Syllabus

M. D. Dayanand Model School Nakodar

UNIT TEST -2

SYLLABUS

CLASS -3rd

English

Reader Book

1 Trees

2 Nina is the winner

3 Grammer

1. Verbs

Writing skill

Paragraph

Hindi

पाठ - 9   गीत का कमाल

पाठ -11   चूँ-चूँ की टोपी

(भाषा माधुरी + भाषा अभ्यास दोनों पुस्तकों में से)

अपठित गद्यांश , प्रार्थना पत्र ।।

Science

Chapter -6(Feeding habits of Animals)

Chapter -7(Birds and their nests)

Social Science

Chapter - 8 Let us enjoy!

Chapter - 9 Our homes

Maths

Unit -5 Division

Punjabi

ਪਾਠ - 8 ਗੁਲਾਬ ਦਾ ਫੁੱਲ (Full)

ਪਾਠ -10 ਬੇਜ਼ੁਬਾਨ (Full)

ਲਿੰਗ ਬਦਲੋ (16-25)

ਵਚਨ ਬਦਲੋ (16-25)

ਅਣਡਿੱਠਾ ਪੈਰਾ।

M.D. DAYANAND MODEL SCHOOL NAKODAR

UNIT TEST-2 SYLLABUS CLASS- 4TH

MATHEMATICS

CHAPTER 4 - DIVISION

SCIENCE

Chapter6 - Insects
Chapter 7 - Food

Social Science

Chapter 8 - Leisure Time
Chapter 9 - Directions

ENGLISH

Paragraph writing
Reader
L-The Rich lady and the artist
L-The Foolish Men
Practice Book- Verbs

HINDI

पाठ - 10 एक बौना और लकड़हारा
पाठ -11 मौसम
(भाषा माधुरी + भाषा अभ्यास दोनों पुस्तकों में से)
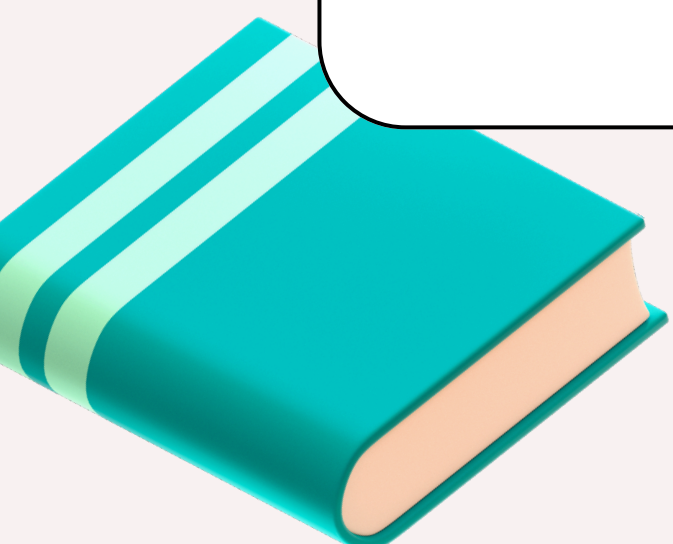संवाद, पत्र

PUNJABI

ਪਾਠ-7 ਖੇਡ-ਖੇਡ ਵਿੱਚ ਸਿੱਖੋ (full)

ਪਾਠ-8 ਮਹਾਰਾਜਾ ਦਾ ਇਨਸਾਫ਼(full)

ਲਿੰਗ ਬਦਲੋ। ਪੰਨਾ ਨੰ:59,60

ਅਣਡਿੱਠਾ ਪੈਰਾ।

ਚਿੱਤਰ ਵਰਨਣ।

UNIT TEST 2 SYLLABUS

CLASS - 5th

Maths
Chapter - 4 Fractional Numbers

Science
Chapter - 7 Importance of Water
Chapter - 9 Fuels

Social Science
Chapter - 8 Respecting Regional Differences
Chapter - 9 Exploring India

ਪੰਜਾਬੀ

ਪਾਠ-9 ਵਰਦਾਨ (full)

ਪਾਠ-10 ਮੈਂ ਇੱਕ ਬੱਦਲ (full)

