

HINDUSTANI MUSIC MELODIC INSTRUMENTS

(Code-035)

Unit - I

- April**
- 1.1 Brief study of the following
Nada, Shruti, Swara, Saptak , Thaati, Jati, Laya, Tala.
 - 1.2 Brief study of the following
Margi- Desi, Nibaddha- Anibaddha Gan, Raga, gat.

Unit - II

- May**
- 2.1 Brief History of the following
Dhrupad, Mastikhani and Razakhni Gat
 - 2.2 Brief study of various Gharanas

Unit - III

- July & August**
- 3.1 Brief study of Musical Elements in Natya Shastra and Briddeshi
 - 3.2 Life sketch and Contribution of Tansen, V.N. Bhatkhan and V.D Paluskar

Unit - IV

- October**
- 4.1 Description of Prescribed Talas along with Tala Notation- Thah, Dugun and Chaugan .
Talas :- Sool Tala, Ektala, Dadra, Kaherwah, Teentaala, Chautala
 - 4.2 Knowledge of the Structure of the Instrument opted for.

Unit - V

- Dec.**
- 5.1 Critical study of Prescribed Ragas along with Recognizing Ragas from phrases of Swaras and elaborating them
 - 5.2 Writing in Notation the Compositions of Prescribed Ragas - Bihag, Bhimpalasi, Jaunpuri and Bhairavi

SADHU VASWANI INTERNATIONAL SCHOOL FOR GIRLS

2ND STREET, SHANTI NIKETAN
NEW DELHI-110021



CLASS-XI

**SYLLABUS
2019-2020**

CLASS-XI
BREAKUP OF SYLLABUS 2019-2020
(MONTH-WISE)
ENGLISH

Prescribed books : (1) Hornbill (Course Book)
 (2) Snapshots
 Supplementary Reader
 (Core Course)

April : **Hornbill**
 (1) The Portrait of a Lady.
 (2) A Photograph (Poem).
 (3) Writing Skills
 - Formal Business Letters-Complaint,
 - Registering complaints, asking for
 and giving information
 - Placing Orders and sending replies,
 Making enquiries
 (3) Grammar - (1) Determiners,
 (2) Dialogue Completion
 (3) Transformation of Sentences

May : **Hornbill**
 (1) We're Not Afraid to Die
Snapshots
 (1) The Summer of the Beautiful White
 Horse
Writing Task :
 • Notice / Poster / Advertisements Practice
 • Article Writing
Reading Comprehension

July : **Hornbill**
 (1) Discovering Tut
Snapshots

Jan. / Feb. Practical - One Object Drawing
 one Composition

WORK-EXPERIENCE

April Revision of Advanced HTML
May Krita
July Krita Contd.
August Inkscape
October Inkscape contd.
November Digital infographic Designing
December Professional Office - Word Processor
January Professional Office -Word Processor contd.
February Project work

HEALTH AND PHYSICAL EDUCATION

Basic Skills – Jumping, Throwing and
 Fundamental Skills of Volley
 ball, Basket ball, Handball and
 Kho-Kho
Warm up – General fitness exercises
Formal – Skill related to the game
Major Games – Volley ball, Basket ball
 Athletics, Handball, Kho-Kho
Recreational
Activity – Ball relays and Minorgames
Yoga – Benefits of yoga Asanas,
 Pranayam, Meditation

PAINTING

April	Sculptures and Terracottas :- 1. Dancing Girl 2. Male Tarso 3. Mother Goddess
May	Sculptures and Terracottas :- 1. Bull (Mohenjo-daro) 2. Painted earthen - ware (Jar)
July	Buddhist, Jain and Hindu Art Sculptures : 1. Lion Capital 2. Chauri Bearer - From Didar Ganj 3. Bodhisatva Head 4. Seated Buddha
August	Sculptures : 1. Jain Tirathankara 2. Padmapani Bodhisttva 3. Mara Vijay
September	Temple Sculptures : 1. Descent of Ganga 2. Ravana Shaking Mount Kailash 3. Trimurti
October	Temple Sculptures : 1. Lakshmi Narayan 2. Cymbal Player sun Temple 3. Mother and Child 4. Nataraj
November	South Indian Bronzes 1. Devi Architectures : 1. Qutab Minar (Delhi) 2. Taj Mahal (Agra) 3. Gol Gumbaj of Bijapur
December	Revision

(1) The Address (2) Voice of the Rain (Poem) Writing Skills : (1) Factual Description (2) Report Writing or a Narrative (3) Note Making & Summarizing Grammar (1) Tenses (2) Sub-Verb agreement (3) Error Correction / Editing
August Snapshots (1) Ranga's Marriage Hornbill (1) Laburnum Top (Poem) (2) Albert Einstein at School Writing Skills- (1) Debate (2) Speech (3) Note-Making & Summarising, Grammar (1) Articles (2) Determiners (3) Modals, Tenses
September Hornbill (1) The Ailing Planet (2) The Adventure - Revision & Ist Term Exams.
October Hornbill (1) The Browning Version (Drama) (2) Landscape of the Soul Snapshots (1) The Tale of Melon city

