



# ST. CONRAD'S INTER COLLEGE, AGRA

## SYLLABUS FOR ACADEMIC SESSION 2024-25

### CLASS – VII

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#### **Moral science**

Half Yearly Examination

Ch-1 Contentment

Ch-2 Fitness

Ch-3 Dreams

Ch-4 Patriotism

Ch-5 Good friends are blessings from God Final term Examination

Ch-6 Managing Time

Ch-7 Morality

Ch-8 Hardwork really pays

Ch-9 Teacher is shaping the society Ch-10 Managing the social sites

#### **General knowledge**

Half Yearly Examination

Page no. 7,11,13,15,17,18,19,21,23,24,25,27 and 31.

Final term Examination

Page no. . 38,39, 43,45,46,4V,51,52,53,59,64 and 68.

#### **Geography**

Unit Test 1

Ch 1 Representation of Geographical features

Half yearly

Ch 2 Atmosphere

Ch 3 Weather and Climate

Ch 8 Africa

Ch 10 Antarctica

Unit Test 2

Ch 4 Weathering

Ch 7 Europe

Final Year

Ch 5 Industries

Ch 6 Energy

Ch 9 Australia

#### **English Literature**



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#### Unit Test 1

Ch 1- The Lottery Ticket

Poem- The Fisherman

#### Half-Yearly

Ch 2- Pushing the Limits

Ch 3- An Unusual Holiday

Ch 4- A Journey to Recovery

Poem- Indian Weavers

#### Unit Test 2

Ch 5 – Monday Morning

Poem- The Brook

#### Annual Exams

Ch 7- An Uncomfortable Bed

Ch 8- The Radium Woman

Poem- Leisure

Ch 3- An Unusual Holiday( Repeated)

#### English Language

##### Unit Test -1

Ch-1,6,7,8, Composition

##### Half-Yearly

Ch- 4,5,6,7,8,10,11,12,14,15,21, Unseen passage, Composition, Formal letter

##### Unit Test -2

Ch- 13,17 ,Notice writing

##### Annual Exams

Ch- 3,5,9,15,16,17,19,20, Unseen passage, Composition, Formal & Informal letter

#### Biology

Half yearly

Chapter 2, 4

U. T. 2

Chapter 7

Final term

Chapter 3,5,6

#### Chemistry

Unit Test 1



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Ch1 Matter and Its composition

Half yearly

Ch 2 Physical and Chemical Changes

Ch3 Elements, Compounds and Mixtures

Unit Test 2

Ch 4 Atomic Structure

Ch7 Air and Atmosphere

Final Term

Ch 5 Language of Chemistry

Ch6 Metals and Non -metals

## **Physics**

### **UNIT TEST 1**

CHAPTER 1 – PHYSICAL QUANTITIES AND MEASUREMENT

### **HALF YEARLY**

CHAPTER 2 – FORCE AND PRESSURE : MOTION

CHAPTER 3 – ENERGY

CHAPTER 4 - LIGHT

### **UNIT TEST 2**

CHAPTER 5 – HEAT

### **ANNUAL TERM**

CHAPTER 6 – SOUND

CHAPTER 7 – ELECTRICITY AND MAGNETISM

## **History and civics**

Unit test 1

(History)

Lesson 1 Rise and spread of Christianity

Half yearly

Lesson 2 Rise and spread of Islam: It's Impact



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Lesson 3 The Turkish Invasions

Lesson 4 The Mamluk Dynasty

Lesson 5 Government , Society and Culture Under the Delhi Sultanate  
Civics)

Lesson 1 The Constitution of India

Unit test 2

Lesson 6 The Vijaynagar And Bahamani Kingdoms  
Civics

Lesson 2 The fundamental rights and duties

Annual exam

Lesson 7 The Early Mughals

Lesson 8 Akbar the great

Lesson 9 Jahangir, Shah Jahan, Aurangzeb and Later Mughals  
Civics

Lesson 3 The Directive principles of state Policy

### Drawing

First Term:-

Front page of file

- Still Life page no. - 18
- Nature Study page no. – 21,22
- Abstract Art page no. - 57
- Silhouette page no. - 63
- Land Scape (colour) page no.- 66
- Land Scape (pencil) page no. - 67

Note:- Rest of the pages in Second term

### Robotics

UNIT- I	
Session 1	Teacher's first intraction with class
Session 2	Rules of Lab & Ice Breaker activity
Session 3	Introduction to Robotics
Session 4	Introduction to Kits & Qbrick
Session 5	<b>Bonus Project - Lynna's RC car</b>