ਲਿੰਗ ਬਦਲੋ (ਫੁੱਫੜ ਤੋਂ ਲੇਖਕ ਤੱਕ) ਪੰਨਾ ਨੰ:58

ਅਣਡਿੱਠਾ ਪੈਰਾ।

ਚਿੱਤਰ ਵਰਨਣ।

ਹਿੰਦੀ

पाठ - 11 बिरसा मुंडा

पाठ - 12 अगर न नभ में बादल होते

(भाषा माधुरी + भाषा अभ्यास दोनों पुस्तकों में से)

अनुच्छेद , पत्र।

English

1. Just be Up and down (Poem)
2. The Fearless Fighter
 Grammar Section
1. Adverb
2. Sentence
 Writing Section
1. Notice writing
2. Letter Writing

Class- 6th

Math

Chapter 15- Perimeter and Area

Chapter 7- Linear Equations

Punjabi

ਪਾਠ-10 ਮਹਾਂਨਗਰਾਂ ਦੀ ਜੀਵਨ-ਸ਼ੈਲੀ

(ਛੋਟੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ ਤੇ ਸ਼ਬਦ ਅਰਥ)

ਪਾਠ-11 ਮਿੱਠ- ਬੋਲੜਾ(ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਤੇ ਕਿਸ ਨੇ ਕਿਸ ਨੂੰ ਕਿਹਾ)

ਲਿੰਗ ਬਦਲੋ (ਸੰਤ ਤੋਂ ਦਰਜ਼ੀ ਤੱਕ)

ਅਣਡਿੱਠਾ ਪੈਰਾ

ਚਿੱਤਰ ਵਰਨਣ

Science

Chapter - 5 (Changes around us)

Chapter – 2 (Food)

UT-2 Syllabus Class-6th HINDI

पाठ – 10 पोंगल
पाठ- 12 दस आमों की क़ीमत
(ज्ञान सागर और अभ्यास सागर दोनों पुस्तकों में से)
(अपठित गद्यांश MCQ)

UT-2 Social science
Chapter- 16 Gupta Empire
Chapter- 5 Realms of Earth

English
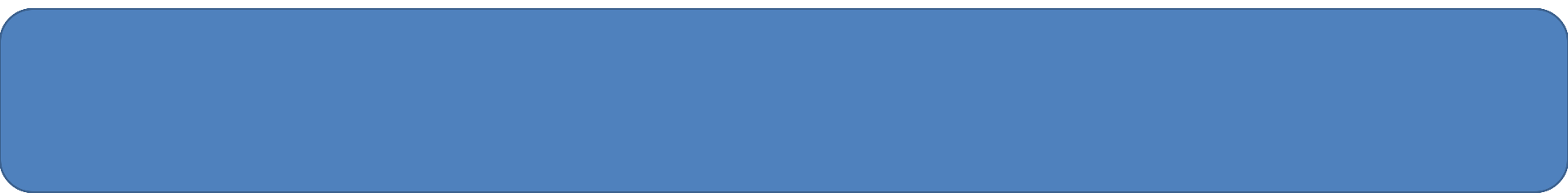Chapter - 7 Bharat Desh (poem)
Chapter- 8 Hanuman and I
Grammar (Tenses Part 1,2,3)
Writing skills (Paragraph
                        Letter-Informal and formal

UNIT TEST 2 SYLLABUS

CLASS - 7TH

Mathematics

Chapter 6 Algebraic Expressions

Social Science

Ch-5 Water surrounding the Earth
Ch-23 Advertising and Democracy
Ch-15 Mughal Empire

Science

Chapter -2(Nutrition in living organisms-Animals and Man)
Chapter -4(Acids,Bases abd Salts)

English

LITERATURE
1. The Spider and The Fly (Poem)
2. A Stormy Adventure

GRAMMAR
1. Modals
2. Passive Voice

Writing Section
1. Article Writing
2. Letter Writing

हिंदी

पाठ - 11 उस रात की बात

पाठ- 12 दोहे

(ज्ञान सागर और अभ्यास सागर दोनों पुस्तकों में से)

(अपठित गद्यांश MCQ)