Writing Skills : Notice,
Grammar : Clauses, Reordering Sentences

November	Hornbill (i) Father to Son (Poem) Snapshots (i) Mother's Day (Drama) Writing Skills : Job Application with Bio-Data
December	Snapshots (1) Birth (2) The Ghat of the Only World Hornbill (1) Childhood (Poem) (2) Silk Road

PSYCHOLOGY

April	Introduction to Psychology
May	Methods of Psychology (to be contd...)
July	Methods of Psychology (to be completed) Bases of Human Behaviour (to be contd...)
August	Bases of Human Behaviour (to be completed) Human Development (to be contd...)
September	Human Development Revision, I Term Exams

HEALTH AND PHYSICAL EDUCATION

April	- Changing Trends and Career in Physical Education - Practical - Physical Fitness - Athletics - Sprints
May	- Olympic movement, (Value Education), Yoga and game skills. Practical - Physical Fitness - Skipping
July	- Physical Fitness wellness and lifestyle Yogic Exercises
August	- Physical Education for CWSN, Physical Activity and Leadership Training Practical Skill of Games
September	- Revision and Practical Exam.
October	- Test and Measurement - Practical - Record File - Physical Fitness:
November	- Fundamentals of Anatomy and Physiology and Kinesiology in sports. - Psychology and sports - Practical - Game skills.
December	- Training and doping in sports - Practical - Physical Fitness - Games Skills
Jan-Feb.	- Practical - exam - Revision

LEGAL STUDIES

April	Theory and nature of political institutions
May	Nature & sources of law Legislation process, delegate and subordinate legislation State decedents, precedents within the hierarchy of courts
July	Nature and sources of law (conts.)
August	Historical evolution of Indian legal system
September	Revision Administrative of Justice in British India.
October	Making of the Indian Constitution
November	judiciary constitutional civil and criminal courts and processes
December	Family justice system
Jan-Feb	Case study & Revision

October	Sensory, Attention and Perceptual Processes (to be contd...)
November	– Learning – Human Memory
December	– Language and Thought – Motivation and Emotion
Jan - Feb.	Revision

POLITICAL SCIENCE

Course I :	Indian Constitution At Work
April	- Constitution : Why & How - Philosophy of the constitution
May	- Constitution as a living document
July	- Right in the Indian constitution. Election and Representation The Executive
Aug.	- The Legislature The Judiciary Federalism

September - Local Government

Course II : Political Theory

September - Introduction to Pol.
Theory : An Introduction

October - Freedom
Equality
Justice with special reference
to Social justice

November Rights
- Citizenship
Nationalism

December - Secularism
Peace
Development

Jan.-Feb. - Revision

COMPUTER SCIENCE

April : Computer Systems and Organisation -
Basis Computer Organisation, Software
Concepts and its types, Number Systems,
Execution of program, Encoding of
Characters, Memory Concepts, Cloud Computing

May : Programming and Computational Thinking -
Introduction to Python, Getting
started, variables, Expressions and Statements,
operators, I/O, Putting comments.

May : Database Management - Relational Databases,
concept of keys, insert an entry in
the table and delete a table

July : SQL commands - select, project and
join, indexes

August : Introduction to Python, Getting started,
Variables, Expressions and Statements,
operators, I/O, Programming in Python :
Strings : Creating, initialising and
accessing the elements

September : Lists, tuples and dictionary
Conditional Constructs

October : Looping and Text Handling

November : Introduction to Python Modules :
creating and importing Data Handling :

December : Society, Law and Ethics - Cyber
Safely communicating data

January : Revision

BUSINESS STUDIES

Part A - Foundation of Business

- | | |
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| April | - Nature & Purpose of Business
Evolution of Business |
| | - Forms of Business |
| May | organisations & Formation of
Company, Project Work |
| July | - Private, Public & Global
enterprises
Project work |
| | - Business Services, Types of
digital payment |
| August | - Emerging modes of
Business |
| | - Social responsibilities of
business & Business ethics. |
| September | |

Part B - Corporate organisation, Finance & Trade

- | | |
|-------------------------------|--|
| October | - Sources of Business finance |
| November | - Small Scale Business &
Entrepreneurship development |
| December | - Internal Trade + GST Concept
& features |
| | - International Business-1 |
| | - International Business-II
Project work |
| January & February | Revision. |

