the Photographer - Prose
- 4) The Elevator - Prose
- 5) Julius Caesar :- Act 3 Scenes – 1, 2, 3

### Half yearly Examination

- Who Great Trees fall - Poem
1. A Considerable speak - Poem
  2. The Girl who can - Prose
  3. The Pedestrian - Prose
  4. Julius Caesar - Act IV, Scenes I, II, III and Act V Scenes I

### Annual Examination

- 1) The Power of Music - Poem
- 2) The last lesson – Prose

### Quarterly Examination

- 1) Structure of chromosomes, cell cycle & cell Division
- 2) Absorption by Roots
- 3) Transpiration
- 4) Photosynthesis
- 5) Chemical Codeclinations in Plants
- 6) Population

### Half yearly Examination

- 1) Structure of chromosomes, Cell cycle & Cell Division
- 2) Genetics
- 3) Absorption by Roots
- 4) Transpiration
- 5) Photosynthesis
- 6) The Circulatory system
- 7) The Excretory system
- 8) The Nervous system
- 9) Sense Organas

(Including Quarterly)

### Annual Examination

Full Syllabus

## Mathematics

### Quarterly Examination

- 1) Goods and Service Tax (GST)
- 2) Banking
- 3) Linear Inequation
- 4) Quadratic Equation
- 5) Reflection
- 6) Similarity
- 7) Arithmetic Progression
- 8) Geometric Progression

### Half yearly Examination

- 10) Shares and dividends
- 11) Ratio Proportion
- 12) Remainder and factor Theorem
- 13) Section and Midpoint formula
- 14) Equation of line
- 15) Circles
- 16) Loci
- 17) Cylinder cone and Sphere  
(Including Quarterly Portion)

### Annual Examination

- 18) Matrix
- 19) Tangents and Intesgcting chords
- 20) Construction
- 21) Trigonometrical Identities
- 22) Height and distance
- 23) Graphical Representation
- 24) Measure of Central Tendency
- 25) Probabilty

## Computer

### Quarterly Examination

- 1) Revising Basic Java Concepts
- 2) Class as Basis of All computation
- 3) User Defined Methods

### Half yearly Examination

- 1) Constructors
  - 2) Using Library classes
  - 3) Encapsulation
  - 4) Arrays
- Including Quarterly)**

### Annual Examination

- 1) String Handling
- Including Quarterly and Half-yearly)**

## **Economic Application**

### **Quarterly Examination**

- 1)Elementary Theory of Demand
- 2)Elasticity of Demand
- 3)Theory of supply
- 4)Elasticity of supply

### **Half yearly Examination**

- 5)Factors of production
- 6)Nature and structure of markets  
(Including Quarterly Portion)

### **Annual Examination**

- 7)The state and Economic Development
- 8)Meaning and functions of money
- 9)Commercial Banks
- 10)Central Banks
- 11)Inflation  
(Per-board exam includes all chapters)

## Physics

### Quarterly Examination

- 1) Force
- 2) Work Energy Power
- 3) Machines
- 4) Refraction of Light at Plane surfaces
- 5) Refraction through a lens
- 6) Spectrum

### Half yearly Examination

- 7) Current Electricity
- 8) Household Circuits
- 9) Electromagnetism
- 10) Calorimetry
- 11) Radioactivity  
(Including Quarterly)

### Annual Examination

- 12) Spectrum
- 13) Sound  
(Including Quarterly and Half Yearly)

**Chemistry****Quarterly Examination**

- 1) Periodic Table
- 2) Chemical Bonding
- 3) Acid Bases and Salt
- 4) Amalthea Chemistry

**Half yearly Examination**

- 5) More concept and stoichiometry
- 6) Electrolysis
- 7) Metallurgy
- 8) Study of compounds:
  - a) Hydrogen Chloride
  - b) Ammonia
  - c) Nitric Acid
  - d) Sulphuric Acid(Including Quarterly Portion)

**Annual Examination**

- 9) Organic Chemistry  
(Including Quarterly and Half Yearly)



## **Biology**

### **Quarterly Examination**

- 1) Structure of chromosomes, cell cycle & cell Division
- 2) Absorption by Roots
- 3) Transpiration
- 4) Photosynthesis
- 5) Chemical Cordination in Plants
- 6) Population

### **Half yearly Examination**

- 1) Structure of chromosomes, Cell cycle & Cell Division
- 2) Genetics
- 3) Absorption by Roots
- 4) Transpiration
- 5) Photosynthesis
- 6) The Circulatory system
- 7) The Excretory system
- 8) The Nervous system
- 9) Sense Organas  
(Including Quarterly)

### **Annual Examination**

Full Syllabus

## **Economic Application**

### **Quarterly Examination**

- 1) Elementary Theory of Demand
- 2) Elasticity of Demand
- 3) Theory of supply
- 4) Elasticity of supply