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Session 6	Building of model and working explanation
Session 7	Coding of model
Session 8	Use of Sensors & Actuators / Theory
Session 9	Testing RC car
<b>SEMESTER- I</b>	
Session 9	<b>Project 1 - Lyanna's Light Avoider</b>
Session 10	Building of model
Session 11	Coding of model
Session 12	Use of Sensors & Actuators / Theory
Session 13	Testing of Light Avoider
Session 14	<b>Project 2 - Blake's Basketball counter</b>
Session 15	Building of model
Session 16	Coding of model
Session 17	Use of Sensors & Actuators / Theory / written work
Session 18	Testing of Basketball counter
<b>UNIT- II</b>	
Session 19	<b>Project 3- Doora's Door Alarm</b>
Session 20	Building of model
Session 21	Coding of model
Session 22	Use of Sensors and Actuators / Theory / Written work
Session 23	Testing of model
Session 24	Testing Door alarm
<b>SEMESTER- II</b>	
Session 25	<b>Project 4- Principal Victor's Voting machine</b>



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Session 26	Building of model
Session 27	Coding of model
Session 28	Use of Sensors and Actuators/ Theory
Session 29	Testing of model
Session 30	Testing Voting machine

Computer Syllabus  
Session (2024-25)  
Class VII

<u>Unit Test I:</u>	<u>Half Yearly Examination:</u>
* Ch-2 Number System * Robotics * Importance of Coding in Future	*Ch-3 Computer virus *Ch-4 Ethics and Safety Measures in Computer Worksheet -2 *Java Programming: if-else-if, Nested if & outputs
<u>Unit Test II:</u>	<u>Annual Examination:</u>
* Ch-1 Anatomy of Computer * A Brief Introduction About ChatGPT * A Glimpse of Artificial Intelligence(AI) Worksheet 1 *Java Programming: Switch case	*Ch-5 All about Spreadsheet *Ch-6 Database & DBMS *Java Programming : if-else-if , for looping (Introduction) & outputs Worksheet 3
*Work done in C.W. and Helping Notebook to be included in Tests/Exams.	

**CLASS VII MATHEMATICS SYLLABUS(2024-25)**

**FIRST UNIT TEST**

**CHAPTER 2 FRACTIONS AND DECIMALS**

**HALF YEARLY EXAMINATION**

**CHAPTER 1 INTEGERS**

**CHAPTER 3 RATIONAL NUMBERS**



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**CHAPTER 6 RATIO, PROPORTION AND UNITARY METHOD**

**CHAPTER 7 SPEED, DISTANCE AND TIME**

**CHAPTER 8 PERCENTAGE AND ITS APPLICATIONS**

**CHAPTER 12 TRIANGLES AND ITS PROPERTIES**

**CHAPTER 13 CONGRUENCE OF TRIANGLES**

**CHAPTER 15 SYMMETRY**

**SECOND UNIT TEST**

**CHAPTER 9 ALGEBRAIC EXPRESSIONS**

**CHAPTER 10 LINEAR EQUATIONS AND LINEAR INEQUALITIES**

**ANNUAL EXAMINATION**

**CHAPTER 4 EXPONENTS AND POWERS**

**CHAPTER 5 SETS**

**CHAPTER 11 LINES AND ANGLES**

**CHAPTER 14 THREE-DIMENSIONAL SHAPES**

**CHAPTER 16 PRACTICAL GEOMETRY**

**CHAPTER 17 PERIMETER AND AREA**

**CHAPTER 18 DATA HANDLING**



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### CLASS – VII

#### Hindi Syllabus of Class VII (Session: 2024-25)

##### Unit Test 1

- दिशा- पाठ 2 मधुर भाषण  
अदिति- पाठ 1 भाषा, बोली, लिपि और व्याकरण

##### Half Yearly Examination

- दिशा- पाठ 3 डॉ. सर्वपल्ली राधाकृष्णन  
पाठ 4 पुरस्कार  
पाठ 5 कोयल (कविता)  
पाठ 6 तीर्थयात्रा  
पाठ 9 खज़ाना

- अदिति- पाठ 10 लिंग  
पाठ 11 वचन  
पाठ 12 कारक  
पाठ 21 विराम चिह्न

- अनेकार्थी शब्द - अर्थ से आदि तक  
एकार्थी प्रतीत होने वाले शब्द- 1 से 10 तक  
अनेक शब्दों के लिए एक शब्द- 1 से 20 तक  
समूहवाची शब्द - पूरे  
अपठित गद्यांश  
चित्र-वर्णन और कहानी लेखन  
अनुच्छेद लेखन  
पत्र-लेखन- औपचारिक और अनौपचारिक

##### Unit Test 2

- दिशा- पाठ 10 अन्याय का विरोध  
पाठ 11 गौरा  
पाठ 13 समर्पण (कविता)

- अदिति- पाठ 15 क्रिया  
पाठ 16 काल  
पर्यायवाची शब्द - आनंद से स्त्री तक  
विलोम शब्द - पाप से भूत तक

##### Final Examination

- दिशा- पाठ 14 बालक चंद्रगुप्त  
पाठ 15 एक पैसा और एक मिनट  
पाठ 16 नर और निराशा (कविता)  
पाठ 17 काबुलीवाला

