



G.D. GOENKA PUBLIC SCHOOL, FIROZABAD

(CBSE Affiliation No. 2131615)

NH-2, Hazratpur, Firozabad

(2018-2019)

Compiled Syllabus for Class XI SCIENCE

TERM- I	TERM-II
ENGLISH	
<p><u>SECTION A -</u> READING - 1. Comprehension. Two Unseen Passages (UT- I) 2. Note Making.</p> <p><u>SECTION B</u> - Writing and Grammar 1. Notice (UT-1) 2. Poster 3. Advertisement (UT-1) 4. Article 5. Speech 6. Debate. 7. Letter to the Editors</p> <p><u>Grammar-</u> 1. Determiners (UT –I) 2. Tenses 3.Clauses 4.Editing and Omission</p> <p><u>SECTION C</u> - Literature and Long Reading <u>BOOK HORNBILL</u> Ch No. 1.- The Portrait of a Lady (UT-I) Ch No. 2.- We are Not Afraid----- (UT-I) Ch No. 3.- Discovering Tut- the Saga Continues.</p> <p><u>BOOK HORNBILL- POETRY</u> Poem No.1 - A Photograph Poem No.2 - The Voice of the Rain</p> <p><u>BOOK SNAPSHOTS</u> Ch No. 1. The Summer of the Beautiful White Horse (UT- I) Ch No. 2. The Address Ch No. 3. Ranga’s Marriage Ch No. 4 .Albert Einstein at School</p> <p><u>NOVEL</u> The Canterville Ghost Ch. I TO IV.</p>	<p><u>SECTION A</u> – READING – 1.Two Unseen Passages (UT-2) 2.Note Making</p> <p><u>SECTION B</u> - WRITING AND GRAMMAR 1. Letters (a) Enquiries (b)Complaint (c)Orders 2.Job Application(UT-2) 3. Report Writing. 4. Narratives</p> <p><u>Grammar</u> 1. Gap filling 2. Editing 3. Modals (UT-2) 4. Sentence reordering 5. Sentence Transformation</p> <p><u>SECTION C</u> – LITERATURE AND LONG READING <u>BOOK – HORNBILL</u> Ch No. 4- The Ailing PLANET – ‘The Green Movement’s Role’ (UT-2) Ch No. 6- The Browning Version.</p> <p><u>BOOK - HORNBILL - POETRY</u> Poem No. 4 – Childhood. (UT-2) Poem No.5 ‘Father to Son’</p> <p><u>BOOK SNAPSHOTS</u> Ch No. 5- Mother’s Day Ch No.6- Birth Poem – The Tale of Melon City.</p> <p><u>NOVEL - The Canterville Ghost</u> Ch No. 5, 6 and 7</p>

TERM- I	TERM-II
<p>PHYSICS</p> <p>Unit-I Physical World and Measurement Chapter-1: Physical World Chapter-2: Units and Measurements (UT-1)</p> <p>Unit-II Kinematics Chapter-3: Motion in a Straight Line Chapter-4: Motion in a Plane (UT-1)</p> <p>Unit-III Laws of Motion Chapter-5: Laws of Motion</p> <p>Unit-IV Work, Energy and Power Chapter-6: Work, Energy and Power</p> <p>Unit-V Motion of System of Particles and Rigid Body Chapter-7: System of Particles and Rotational Motion</p>	<p>Unit-VI Gravitation Chapter-8: Gravitation (UT-2)</p> <p>Unit-VII Properties of Bulk Matter Chapter-9: Mechanical Properties of Solids (UT-2) Chapter-10: Mechanical Properties of Fluids (UT-2) Chapter-11: Thermal Properties of Matter</p> <p>Unit-VIII Thermodynamics Chapter-12: Thermodynamics</p> <p>Unit-IX Behaviour of Perfect Gases and Kinetic Theory of Gases Chapter-13: Kinetic Theory</p> <p>Unit-X Oscillations and Waves Chapter-14: Oscillations Chapter-15: Waves</p>
<p>CHEMISTRY</p> <p>Chapter 1: Some Basic Concept of Chemistry (UT-1) Chapter 2: Atomic Structure (UT-1) Chapter 3: Classification of Elements & Periodicity in Properties Chapter 4: Chemical Bonding and Molecular Structure Chapter 5: States of Matter Chapter 9: Hydrogen</p> <p>Weekly test syllabus will be decided by the concerned teacher itself on the basis of chapters going on in class.</p>	<p>Chapter 1: Some Basic Concept of Chemistry Chapter 2: Atomic Structure Chapter 4: Chemical Bonding and Molecular Structure Chapter 5: States of Matter Chapter 6: Thermodynamics(UT-2) Chapter 7: Equilibrium Chapter 8: Redox Reactions(UT-2) Chapter 10: s - Block Elements Chapter 11: Some p - Block Elements Chapter 12: Organic Chemistry Chapter 13: Hydrocarbons Chapter 14: Environmental Chemistry</p> <p>Weekly test syllabus will be decided by the concerned teacher itself on the basis of chapters going on in class.</p>
<p>BIOLOGY</p> <p>Unit 1- Diversity of Living Organisms Chapter 1- The Living World(UT-1) Chapter 2- Biological classification(UT-1) Chapter 3- Plant Kingdom (UT-1) Chapter 4- Animal Kingdom (UT-1)</p> <p>Unit 2- Structural Organization in Plants and animals Chapter 5- Morphology of Flowering Plants Chapter 6- Anatomy of Flowering Plants Chapter 7- Structural Organization in</p>	<p>Unit 4- Plant Physiology Chapter-11 Transport in Plants(UT-2) Chapter-12 Mineral Nutrition (UT-2) Chapter-13 Photosynthesis in higher Plants(UT-2) Chapter -14 Respiration in Plants(UT-2) Chapter- 15 Plant Growth and Development(UT-2)</p> <p>Unit 5- Animal Physiology Chapter- 16 Digestion and absorption Chapter-17 Breathing and Exchange of Gases Chapter -18 Body fluids and Circulation Chapter-19 Excretory products and their Elimination</p>