### **Half yearly Examination**

- 5) Factors of production
- 6) Nature and structure of markets  
(Including Quarterly Portion)

### **Annual Examination**

- 7) The state and Economic Development
- 8) Meaning and functions of money
- 9) Commercial Banks
- 10) Central Banks
- 11) Inflation  
(Per-board exam includes all chapters)

## **Physical Education**

### **Part -I -Sec- A**

- 1) Human Growth Development
- 2) Physical Education
- 3) Body Types
- 4) Physical Fitness
- 5) Sports Training
- 6) Safety in Sports
- 7) Health Education
- 8) Careers in Physical Education

### **Sec-B**

- 1) Cricket
- 2) Football
- 3) Hockey
- 4) Basketball
- 5) Volleyball
- 6) Badminton

### **QUARTERLY EXAM**

- 1) Human Growth an Development
- 2) Physical Education
- 3) Body Types

### **HALF YEARLY EXAM**

- 1) Physical Fitness
- 2) Sports Training
- 3) Safety in Sports
- 4) Career in Physical Education  
(Including Quarterly Portion)

## History & Civics

### Quarterly Examination

- 1) The Indian National Movement (1857-1917)
- 2) The First war of Independence – 1957
- 3) Growth of Nationalism
- 4) First Phase of I N M
- 5) Second Phase of I N M
- 6) The Muslim League

### Civics

- 1) The Union Parliament
- 2) The President and the Vice- President

### Half yearly Examination

- 1) Mass Phase of the National Move [1915-47]
- 2) Mahatma Gandhi and the National Movement
- 3) Quit India Movement
- 4) Forward Block and the I N A
- 5) Independence and Partition
- 6) United Nations
- 7) Major Agencies of the United Nation
- 8) Non-Aligned Movement

### Civics

- 1) Prime-Minister and the Council of Minister
- 2) The Supreme court
- 3) The High court
- 4) The First world war
- 5) Rise of Dictatorship
- 6) The Second world war

## Geography

### Quarterly Examination

#### Topsheet

- a) Four and six Grid reference
- b) Scale
- c) Distance
- d) Direction
- e) Area
- f) Settlement
- g) Drainage
- h) Transport

### Map In India

- 1 ) Mountains, Peaks and Plateaus
- 2) Plains / Desert
- 3) Rivers
- 4) Water bodies
- 5) Passes
- 6) Latitude and Longitude
- 7) Climate
- 8) Soil Natural Vegetation
- 9) Water Resource
- 10) Natural Vegetation

### Half yearly Examination

#### Topsheet

Full Syllabus

- 1) Mineral Resources
- 2) Conventional sources of Energy
- 3) Non- Conventional sources of Energy
- 4) Agro-based Industry
- 5) Mineral based Industry
- 6) Transport
- 7) Waste Management

Pre-Board Agriculture – I, II, III, IV

**Class-10- SUPW**

- 1- Pot Design
- 2- How to use newspaper in craft on painting
- 3- Warley painting
- 4- Photo Collage
- 5- 3D Flower making and composition
- 6- 3D Design

## Hindi

### Quarterly Examination

1. संस्कार और भावना
2. बहू की विदा
3. व्याकरण- व्यावहारिक व्याकरण, पत्रलेखन, निबंध

### Half yearly Examination, including Quarterly Exam Portion

1. मातृभूमि का मान
2. सूखी डाली
3. व्याकरण- व्यावहारिक व्याकरण, पत्रलेखन, निबंध

### Annual Examination including Half yearly portion

1. महाभारत की एक साँझ
2. दीपदान
3. व्याकरण- व्यावहारिक व्याकरण, पत्रलेखन, निबंध

## Odia

### Quarterly Examination

- ୧) ସମାକ୍ରମସରଳରେଖା
- ୨) ନୀଳମାଷ୍ଟରାଣୀ
- ୩) ମଣିକାନ ଯୋଗ
- ୪) ଧୂଳିଆବାବା
- ୫) କାଲିଜାଲ
- ୬) ଚନ୍ଦା, ପତ୍ରଲିଖନ, ଦରଖାସ୍ତ, ପରିଚ୍ଛେଦ, ବ୍ୟାକରଣ

### Half yearly Examination

- ୧) ଆଙ୍ଗୁଠି
- ୨) ବନ୍ଦୀରବିରହବ୍ୟାଥା
- ୩) ଖଦେପାତିକା
- ୪) ଶିକାର
- ୫) କୃପାଣ
- ୬) ରଚନା, ପତ୍ରଲିଖନ, ଦରଖାସ୍ତ, ପରିଚ୍ଛେଦ, ବ୍ୟାକରଣ

### Annual Examination

All lessons

ରଚନା, ପତ୍ରଲିଖନ, ଦରଖାସ୍ତ, ପରିଚ୍ଛେଦ, ବ୍ୟାକରଣ