- अदिति- पाठ 9 संज्ञा  
पाठ 13 सर्वनाम  
पाठ 14 विशेषण  
पाठ 19 वाक्य

- अनेकार्थी शब्द - कर से विधि तक  
एकार्थी प्रतीत होने वाले शब्द- 11 से 20 तक  
अनेक शब्दों के लिए एक शब्द- 21 से 40 तक  
ध्वनिबोधक शब्द - पूरे  
अपठित गद्यांश  
विज्ञापन लेखन  
निबंध लेखन  
पत्र-लेखन - औपचारिक और अनौपचारिक

## Sanskrit

First unit test

पाठ१-एषः/एषा/एतत्

धातु -रूप भू (होना) लट्/ लङ्गलकार

First term syllabus





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पाठ२-मातामहस्य गृहम् अगच्छम्

पाठ५- असत्यस्य परिणामः

पाठ६- प्रियं भारतम्

पाठ७- सिंहः मूषकः च

पाठ८- प्रहेलिकाः

शब्द रूप -बालिका (आकारांत) स्त्रीलिंग

मुनि (इकारांत)पुर्लिंग

धातु रूप- गम्( जाना) लट्,लृट् ओर लोट् लकार

Second unit test

पाठ ९-नृत्यकला

पाठ१०- पर्यावरण प्रदूषणम्

धातुरूप -पा (पीना) लट्,लोट् लकार

Final term syllabus

पाठ 11 गंगा नदी

पाठ 12 सूक्तयः

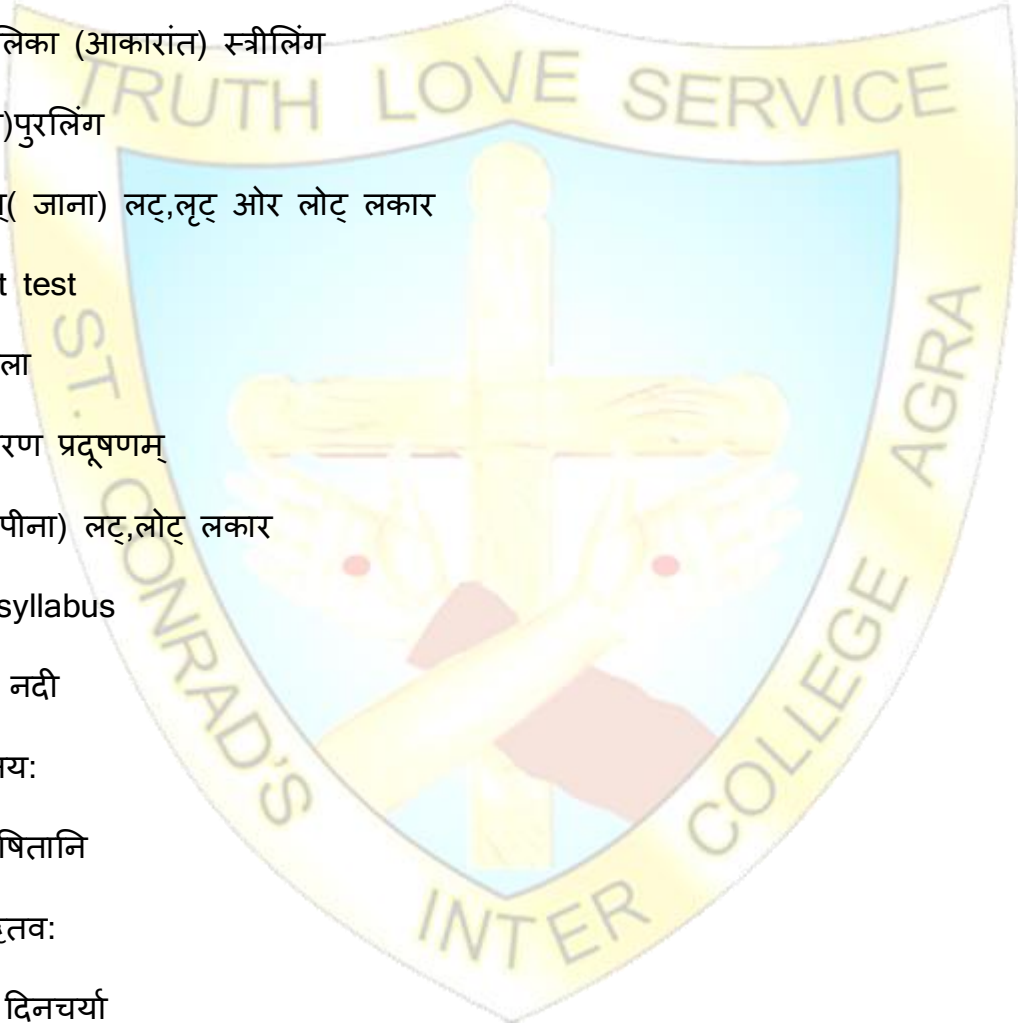
पाठ 14 सुभाषितानि

पाठ 15 षड्भूतवः

पाठ 18 मम दिनचर्या

शब्दरूप -मति (इकारांत)स्त्रीलिंग, एतत् यह(पुं)

धातुरूप- अस् (होना) लट् ,लोट् औरलृट्





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