



# ST. CONRAD'S INTER COLLEGE

(Affiliated to the Council for the Indian School Certificate Examinations, New Delhi)

Sikandra P.O. Agra - 282007, U.P. Ph: 0562-2605101, 7060416370

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## SYLLABUS FOR CLASS 8 FOR THE SESSION 2019-20

### SYLLABUS FOR I, II & III TERM

#### MATHEMATICS

#### TERM 1

L-3-Square and square roots, cube and cube roots

L-4-Playing with numbers

L-6-Percentage

L-9-Alg. Expressions

L-11-Understanding Shapes

#### TERM 2

L-1-RATIONAL NUMBERS

L-2-EXPONENTS AND POWERS

L-5-SETS

L-10-LINEAR INEQUATIONS

L-12-PRACTICAL GEOMETRY

L-13-SYMMETRY, REFLECTION AND ROTATION

L-16-MENSURATION

#### TERM 3

L-7-SIMPLE AND COMPOUND INTEREST

L-8-DIRECT AND INVERSE VARIATION

L-14-CIRCLES

L-15-REPRESENTING 3D IN 2D



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## L-17-DATA HANDLING

### CHEMISTRY

#### TERM 1

L-1 THE LANGUAGE OF CHEMISTRY

L-2 CHEMICAL CHANGE & REACTIONS(2.1,2.2,2.4)

L-3 WATER(TILL 3.3)

#### TERM 2

L-2-CHEMICAL CHANGES AND REACTIONS

L-8-ATMOSPHERIC POLLUTION

#### TERM 3

L-4-ATOMIC STRUCTURE AND CHEMICAL BONDING

L-1-THE LANGUAGE OF CHEMISTRY

L-2-CHEMICAL CHANGES AND REACTIONS

### PHYSICS

#### TERM 1

1.MATTER

2.FORCE AND PRESSURE

3.SOUND

#### TERM 2

L-3-FORCE AND PRESSURE

L-6-HEAT TRANSFER



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## **L-7-SOUND**

### **TERM 3**

#### **L-5-LIGHT ENERGY**

#### **L-8-ELECTRICITY**

### **BIOLOGY**

#### **TERM 1**

#### **L-1 INTRODUCING BIOLOGY**

#### **L- 2 CELL**

#### **L- 3 TISSUES**

#### **L-19 WASTE GENERATION & MANAGEMENT**

#### **UNIT-1 Pg-6-9 , 15 - 17**

#### **UNIT-2 Pg-9 -14(STRUCTURE OF CELL)**

#### **UNIT-3 PLANT TISSUES**

#### **UNIT-4 ANIMAL TISSUES**

#### **UNIT-5 L-1 AND 19**

#### **TERM 2**

#### **L-4-THE FLOWER**

#### **L-5-POLLUTION AND FERTILIZATION**

#### **L-6-SEEDS- STRUCTURE AND GERMINATION**

#### **L-18-HEALTH ORGANISATIONS**

#### **TERM 3**





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## **L-8-FIVE KINGDOM CLASSIFICATION**

## **L-9-ECONOMIC IMPORTANCE OF BACTERIA AND FUNGI**

## **L-15-HYGIENE- (A KEY TO HEALTHY LIFE)**

## **L-2-CELL: THE UNIT OF LIFE**

## **L-18-HEALTH ORGANISATIONS**

## **HISTORY**

### **TERM 1**

#### **L-1 BEGINNING OF THE MODERN WORLD**

#### **L-2 THE REFORMATION**

#### **L-3 THE INDUSTRIAL REVOLUTION**

#### **L-6 THE AMERICAN WAR OF INDEPENDENCE**

#### **CIVICS- L-1 THE UNION LEGISLATURE**

#### **L-2 THE UNION EXECUTIVE**

### **TERM 2**

#### **L-7-RISE OF INDEPENDENT/REGIONAL KINGDOMS**

#### **L-8-TRADERS TO RULERS-1**

#### **L-9-TRADERS TO RULERS-2**

#### **L-10-BRITISH POLICIES AND EFFECTS**

## **CIVICS**

#### **L-3-THE JUDICIARY**

## **HISTORY**

### **TERM 3**

#### **L-11-THE GREAT UPRISING OF AD 1857**



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## **L-12-SOCIO-RELIGIOUS REFORMS**

