



Term-1

Syllabus of 3rd class

English

English Reader

Ch-1. Dolphins,

Ch-2. Canary

Ch-3. At the zoo,

Ch-4. Ostrich and the hedgehog

Ch-5. God of river, poem trees are the kindest things

Ch-6. Mino and Dino

Practice book

1. Naming words

2. replacing words

3. How many

4. Describing words,

Paragraph writing, application writing, comprehension, picture

Composition

Maths

Unit 1- Numbers up to 9999

Unit 2- Addition

Unit3-Subtraction

Unit 4-Multiplication

Unit 7 – Money

Unit 8 – Length

Tables: 2 to 15 with dodging.

Roman Numbers: 1 to 50

Science

Ch 1. My Body

Ch. 2. Plants Around Us

Ch. 3. Leaf

Ch. 4. Important of Plants

Ch. 5. Animals

Social science

L-1 The family

L-2 Family similarities

L-3 Our food

L-4 Our dresses

L-5 The Early man

L-6 Learning about work Including dictation words, back exercise, Comprehension, map work,case based qus

Punjabi

ਪਾਠ 1 ਸਿਮਰਨ ਦੀ ਛੋਟੀ ਭੈਣ

ਪਾਠ 2 ਆਪੇ ਆਪਣੀ ਬੋਲੀ

ਪਾਠ 3 ਮਾਣੇ ਤੇ ਰਾਣੇ

ਪਾਠ 4 ਕੋਣ ਕੀ ਕਰਦਾ ਹੈ

ਪਾਠ 6 ਸੀਮਾ ਦੇ ਸੱਟ ਕਿਉਂ ਲੱਗੀ

ਪਾਠ 7 ਜਦੋਂ ਮੈਂ ਭੂਆ ਘਰ ਗਈ

(ਬੋਲ ਲਿਖਤ, ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਸ਼ਬਦ ਅਰਥ, ਪਿਛਲਾ ਅਭਿਆਸ, ਪਾਠ ਦੇ ਵਿੱਚੋਂ)

ਪਾਠ 5 ਰਾਤੀਂ ਮੈਨੂੰ ਸੁਪਨਾ ਆਇਆ (ਕਵਿਤਾ) ਕਾਵਿ ਸਤਰਾਂ

•ਵਿਆਕਰਨ

ਲੇਖ ਮੇਰਾ ਮਿੱਤਰ/ ਸਹੇਲੀ. ਗਾਂ

ਵਚਨ ਬਦਲੇ (ਪੰਨਾ ਨੰਬਰ 46)

ਲਿੰਗ ਬਦਲੇ (ਪੰਨਾ ਨੰਬਰ 41)

ਅਣਡਿੱਠਾ ਪੈਰਾ

ਚਿੱਤਰ ਵਰਣਨ

Hindi

ਪਾਠ-2 ਭਾਰਤ ਦੇਸ਼

ਪਾਠ -3 ਹਾਥੀ ਔਰ ਚਿੜਿਆ

ਪਾਠ -5 ਬਹਾਦੁਰ ਦੋਸਤ

ਪਾਠ- 6 ਘਸੰਡੀ ਸਕਥੀ

ਪਾਠ 7 ਦਾਦਾ ਜੀ

ਪਾਠ 8 ਅਗਰ ਪੇੜ ਭੀ ਚਲਤੇ ਹੋਤੇ

ਵਿਆਕਰਨ:-

अपठित गद्यांश,पत्र,प्रार्थना पत्र,अनुच्छेद, चित्र वर्णन ,संज्ञा,क्रिया ,लिंग बदलो,वचन बदलो,
विलोम शब्द ,समानार्थी ,समान लय वाले शब्द।

Gk

1 to 32 (pages)

Naitik shiksha

पाठ 1 से 7 तक

आर्य समाज के नियम

1 से 5 तक

Art

Step by step pg no. 1-20

Primary, secondary colours

Fun with primary and secondary colours

Warm and cool.colour.

Colour using dot

Numbers drawing and hand drawing Card making on any festival

Craft-paper rabbit and boat.

**SYLLABUS
FOR
CLASS 4TH
TERM I
SESSION 2024 - 25**



**M.D. DAYANAND MODEL SCHOOL
NAKODAR**

ENGLISH

English Reader

Chapter - A True Friend

Chapter - Mix up at Birth

Chapter - Travel Plans (Poem and Jungle Safari)

English Practice

Naming Words

Pronoun

Preposition

Determiners

Describing Words

WRITING TASK

- Paragraph Writing
- Application /Letter Writing
- Picture Composition

READING

Comprehension Passage

MATHEMATICS

Unit 1 - Numbers up to 9,99,999

Unit 2 - Addition and Subtraction

Unit 3 - Multiplication

Unit 5 - Length

Unit 8 - Time and Calendar

Unit 11 - Perimeter

Unit 14 - Fun with Patterns

Tables : 2 to 15 with dodging.

Roman Numbers :1 to 50

SOCIAL SCIENCE

Ch: 1 Family Relationships

Ch: 2 Sensitivity towards others.

Ch: 3 Celebrating Our Diversity. (Only for Reading)

Ch: 4 An Ideal Home.

Ch: 5 Bricks and Bridges.

Ch: 6 Waste Management

Ch: 7 The works we do.