ਪੰਜਾਬੀ

ਪਾਠ-11 ਪੱਖੀ ਘੁੰਗਰੂਆਂ ਵਾਲੀ (ਛੋਟੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ ਤੇ ਸ਼ਬਦ-ਅਰਥ)

ਪਾਠ-13 ਇੱਲ੍ ਤੇ ਕੁੱਕੜ (ਵੱਡੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਤੇ ਕਿਸ ਨੇ ਕਿਸ ਨੂੰ ਕਿਹਾ)

ਲਿੰਗ ਬਦਲੋ । ਪੰਨਾ ਨੰ:59,60 (ਘੋੜਾ ਤੋਂ ਝੋਟਾ ਤੱਕ)

ਅਨਡਿੱਠਾ ਪੈਰਾ।

UNIT TEST -1ˢᵗ SYLLABUS
CLASS -8ᵗʰ

SCIENCE

1. Chapter -3(Metals and Non-Metals)
2. Chapter -15(Reaching the age of adolescence)

PUNJABI

1. ਪਾਠ-11 ਪਹਿਚਾਣ (ਸ਼ਬਦ ਅਰਥ ਤੇ ਛੋਟੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ)

2. ਪਾਠ-14 ਫੁੱਲਾਂ ਦੇ ਹੰਝੂ (ਵੱਡੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ ਤੇ ਕਿਸ ਨੇ ਕਿਸ ਨੂੰ ਕਿਹਾ)

ਅਸ਼ੁੱਧ-ਸ਼ੁੱਧ ਸ਼ਬਦ (ਪੰਨਾ ਨੰ:83-85) , ਵਿਰੋਧੀ ਸ਼ਬਦ (ਪੰਨਾ ਨੰ:90-91) ,ਮੁਹਾਵਰੇ (ਸ-ਹ)

SOCIAL SCIENCE

1. Ch-7 Human Resource
2. Ch- 12 Impact of British Rule on India
3. Ch-19 The Union Government: Executive

HINDI

1. पाठ: पौधे के पंख(ज्ञान सागर +अभ्यास सागर)

2. पाठ: सूर और तुलसी के पद (ज्ञान सागर+अभ्यास सागर)

रचनात्मक लेखन: पत्र लेखन(औपचारिक और अनौपचारिक)

MATHEMATICS

Chapter - Compound Interest
Chapter - Linear Equations in one variable

ENGLISH

Literature
1. The Case of Sharp eyed Jeweller
2. Couplets

Grammar
1. Linkers
2. Active Passive

Writing
   Speech Writing

English(COMMUNICATIVE)

LITERATURE

1.Keeping It From Harold

2.The Seven Ages(Poem)

GRAMMAR

1.Tenses

2.Editing

3.Rearrangement

WRITING

1.Notice Writing

Punjabi

ਪਾਠ- ਬੱਸ ਕੰਡਕਟਰ

ਪਾਠ - ਖੁਸ਼ੀਆਂ ਆਪੇ ਨਹੀਂ ਆਉਂਦੀਆਂ

ਕਵਿਤਾ - ਨਵੀਂ ਪੁਰਾਣੀ ਤਹਿਜ਼ੀਬ

Hindi

स्पर्श: गद्य खंड: पाठ: वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकटरमन

पद्य खंड: अग्निपथ

संचयन: मेरा छोटा सा निजी पुस्तकालय

व्याकरण: शब्द और पद, विराम चिह्न

Social Science

Ch- Nazism and Rise of Hitler (History)
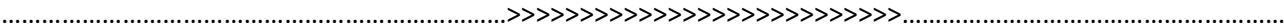
Ch- Electroral Politics (Pol. Science)

Ch- Resources and Development (Geog.10th)

Science

Ch 3 (Atoms and Molecules)

Ch 10 (Work and Energy)

Chapter - Number System

Chapter - Surface Areas and

      Volumes (10th)

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UT – I SYLLABUS FOR THE YEAR 2025-26
Class: 10th

English

Literature
A Shady Plot
Snake
Grammar
Tenses
Editing
Rearrangement
Writing
Formal letter