<p>Animals</p> <p>Unit 3- Cell: Structure and Function</p> <p>Chapter 8- Cell- The Unit of Life</p> <p>Chapter 9- Biomolecules</p> <p>Chapter 10-Cell Cycle and Cell Division</p> <p>Weekly test syllabus will be decided by the concerned teacher itself on the basis of chapters going on in class.</p>	<p>Chapter- 20 Locomotion and Movement</p> <p>Chapter-21 Neural Control and Coordination</p> <p>Chapter-22 Chemical Control and Integration</p> <p>Weekly test syllabus will be decided by the concerned teacher itself on the basis of chapters going on in class.</p>
TERM- I	TERM-II
MATHEMATICS	
<p>Chapter -1 Sets (UT-1)</p> <p>Chapter-2 Relation and Functions (UT-1)</p> <p>Chapter-3 Trigonometric Functions</p> <p>Chapter-4 Principle of Mathematical Induction</p> <p>Chapter-5 Complex Numbers and Quadratic Equations</p> <p>Chapter-6 Linear Inequalities</p> <p>Chapter-9 Sequences and Series</p>	<p>Chapter-1 Sets</p> <p>Chapter-2 Relations and Functions</p> <p>Chapter-3 Trigonometric Functions</p> <p>Chapter-7 Permutations and Combinations</p> <p>Chapter-8 Binomial Theorem</p> <p>Chapter-10 Straight Lines(UT-2)</p> <p>Chapter-11 Conic Sections(UT-2)</p> <p>Chapter- 12 Introduction to 3-Dimensional Geometry(UT-2)</p> <p>Chapter-13 Limits and Derivatives</p> <p>Chapter-14 Mathematical Reasoning</p> <p>Chapter-15 Statistics</p> <p>Chapter-16 Probability</p>
PHYSICAL EDUCATION	
<p>Unit I. Changing Trends & Career in Physical Education.(UT-1)</p> <p>Unit II Olympic Movement.</p> <p>Unit III. Physical Fitness, Wellness & Lifestyle.(UT-1)</p> <p>Unit IV Physical Education & Sports for Differently - Abled</p> <p>Unit V Yoga.</p> <p>Unit VI Physical Activity & Leadership Training</p>	<p>Unit I. Changing Trends & Career in Physical Education.</p> <p>Unit II Olympic Movement.</p> <p>Unit III. Physical Fitness, Wellness & Lifestyle.</p> <p>Unit IV Physical Education & Sports for Differently - Abled</p> <p>Unit V Yoga.</p> <p>Unit VII Test & Measurement & Evaluation (UT-2)</p> <p>Unit VIII Fundamentals of Anatomy & Physiology (UT-2)</p> <p>Unit IX Kinesiology, Biomechanics & Sports.</p> <p>Unit X Psychology & Sports.</p> <p>Unit XI Training in Sports</p> <p>Unit XII Doping</p>
COMPUTER SCIENCE	
<p>Chapter:-1 Computer Overview (UT-1)</p> <p>Chapter:-2 Working with Operating System(UT-1)</p> <p>Chapter:-3 Data Representation</p> <p>Chapter:-4 Microprocessor Basics: Input, Output and Memory Ports</p> <p>Chapter:-5 Getting Started with Python</p> <p>Chapter:-6 Python Fundamentals</p> <p>Chapter:-7 Data Handling</p> <p>Chapter:-8 Introducing Functions and</p>	<p>Chapter:-9 User Defined Functions(UT-2)</p> <p>Chapter:-10:Programming Methodology(UT-2)</p> <p>Chapter:-11 Conditional and Looping Constructs</p> <p>Chapter:-12 String Manipulation</p> <p>Chapter:-13 List Manipulation</p> <p>Chapter:-14 Dictionaries</p> <p>Chapter:-15 Tuples</p>

