



**CONVENT OF JESUS & MARY , DEHRADUN**  
**SYLLABUS FOR ONLINE UNIT TEST-II DECEMBER 2020**

**SESSION 2020-2021**

**CLASS IX**

**1. ENGLISH LANGUAGE**

Essay writing ( Narrative and Argumentative)  
Letter writing (Formal and Informal)

**2. ENGLISH LITERATURE**

Old Man at the Bridge  
An Angel in Disguise  
After Blenheim

**3. HINDI**

**Sahitya Sagar**

Paath-Netaji ka Chashma

**Ekanki Sanchaya-**

Bahu kivida

**Vyakaran**

Apathit/Patra lekhan

Nirdeshanusar Vakya Parivartan

**4. MATHEMATICS**

Chapter 8- Indices

Chapter 17- Trigonometrical ratio

Chapter 18- Trigonometrical ratio of standard angles

**5. HISTORY**

Jainism and Buddhism

The Mauryan empire

The age of the Guptas

Election and election commission

**6. GEOGRAPHY**

Chapter 8. Earthquakes

Chapter 9. Weathering



## **7. PHYSICS**

Chapter 1- Measurements and experimentation  
Chapter 4- Pressure in fluids and atmospheric pressure  
Chapter 5- Current electricity

## **8. CHEMISTRY**

Chapter 4- Atomic structure and chemical bonding  
Chapter 5- The periodic table

## **9 .BIOLOGY**

Seed structure and germination  
Respiration in plants  
Nutrition

## **10. COMPUTER APPLICATION**

Chapter 5 Operators and Expressions (pg 82-pg92)  
Chapter 7 Input in Java

## **11. FINE ARTS**

A healthy stem of **MONEY PLANT**.  
A healthy stem of **SUNFLOWER** with some leaves and buds.  
A healthy stem of **PETUNIA** with some leaves and buds.  
A healthy stem of **ROSE** with some leaves and buds.  
A healthy **PAPAYA**( one full and the other half cut papaya from the center)

## **12. HOME SCIENCE**

Chapter 7- Choosing a Home  
Conservation of Gas, Electricity and Water

## **13.ECONOMICS**

Secondary Sector- Industry  
Industrialization  
Waste management



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**CLASS XI**

**1. ENGLISH LANGUAGE**

- Descriptive, Argumentative and Reflective Compositions
- Newspaper Report

**2. ENGLISH LITERATURE**

**The Tempest**

- Act 1 Scene 1 and 2
- Act 2 Scene 1 till page 32

**3. PHYSICS**

- Unit 4 - Work ,Power and Energy
- Unit 6- Gravitation

**4. CHEMISTRY**

- Structure of Atom ( Chapter-2)
- Classification of Elements and periodicity in properties.(Chapter-3)

**5. ACCOUNTS**

- Ledger
- Sub-division of Journal

-Cash book/Purchase Book /Sales Book

-Purchase Return/Sales Return

- Bank Reconciliation Statement

**6. COMMERCE**

- Joint Stock company
- Trade
  - Inland and International Trade
  - Wholesalers/Retailers
  - Types of Retailers



## 7. HISTORY

- Gandhian Nationalism( 1927 – 1934)
- The Great Depression
- Rise of Communism: Russia( 1917 – 1939)
- Rise of Fascism: Italy( 1919 - 1939)

## 8. PSYCHOLOGY

- Attention and Perception
- Motivation

## 9. MATHS

- Ch8 Mathematical Induction
- Ch 9 Complex numbers
- Ch15 Basic concepts of points and their coordinates

## 10. HINDI

### व्याकरण-

- मुहावरे के वाक्य बनाना
- अशुद्ध वाक्यों को शुद्ध करना |

### साहित्य-

#### पुस्तक-गद्यसंकलन

पाठ-शरणागत

#### पुस्तक-काव्यमंजरी

कविता-बाल-लीला

## 11. BIOLOGY

- KINGDOM PROTISTA
- KINGDOM FUNGI
- KINGDOM PLANTAE-(i) Algae (ii) Bryophytes (iii) Pteridophytes

## 12. COMPUTERSCIENCE

- Chapter -1 Data Representation.
- Chapter-12 Operations on Files.



### 13. ECONOMICS

- Parameters of Development
- Sustainable Development
- NITI Ayog
- Structural Changes in the Indian Economy after Liberalisation

### 14.HOME SCIENCE

- Unit 3 – Storage And Preservation Of Food
  - I. Causes Of Food Spoilage
  - II. Storage of Foods, Perishable, Semi perishable And Non-Perishable Foods, Convenient Foods, Their Merits and Demerits.
  - III. Food Preservation:Need,Importance, Principle And Methods.
- Unit 4 - Resource Management
  - I. Resources (Human, Non-Human and Shared Community Resources).
  - II. Management of Resources, Need and Importance of Management, Decision Making.
  - III. Conservation Of Shared Resources
  - IV. Time and Energy Management.

### 15.FINE ARTS

#### **DRAW AND COLOUR THE FOLLOWING NATURE STUDY**

- Healthy stems of **SNAKE PLANT**.
- A healthy stem of flower **LILY** with some leaves and buds.
- A healthy stem of flower **HYDRANGEA** with some leaves and buds.
- A healthy stem of flower **CHRYSANTHEMUM** with some leaves and buds.
- A healthy **SUGAR APPLES/ CUSTARD APPLES** ( one full and the other half cut sugar apple from the center)