Punjabi

ਪਾਠ- ਧਰਤੀ ਹੇਠਲਾ ਬਲਦ

ਪਾਠ - ਮੇਰੇ ਵੱਡੇ-ਵਡੇਰੇ

ਕਵਿਤਾ - ਸਤਿਗੁਰੂ ਨਾਨਕ ਪ੍ਰਗਟਿਆ

Hindi

कविता- मनुष्यता

पाठ- पतझर में टूटी पत्तियाँ 1. गिन्नी का सोना 2. झेन की देन

व्याकरण- 1.पदबंध 2.वाक्य रूपांतरण 3. समास 4. मुहावरे

S. Science

Ch1. Political parties (political science)
Ch2.Money and credit (economics)
Ch3.Print culture (History)

Science

Chapter: How do organisms Reproduce.
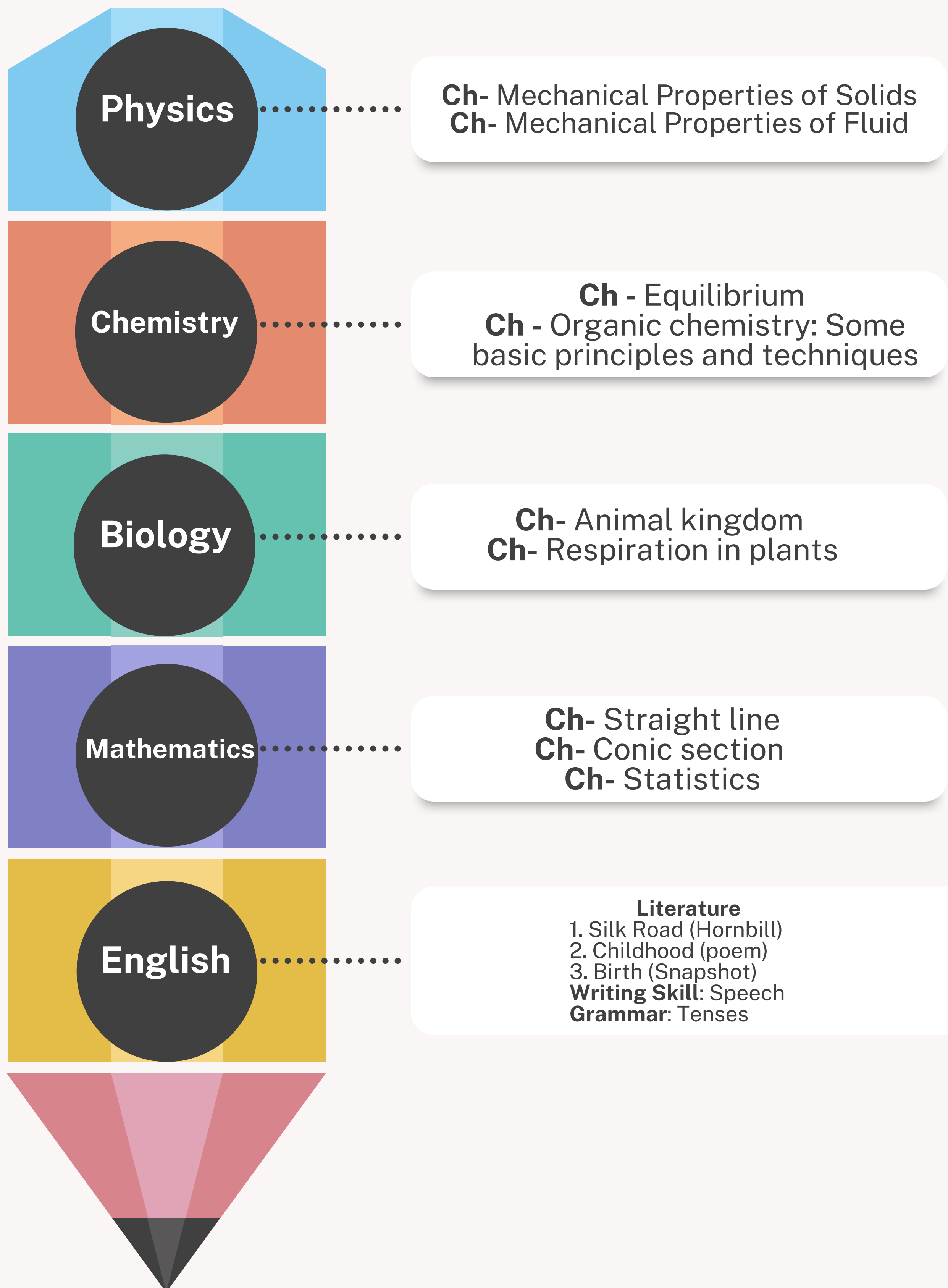Chapter: Carbon and its compounds