## **L-13-FIRST PHASE- INDIA'S STRUGGLE FOR FREEDOM**

## **L-14-SECOND PHASE- INDIA'S STRUGGLE FOR FREEDOM**

## **CIVICS**

## **L-1-OUR PARLIAMENT- UNION LEGISLATURE**

## **L-4-THE UNITED NATIONS (ORGANISATIONS)**

## **ENGLISH LANGUAGE**

### **TERM 1**

### **L-1 SENTENCE AND PHRASES**

### **L-2 NOUN AND PRONOUN**

### **L-3 ADJECTIVES AND DEGREE OF COMPARISON**

### **L-4 ARTICLES AND DETERMINERS**

### **L-5 VERB-INFINITIVES**

### **L-6 VERBS-GERUNDS AND PARTICIPLES**

### **L-8 SUBJECT VERB AGREEMENT**

### **L-13 ACTIVE AND PASSIVE VOICE**

### **L-23 COMPREHENSION**

### **L-25 NOTICE WRITING**

### **L-30 ESSAY WRITING**

### **L-26 LETTER WRITING**

### **TERM 2**

### **L-5-MODAL VERBS (AUXILLARY VERBS)**



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**L-6-TRANSFORMATION OF SENTENCES**

**L-7-THE NON-FINITES:INFINITIVES, GERUNDS AND PARTICIPLES**

**L-8-THE CONDITIONALS**

**L-18-ENGLISH IDIOMS COME HANDY**

**L-15-PICTURE COMPOSITION**

**L-12-READING COMPREHENSIONS**

**L-MESSAGE WRITING**

**TERM 3**

**L-9-INTERROGATION DEVELOPING QUESTIONS**

**L-10-REPORTED SPEECH- AN OVERVIEW**

**L-11-ACTIVE AND PASSIVE- AN OVERVIEW**

**L-12-READING COMPREHENSIONS**

**L-16-WRITING FOR OFFICIAL MEETINGS**

**L-4-SENTENCE STRUCTURE- SIMPLE, COMPLEX AND COMPOUND**

**L-6-TRANSFORMATION OF SENTENCES**

**L-STORY WRITING**

**ENGLISH LITERATURE**

**TERM 1**

**L-1 THE ENCLOPEDIA OF ALL KNOWLEDGE**

**L-2 A WELL IS BORN**

**L-3 THE OTHER SIDE OF STORY**





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L-4 THE CHALLENGE OF THE HIMALIYAS

POEM-MY DOVES , EVERY BODY'S DOING IT

## TERM 2

L-1 THE ENCLOPEDIA OF ALL KNOWLEDGE

L-2 A WELL IS BORN

L-3 THE OTHER SIDE OF STORY

L-4 THE CHALLENGE OF THE HIMALIYAS

POEM-MY DOVES , EVERY BODY'S DOING IT

## TERM 2

**(SECTION 3): L-C-MONDAY NIGHT MAY 11<sup>TH</sup> 1846 (POEM LEARN)**

**(SECTION 4):L-B-GAMING OBYSSEY(REALASTIC FICTION-INTERVIEW)**

**L-C-THE SECRET OF THE MACHINES (POEM)**

**(SECTION 5)L-A-THE LADY OR THE TIGER?**

**(SECTION 6):L-A-HE WHO CREATED MAGIC ON PAPER**

## TERM 3

**(SECTION 1):L-A-FOR THE LOVE OF TREES**

**L-C-LINES WRITTEN IN EARLY SPRING(POEM LEARN)**

**(SECTION 4):L-B-GAMING OBYSSEY(REALASTIC FICTION-INTERVIEW)**

**L-C-THE SECRET OF THE MACHINES(POEM)**



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**(SECTION 7)L-A-THE FACE ON THE WALL**

**L-B-THE GHOST SHIPS**

**READER-GOBLIN MARKET(POEM)**

**COMPUTER STUDIES**

**TERM 1**

**L-1 OPERATING SYSTEM & GUI**

**L-4 PROGRAM CODING**

**IT VISTA**

**PROGRAMMING**

**IF-ELSE-IF , TERNARY , FOR**

**TERM 2**

**L-2-FUNCTIONS IN EXCEL 2013**

**L-3-CHARTS IN EXCEL 2013**

**L-4-ALGORITHMS AND FLOWCHARTS**

**WORKSHEET 1 AND 2, NESTED IF, NESTED FOR, SWITCH STATEMENT**

**TERM 3**

**L-7-APP DEVELOPMENT**

**L-8-NETWORKING CONCEPTSANNEXURE-WINDOWS MOVIE MAKER, WORKSHEET 1, 2 AND 3, DO-WHILE, IF-ELSE- IF, SWITCH, WHILE**

**MORAL SCIENCE**





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## TERM 1

L-1 TO 4

## TERM 2

L-5 TO 8

## TERM 3

L-9 TO 12

## GEOGRAPHY

### TERM 1

(L-1,2,3,4)

