

NILGIRI HILLS PUBLIC SCHOOL

ANNUAL SYLLABUS (2017-18)

CLASS X

NILGIRI HILLS PUBLIC SCHOOL

CLASS- X (MATHS)

SYLLABUS(SESSION— 2017-18)

UT1-----

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| 1. PAIR OF LINEAR EQUATION | 2. INTRODUCTION TO TRIGNOMETRY |
| 3. SOME APPLICATION OF TRIGNOMETRY | |

TERM1-----

- | | |
|------------------------------------|--------------------------------|
| 1. PAIR OF LINEAR EQUATION | 2. INTRODUCTION TO TRIGNOMETRY |
| 3. SOME APPLICATION OF TRIGNOMETRY | 4. CIRCLES |
| 5. STATISTICS | 6. TRIANGLES |
| 7. POLYNOMIALS | 8. REAL NUMBERS |
| 9. CONSTRUCTIONS | |

UT-2-----

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|----------------------------|---------------------------|
| 1. QUADRATIC EQUATION | 2. ARITHMETIC PROGRESSION |
| 3. AREA RELATED TO CIRCLES | |

FINAL TERM-----

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| 1. POLYNOMIALS | 2. CIRCLES |
| 3. SURFACE AREA AND VOLUME | |
| 4. PROBABILITY | 5. QUADRATIC EQUATION |
| 6. INTRODUCTION TO TRIGNOMETRY | 7. ARITHMETIC PROGRESSION |
| 8. PAIR OF LINEAR EQUATION IN TWO VARIABLES | 9. SOME APPLICATIONS OF TRIGNOMETRY |
| 10. REAL NUMBERS | 11. AREA RELATED TO CIRCLES |
| 12. CONSTRUCTIONS | 13. STATISTICS |

ENGLISH (CODE-101)

EXAMS	literature	MCB/GRAMMAR	WRITING SKILLS
UT1	1. Two gentlemen of Verona 2. Frog And the Nightingale 3. Mirror	1. Health and Medicine 2. Education Grammar 1. Determiners 2. Tenses 3. Subject Verb Agreement	1. Notice Writing 2. Email writing 3. Formal Letter 4. Informal Letter
TERM 1	1. Packetides Tigers 2. The Letter 3. Nor Marble nor gilded Monuments 4. Two gentlemen of Verona 5. Frog And the Nightingale 6. Dear Departed 7. Mirror Novel Diary of a young Girl June 12 1942 to March 14, 1944	1. Science 2. Education 3. Health and Medicine 4. Integrated Grammar	1. Article Writing 2. Story Writing 3. Diary Entry 4. Notice Writing
UT-2	1. Shady Plot 2. Patol Babu 3. Ozymandias	1. Environment 2. Travel and Tourism Grammar 1. Gap Filling 2. Integrated Grammar	1. Article writing 2. Speech Writing

PHYSICS

UT-I

Electricity

Magnetic Effects of Electric Current (upto Force on current carrying conductor in a magnetic field)

TERM-I

Electricity

Magnetic Effects of Electric Current

Sources of energy

UT-II

Sources of Energy

Light-Reflection and Refraction

PREBOARD

Electricity
Magnetic Effects of Electric Current
Sources of Energy
Light Reflection and Refraction
Human Eye and Colourful World
Management of Natural Resources

FINAL EXAMINATION

Electricity
Magnetic Effects of Electric Current
Sources of Energy
Light Reflection and Refraction
Human Eye and Colourful World
Management of Natural Resources

CHEMISTRY

PERIODIC TEST -1

CHAPTER-1 CHEMICAL REACTION AND EQUATIONS

PERIODIC TEST -2

CHAPTER-1 CHEMICAL REACTION AND EQUATIONS
CHAPTER-2 ACIDS , BASES AND SALTS
CHAPTER-3 METALS AND NON METALS

PERIODIC TEST-3

CHAPTER-4 CARBON AND ITS COMPOUND

PRE BOARD

CHAPTER-1 CHEMICAL REACTION AND EQUATIONS
CHAPTER-2 ACIDS , BASES AND SALTS
CHAPTER-3 METALS AND NON METALS .
CHAPTER-4 CARBON AND ITS COMPOUND
CHAPTER -5 PERIODIC CLASSIFICATION OF ELEMENTS