INFORMATIC PRACTICES

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| April : | Programming and Computational Thinking -
Basic Computer System and mobile system. |
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| July : | Conditional Constructs and looping |
| August : | Programming in Python :
Strings : Creating, Initialize
and accessing the elements,
String operators, Lists, tuples and dictionary |
| September : | Sorting Algorithm, String Handling |
| October : | Database Management - Relational
Databases, concept of keys SQL
Commands - select, project and join |
| November : | Basis of No SQL databases - Mongo DB |
| December : | Society, Law and Ethics - Cyber Safety |
| January : | Revision |

PHYSICS

April	– Introduction
	– Units and Measurement
May	– Motion in a straight line
July	– Motion in a plane
	– Laws of Motion
Aug.	– Work, power & energy
	– Gravitation
September	– System of particles of Rotational Motion
October	– System of particles of rotational Motion (Contd.)
	– Mechanics of solids
November	– Mechanics of fluids
	– Thermal Properties of Matter
	– Thermodynamics
December	– Kinetic theory of Gases
	– Oscillations
	Waves
Jan.-Feb.	– Revision

CHEMISTRY

April	– Some Basic Concepts of Chemistry
	Structure of Atom
May	– Continued
July	– Classification of Elements and Periodicity in Properties

July

Preparation of Vouchers, Goods and service Tax - calculation its effect on transactions Journal - Recording of Transactions

Aug.

- Ledger and Trial Balance
- Special Purpose Books-I Cash Book
- Subsidiary Books-II Other Books
- Bank Reconciliation Statement
- Bills of Exchange
- (i) Depreciation,
- (ii) Provisions & Reserves
- Trial balance and rectification of errors.

September

October

Part B - Financial Accounting II

November

- Financial Statements (without adjustments) & (with Adjustments)
- Theory Base of Accounting

December

- Accounts from Incomplete Records
- Computers in accounting
- Accounting & Database System
- Project work

January / February

- Revision

July	-	Introductory Micro Economics Introduction Consumer's equilibrium Demand and shift in demand Elasticity of demand Producers behaviour and supply
August	-	Law of Variable Proportion
September	-	Mean Deviation Concept & cost and revenue Producer's equilibrium
October	-	Main forms of market and price determination
November	-	Standard Deviation Correlation
December	-	Index Number Project
January	-	Revision

ACCOUNTANCY

Part A - Financial Accounting - I

April	-	Introduction to Accounting Recording of Business transactions
May	-	Preparation of Accounting Equation, Rules of Debit and Credit Simple Journal Entries Project Work

Chemical Bonding and Molecular Structure

August	-	States of Matter Thermodynamics Environmental Chemistry
September	-	Redox Reactions
October	-	Hydrogen The s-Block Elements
November	-	The p-Block Elements (including p-block Nitrogen family) Organic Chemistry - Some Basic Principles and Techniques
December	-	Continued Hydrocarbons Equilibrium
Jan.-Feb.	-	Revision

BIOLOGY

April	-	The Living World. Biological Classification
May	-	Plant Kingdom Animal Kingdom
July	-	Morphology of Flowering Plants. Anatomy of Flowering Plants. Structural Organization in Animals
Aug.	-	Cell : The Unit of Life Cell Cycle and Cell Division. Biomolecules

September	–	Digestion and Absorption
October	–	Breathing and Exchange of gases
	–	Body Fluids and Circulation
	–	Excretory Products and their Elimination
November	–	Locomotion and Movement.
	–	Neural Control & Coordination
	–	Chemical Coordination and Integration
December	–	Transport in Plants
		Mineral Nutrition
		Photosynthesis in Higher Plants
	–	Respiration in Plants
		Plant growth and Development
January	–	Revision

BIOTECHNOLOGY

April	Biotechnology : An overview
	Biotechnology : Building blocks
May	Biotechnology : Building blocks (contd.)
July	Macromolecules : Structure and Function
August	The Basic Unit of Life
September	Revision & 1st Terminal Examination
October	Cell Growth and Development
November	Concepts of Genetics
	Cell Growth and Development (contd.)
December	Concepts of Genetics (continued)
	Genes and Genomes : Structure and Function
January/ February	Revision

MATHEMATICS

April/May	-	Sets
		Mathematical induction
		Relations and functions
		Introduction of linear inequalities
July	-	Continuation of linear inequalities
		Trigonometric functions
August	-	Limits and derivatives
		Complex number and quadratic equations.
September	-	Sequence and series
		Revision & 1st Terminal Examination
October	-	Permutations and combinations
		Binomial theorem.
		Straight lines
November	-	Conic sections
		Three dimensional geometry
		Statistics
December	-	Probability
		Mathematical reasoning
January	-	Revision

ECONOMICS

April	-	Statistics for economics
		Meaning and scope of statistics
		Collection of primary and secondary data
May	-	Organisation of data
	-	presentation of data
		Measurement of central tendency