UNIT-1 PG- 13-18

UNIT-2-PG-19-22

UNIT-3-L-2

UNIT-4L-3

UNIT-4-L-4

MAP WORK 1, MAP WORK 2

### TERM 2

L-5-NATURAL AND MAN MADE DISASTERS

L-6-ASIA- PHYSIOGRAPHY

L-7-ASIA- CLIMATE, NATURAL VEGETATION AND WILDLIFE

CASE STUDY



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## TERM 3

**L-8-INDIA-PHYSIOGRAPHY**

**L-9-INDIA- CLIMATE, NATURAL VEGETATION AND WILDLIFE**

**L-10-INDIA- HUMAN RESOURCES**

## GENERAL KNOWLEDGE

## TERM 1

**L-1 TO 9**

## TERM 2

**L-10 TO 21**

## TERM 3

**L-22 TO 31**

## HINDI

## TERM 1

**L-1 TO 6(NANDINI Padya Pustak)**

**L-1 TO 5(NANDINI STORY BOOK)**

## HINDI LANGUAGE

**SYNONYMS-1 TO 27**

**ANTONYMS- 1 TO 44**

**PHRASES- 1 TO 30**

**IDOMS -1 TO 25**

**PROVERBS -1 TO 20**

**UNSEEN PASSAGE ,INFORMAL LETTER AND ESSAY**



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## TERM 2

### LITERATURE

पाठ8- हमपंछीउन्मुक्तगगनके (कविता) (भावार्थ)

पाठ9- बीससालबाद

पाठ10- सजा

पाठ 14- मिठाईवाला

पाठ 15- एकरोबोटकीआत्महत्या

पाठ 16- पंचवटी(कविता) (याद)

### STORY BOOK

पाठ 6-महर्षिदयानंद

पाठ 7-टीपूसुल्तान

पाठ 8- लालालाजपतराय

पाठ 9-मनमोहनमालवीय

पाठ 10-आचार्यविनोबाभावे

### HINDI LANGUAGE

पर्यायवाचीशब्द-28 से 54

विलोमशब्द- पराजयसेस्थिरतक





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वाक्यांशकेलिएएकशब्द-31 से 62

अशुद्धवाक्योंकोशुद्धकरना

मुहावरे-26 से 50

लोकोक्तियां -21 से 40

अपठितगद्यांश

पत्र (अनौपचारिक)

निबंध

TERM 3

HINDI LITERATURE

पाठ 16- पंचवटी(कविता) (याद)

पाठ 17- समय- समयकीहवा

पाठ 18- मित्रता

STORY BOOK

पाठ 11- सरोजिनीनायडू

पाठ 12- पिकासो

पाठ 13- भीकाजीकामा

पाठ 14- पंडितरविशंकर

HINDI LANGUAGE

पर्यायवाचीशब्द- 1से 27 तक



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विलोमशब्द- पराजयसेस्थिरतक

मुहावरे-1 से 25 तक

लोकोक्तियां- 21 से 40 तक

अपठितगद्यांश

पत्र (औपचारिक और अनौपचारिक)

निबंध

चित्र- वर्णन

Sanskrit

TERM 1

L-2,3,4,5 AND 8

SHABD AND DHATU ROOP

TERM 2

पाठ 10- स्वतंत्रतासंग्रामः

पाठ 11- सुपधानि

पाठ 12- गड़तन्त्रदिवस

पाठ 13- नृत्यकला

पाठ 14- पांडवदूत



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पाठ 15- मैक्समूलर

पाठ 16- गीता

धातुरूप-वन्द (लड। लकार)

व्रत ( लोटलकार)

शक (लटलकार)

शब्दरूप-गो, इदम (स्त्रीलिंग)

गिनती - 31 से 40

**TERM 3**

पाठ 18- संगीत

पाठ 19- प्रकीर्णपानी

पाठ20- ग्रधरमार्जारच

पाठ21- भारतीयसंस्कृति

पाठ 22- सूक्तय

धातुरूप-1<sup>st</sup> term and 2<sup>nd</sup> term repeated

शब्दरूप-1<sup>st</sup> term and 2<sup>nd</sup> term repeated

गिती-1<sup>st</sup> term and 2<sup>nd</sup> term repeated