BIOLOGY

Exam	Syllabus
UT-1	Control and Co-ordination
SA-1	Life processes ,Control and Co-ordination ,How do organism reproduce

UT-2	Heredity and evolution
SA-2	Our Environment ,Management of natural resources ,Control and Co-ordination ,Life processes,Heredity and evolution ,How do organism reproduce

COMPUTER

UT-I
 CH-1 INTERNET
 CH-2 SERVICE AVAILABLE ON INTERNET
 FIRST TERM
 CH-1 , 3 &
 CH-3 WEB SERVICES
 CH-4 DATA BASE
 CH-5 DATABARE MANAGEMENT TOOLS [MS ACCESS]
 UT-II
 CH-6 HTML AND ITS ELEMENTS
 FINAL TERM
 CH-6 &
 CH-7 HTML [CONTINUED] AND XML
 CH- 8 SOCIETAL IMPACTS OF IT

SOCIAL SCIENCE

UNIT TEST -1

HISTORY
 CH-3- NATIONALISM IN INDIA
 GEOGRAPHY
 CH-1- RESOURCE AND DEVELOPMENT
 CIVICS
 CH-1- POWER SHARING

TERM -1

HISTORY
 CH-3- NATIONALISM IN INDIA
 CH-1- THE RISE OF NATIONALISM IN EUROPE
 GEOGRAPHY
 CH-1- RESOURCE AND DEVELOPMENT
 CH-3- WATER RESOURCE
 CH-4- AGRICULTURE
 CIVICS
 CH-1- POWER SHARING
 CH-2- FEDERALISM
 CH-3- DEMOCRACY AND DIVERSITY
 CH-4- GENDER CASTE AND RELIGION
 ECONOMICS
 CH-1-DEVELOPMENT

CH-2-SECTORS OF INDIAN ECONOMY

UNIT TEST -2

HISTORY

CH-6- WORK LIFE AND LIESURE

GEOGRAPHY

CH-5- MINERALS AND ENERGY RESOURCES

ECONOMICS

CH-3- MONEY AND CREDIT: ROLE OF MONEY IN AN ECONOMY

TERM-2

HISTORY

CH-8- NOVELS, SOCIETY AND HISTORY

GEOGRAPHY

CH-6- MANUFACTURING INDUSTRIES

CH-7- LIFELINES OF NATIONAL ECONOMY

CIVICS

CH-6- POLITICAL PARTIES

CH-7-OUTCOMES OF DEMOCRACY

CH-8- CHALLENGES TO DEMOCRACY

ECONOMICS

CH-4- GLOBALISATION AND THE INDIAN ECONOMY

CH-5- CONSUMER RIGHTS + (**TERM 1+ UNIT 2**)

हिंदी

UT 1

क्षितिज-काव्य पाठ-1,2

गद्य पाठ-11,12

कृतिका पाठ-1 माता का अंचल

व्याकरण- वाक्यभेद

Term 1

क्षितिज -काव्य - पाठ -1 से 5 तक

गद्य- पाठ -10 से 14 तक(कृतिका)पाठ-1 से 3 तक

व्याकरण – वाक्य भेद, पत्र, वाच्य परिवर्तन, निबन्ध, अपठित गद्यांश व काव्यांश

UT 2

काव्य- पाठ- 6,7

गद्य-पाठ- 14,15

कृतिका पाठ-3,4

व्याकरण- रस.

Final year

Term 1 के साथ

काव्य - पाठ -6 से 9 तक

गद्य- पाठ -14 से 17 तक(कृतिका)- पाठ -4 और 5 व्याकरण –पद परिचय, विज्ञापन लेखन, रस , पत्र ,निबन्ध
अपठित गद्यांश व काव्यांश