Math

Chapter - Real Numbers
Chapter - Circles
Chapter - Area related to Circles

UNIT TEST-2 SYLLABUS CLASS: XI SCI

Physics

Ch- Mechanical Properties of Solids
Ch- Mechanical Properties of Fluid

Chemistry

Ch - Equilibrium
Ch - Organic chemistry: Some basic principles and techniques

Biology

Ch- Animal kingdom
Ch- Respiration in plants

Mathematics

Ch- Straight line
Ch- Conic section
Ch- Statistics

English

Literature
1. Silk Road (Hornbill)
2. Childhood (poem)
3. Birth (Snapshot)
Writing Skill: Speech
Grammar: Tenses

UNIT TEST-2 SYLLABUS CLASS: XI SCI

Physical Education

Ch- Test, Measurements & Evaluation
Ch- Fundamentals of Anatomy and Physiology in sports

Informatic Practices

Unit 3: Database concepts and the Structured Query Language
Database Concepts: Introduction to database concepts and its need, Database Management System.
Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key
Advantages of using Structured Query Language, Data Definition Language, Data
Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types
Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER
Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL Data Manipulation: INSERT, DELETE, UPDATE
Unit 4: Introduction to the Emerging Trends
Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things(IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.

Music

Unit -1
Jati and laya
Margi Sangeet and deshi Sangeet.
Units -2
Dhrupad and Khayal
Units -3
Life sketch V.N.Bhatkhande
Units -4
Description of talas Notation Ektala
Knowledge of the structure of Tanpura.
Units -5
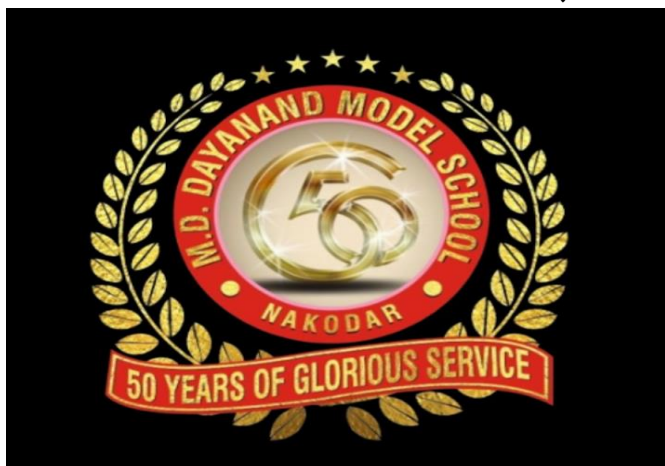Raga Bihag

SUBJECT	CHAPTERS/UNITS
ACCOUNTANCY	- Bank Reconciliation Statement - Depreciation - Accounts from Incomplete Records
BUSINESS STUDIES	- International Trade - Sources of Business Finance - Emerging Modes of Business
ECONOMICS	**Statistics** Ch 3: Census and Sample Method Ch 6: Diagrammatic presentation of data **Micro Economics:-** Ch 10: Producer's Equilibrium Ch 11: Theory of Supply
INFORMATICS PRACTICE	**Unit 3: Database concepts and the Structured Query Language** Database Concepts: Introduction to database concepts and its need, Database Management System. Relational data model: Concept of domain, tuple, relation, candidate key, primary key, alternate key Advantages of using Structured Query Language, Data Definition Language, Data Query Language and Data Manipulation Language, Introduction to MySQL, creating a database using MySQL, Data Types Data Definition: CREATE DATABASE, CREATE TABLE, DROP, ALTER Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL Data Manipulation: INSERT, DELETE, UPDATE **Unit 4: Introduction to the Emerging Trends** Artificial Intelligence, Machine Learning, Natural Language Processing, Immersive experience (AR, VR), Robotics, Big data and its characteristics, Internet of Things (IoT), Sensors, Smart cities, Cloud Computing and Cloud Services (SaaS, IaaS, PaaS); Grid Computing, Block chain technology.