Modules Note:-All chapters mentioned above will be included in Terminal Examination-1	Note:-All chapters mentioned above will be included in Terminal Examination-2
MUSIC	
<u>Theory</u> <ul style="list-style-type: none"> • Definition of the following: • Sangeet,Dhwani,Nada,Shruti,S wara,Saptak,Thaat,Jati,Raga,S warmalika,Lakshan Geet, Nibaddha and Anibaddhagana,Laya,Tala • Description of the Ragas prescribed for class-XI • Contribution an dshort lige sketch of the miyan tansen,Pt.V.N.Bhatkhande and Pt.Vishnu Digambar Paluskar. • (a) The brief history of Dhrupad, Khayal and Tarana. • (b) Brief knowledge of Gharanas. • A brief study of Musical elements in Natya shastra. • Writing in notation compositions of Ragas, prescribed for class XI. • Writing in Tala-notation, Tah, and Dugun of prescribed Talas. • Knowledge of the Structure& tuning of Tanpura. 	<u>Practical Activities</u> <ul style="list-style-type: none"> • One Drut khyal with simple elaborations & a few tanas in the following Ragas:Bihag, Vrindavani Sarang, Jaunpuri, Bhairavi. • One Vilambitkhayal with simple illustrations & a few tanas in any one of the prescribed Ragas. • 1 Dhrupad in any one of the Ragas • One Devotional Song. • Ability to recognize the prescribed ragas from passages of swaras rendered by the Examiner. • Recitation of the Thekas of Dadra, Keharwa,Teen tala, chuatala, sultala and Ektala with Dugun, keeping Tala with hand beats.
FINE ARTS	
<u>THEORY</u> <ul style="list-style-type: none"> • Pre-Historic rock paintings and art of Indus Valley • Buddhist,Jain and Hindu Art • Temple Sculptures, Bronzes and Artistic aspects of Indo-Islamic architecture 	<u>Practical Activities</u> <ul style="list-style-type: none"> • Nature and object study • Painting, composition • Portfolio Assesment

SYLLABUS 2018-2019

CLASS-XI

HINDI

TERM-1	TERM-2
<p>प्रथम इकाई सत्र</p> <p>अरोह - नमक का दरोगा, कबीर व्याकरण . पत्र, निबंध</p> <p>प्रथम सत्रीय परीक्षा</p> <p>अरोह गद्य - नमक का दरोगा, मियाँ नसरुद्दीन, विदाई संभाषण, गलता लोहा।</p> <p>अरोह पद्य - कबीर, मीरा, सुमित्रानंदन पंत, भवानी प्रसाद मिश्र, त्रिलोचन।</p> <p>वितान - लता मंगेशकर, राजस्थान की रजत बूँदे।</p> <p>व्याकरण - निबंध, पत्र, जनसंचार और पत्रकारिता, फीचर रिपोर्ट लेखन।</p>	<p>द्वितीय इकाई सत्र</p> <p>अरोह - स्पीति मे बारिश, त्रिलोचन व्याकरण - निबंध, फीचर रिपोर्ट, जनसंचार और पत्रकारिता</p> <p>द्वितीय सत्रीय परीक्षा</p> <p>अरोह गद्य - स्पीति मे बारिश, रजनी, जामुन का पेड़, भारतमाता</p> <p>अरोह पद्य - दुष्यंत कुमार, अक्का महादेवी, पाश, निर्मला, पुतुल।</p> <p>वितान - आलो आँधारि।</p> <p>व्याकरण - निबंध, पत्र, जनसंचार और पत्रकारिता, फीचर रिपोर्ट लेखन।</p>