BANKING	• Laws Related to Negotiable Instruments • Entrepreneurial Skills
ENGLISH	**Literature:-** Silk Road (Hornbill) Childhood (Poem) Birth (Snapshot) **Writing Skill :-** Speech **Grammar:-** Tenses
PHYSICAL EDUCATION	Unit 6:- Test, Measurements and Evaluation Unit 7:- Fundamentals of Anatomy and Physiology in Sports
MATHEMATICS	• Straight Line • Conic section • Statistics

MUSIC	Unit -1
	    Jati and laya
	    Margi Sangeet and deshi
	    Sangeet
	Unit -2
	    Dhrupad and Khayal
	Unit -3
	    Life sketch V.N.Bhatkhande
	Unit -4
	    Description of talas Notation Ektala
	    Knowledge of the structure of Tanpura
	Unit -5
	    Raga Bihag

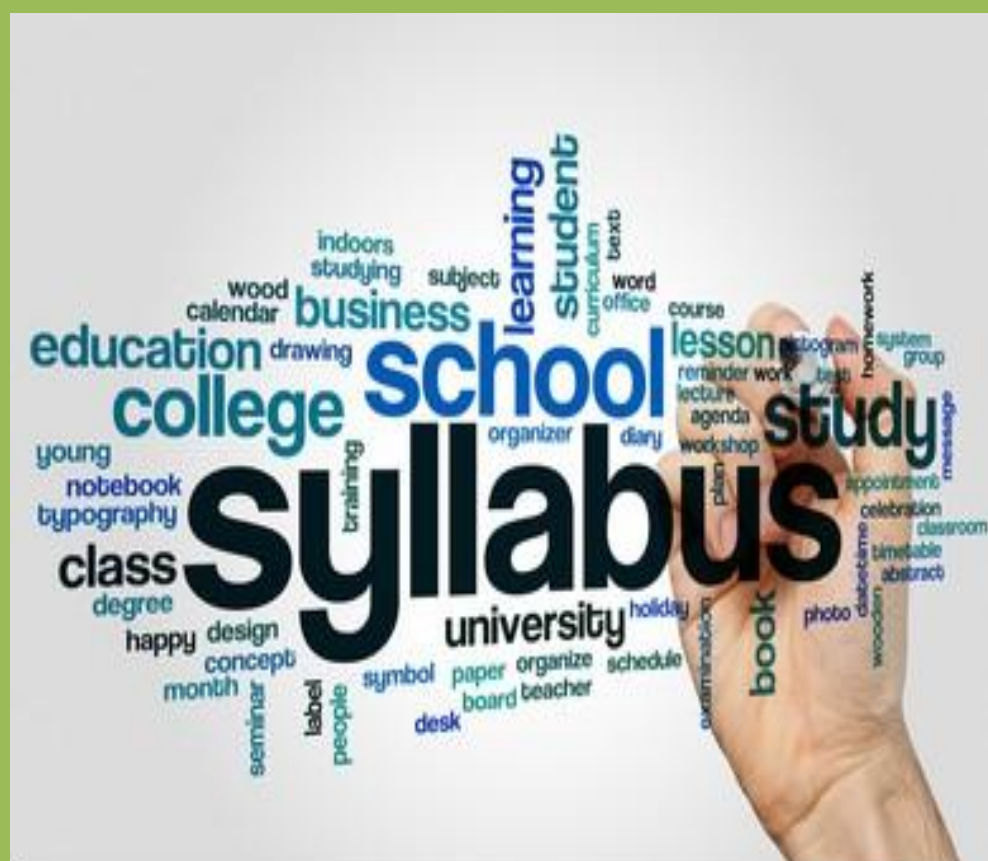| SUBJECT	SYLLABUS
ENGLISH	**Literature** **1.** The Interview (Flamingo) **2**. Keeping Quiet (Poem) **3.** On the face of it (Vistas) **4. Writing Skill:** Invitations and Replies (Formal and Informal)
ECONOMICS	**PART A: MACRO ECONOMICS** **UNIT-4:** GOVERNMENT BUDGET AND THE ECONOMY **UNIT-5:** BALANCE OF PAYMENTS (ONLY BoP) **PART B: INDIAN ECONOMIC DEVELOPMENT** **UNIT-7:** CURRENT CHALLENGES FACING INDIAN ECONOMY **CH-** SUSTAINABLE DEVELOPMENT
ACCOUNTANCY	**Unit:** Accounting for Share capital **Unit:** Issue of debentures
BUSINESS STUDIES	**Unit:** Directing **Unit:** Controlling
BANKING	**Unit 4:** Basics of business mathematics **Unit 5:** Reserve Bank of India
PHYSICAL EDUCATION	**Unit - 6** Test and Management in sports **Unit - 7** Physiology & Injuries in sports
INFORMATION PRACTICE	**Unit 1: Data Handling using Pandas -I** Introduction to Python libraries- Pandas, Matplotlib;Data structures in Pandas - Series and Data Frames.

	Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head() and Tail() functions; Selection, Indexing and Slicing.
	Data Frames: creation- from dictionary of Series, list of dictionaries, Text/CSV files,display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing;
	Importing/Exporting Data between CSV files and Data Frames.
	Data Visualization
	Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram
	Customizing plots: adding label, title, and legend in plots.
	Unit 4: Societal Impacts
	Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open source software (FOSS),cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act.
	E-waste: hazards and management.Awareness about health concerns related to the usage of technology.
MATHEMATICS	**Ch 1.** Probability **Ch 2.** Relation and Function **Ch 3.** Three dimensional geometry
MUSIC	**Unit -1** Gamak ,Gram , Murchana . **Units -2** Historical development of time theory of ragas. **Units-3** Sangeet Ratnakar and Sangeet parijat . Krishna Rao Shankar pandit. **Units -4** Tala Dhamar and Tuning of tanpura. **Units -5** Raga Bageshwari and raga Malkauns.

2025-26

SYLLABUS (UT- II)
CLASS- XII (SCIENCE)

ENGLISH 301	Physics 042
Literature 　1. The Interview (Flamingo) 　2. Keeping Quiet (Poem) 　3. On the face of it (Vistas) **Writing Skill:** Invitations and Replies 　　　　　　　(Formal and Informal)	1. Ray Optics and Optical Instruments 2. Wave Optics

Chemistry 043	Mathematics 041
Ch 3 chemical kinetics Ch 5 Coordination compounds	Ch 1.Probability Ch 2 Relation and Function. Ch 3 Three dimensional geometry

Biology 044	Physical Education 048
1)Microbes in human welfare 2)Biotechnology: principles and processes 3) Biotechnology and it's applications	Unit - 6 Test and Management in sports Unit - 7 Physiology & Injuries in sports

IP 065

Unit 1: Data Handling using Pandas -I

Introduction to Python libraries- Pandas, Matplotlib;Data structures in Pandas - Series and Data Frames.

Series: Creation of Series from – ndarray, dictionary, scalar value; mathematical operations; Head() and Tail() functions; Selection, Indexing and Slicing.

Data Frames: creation- from dictionary of Series, list of dictionaries, Text/CSV files,display; iteration; Operations on rows and columns: add, select, delete, rename; Head and Tail functions; Indexing using Labels, Boolean Indexing;

Importing/Exporting Data between CSV files and Data Frames.

Data Visualization

Purpose of plotting; drawing and saving following types of plots using Matplotlib – line plot, bar graph, histogram

Customizing plots: adding label, title, and legend in plots.

Unit 4: Societal Impacts

Digital footprint, net and communication etiquettes, data protection, intellectual property rights (IPR), plagiarism, licensing and copyright, free and open source software (FOSS),cybercrime and cyber laws, hacking, phishing, cyber bullying, overview of Indian IT Act.

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