PUNJABI

ਪਾਠ 1 ਆਓ ਸਿੱਖੀਏ

ਪਾਠ 2 ਸਾਇਕਲ ਦੇ ਝੂਟੇ

ਪਾਠ 3 ਮਿਹਨਤ ਦਾ ਫਲ

ਪਾਠ 4 ਘੜੀ ਦੀ ਚਾਲ(ਬੇਲ ਲਿਖਤ, ਪ੍ਰਸ਼ਨ ਉੱਤਰ, ਸ਼ਬਦ ਅਰਥ, ਪਿਛਲਾ ਅਭਿਆਸ, ਪਾਠ ਦੇ ਵਿੱਚੋਂ)

ਪਾਠ 5 ਐਥੇ ਕੋਈ ਵਿਹਲਾ ਨਹੀਂ

ਪਾਠ 6 ਫੁੱਲ ਨਾ ਤੇੜੇ (ਛੋਟੇ ਪ੍ਰਸ਼ਨ)

ਪਾਠ-7 ਮੇਰੀ ਮਾਂ (ਕਵਿਤਾ ਉਚਾਰਨ)

ਵਿਆਕਰਨ

ਪਾਠ 1 ਭਾਸ਼ਾ ਜਾਂ ਬੋਲੀ

ਪਾਠ 3 ਵਰਨ ਬੋਧ (ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)

ਵਚਨ ਬਦਲੋ (ਪੰਨਾ ਨੰਬਰ 51)

ਲਿੰਗ ਬਦਲੋ (ਪੰਨਾ ਨੰਬਰ 45)

ਲੇਖ - ਕੋਇਲ, ਮੇਰੀ ਅਧਿਆਪਿਕਾ

ਅਰਜ਼ੀ/ਪੱਤਰ –

1 ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਬਿਮਾਰੀ ਦੀ ਛੁੱਟੀ ਲਈ ਬਿਨੈ-ਪੱਤਰ

2 ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਜ਼ਰੂਰੀ ਕੰਮ ਦੀ ਛੁੱਟੀ ਲਈ ਬਿਨੈ-ਪੱਤਰ।

ਅਣਡਿੱਠਾ ਪੈਰਾ

ਚਿੱਤਰ ਵਰਣਨ

SCIENCE

- Ch-1** (My Body)
Ch-2 (Plants)
Ch-3 (Flowers and Fruits)
Ch-4 (Plants Around Us)
Ch-5 (Birds - Beaks and Claws)

HINDI

पाठ 2 उल्टा पुल्टा

पाठ 3 अनोखा ढंग

पाठ 4 मित्रता

पाठ 6 पहली बारिश

पाठ 7 दादी का रेडियो

पाठ 8 किस्से कहावतों की दुनिया

व्याकरण - अपठित गद्यांश ,अनुच्छेद ,पत्र ,प्रार्थना पत्र ,चित्र वर्णन ,संवाद ,वचन बदलो ,लिंग बदलो, विलोम शब्द पर्यायवाची, संज्ञा , सर्वनाम ।

नैतिक शिक्षा

पाठ – 1 से 7

आर्य समाज के नियम - 1 से 5

G.K

Page Number : 1 to 34

ART AND CRAFT

- 1.** Step by Step Page No. 1 to 20
- 2.** Composition using colour lines.
- 3.** Complementary colours
- 4.** Birthday card and festival card
- 5.** Blow painting
- 6.** Perspective of seascape
- 7.** Paper cutting collage
- 8.** Landscape
- 9.** Craft- birds, butterfly



Syllabus for Class 5th

Term - 1 , Session 2024 - 25

Science

Ch-1 (My Body)

Ch-2 (Plants)

Ch-3 (Forest)

Ch-4 (Animals Our Friends)

Ch-5 (Food and Health)

Ch-6 (Spoilage and wastage of Food and food Preservation)

Mathematics

Unit 1: Numbers up to 99,99,99,999

Unit 2: Operation on large numbers

Unit 3: Multiple and Factors

Unit 5: Decimal

Unit 10: Average

Unit 14: Bills

Unit 15: Temperature

Unit 16: Triangle

Hindi

- पाठ - 2 लौह पुरुष
- पाठ - 3 पेड़
- पाठ - 5 दो पहलवान
- पाठ - 6 नदी यहाँ पर
- पाठ - 8 टपके का डर
- पाठ - 9 अजंता की सैर
- पाठ - 11 बिरसा मुंडा

व्याकरण - संज्ञा , सर्वनाम ,अपठित गद्यांश, पठित काव्यांश ,अनुच्छेद, संग्रह ,पत्र ,प्रार्थना
पत्र अनेक शब्दों के लिए एक शब्द, चित्र वर्णन, पर्यायवाची ।

Punjabi

- ਪਾਠ 1 ਅਹੁ ਵੇਖੋ ਇੱਕ ਤਿਤਲੀ ਆਈ।(ਸ਼ਬਦ ਅਰਥ, ਕਾਵਿ ਟੁਕੜੀ)
- ਪਾਠ 2 ਬੰਟੀ ਤੇ ਤਿਤਲੀ
- ਪਾਠ 3 ਵੱਡਾ ਕੋਣ
(ਬੋਲ ਲਿਖਤ, ਪ੍ਰਸ਼ਨ ਉੱਤਰ, ਸ਼ਬਦ ਅਰਥ, ਪਿਛਲਾ ਅਭਿਆਸ, ਪਾਠ ਦੇ ਵਿੱਚੋਂ)
- ਪਾਠ 4 ਚੰਗੀਆਂ ਆਦਤਾਂ(ਕੇਂਦਰੀ ਭਾਵ
- ਪਾਠ 5 ਰਾਜੂ ਬਦਲ ਗਿਆ।
- ਪਾਠ 6 ਨਾਨੀ ਦੀਆਂ ਮਿੱਠੀਆਂ ਗੱਲਾਂ।
(ਬੋਲ ਲਿਖਤ, ਸ਼ਬਦ ਅਰਥ, ਛੋਟੇ ਪ੍ਰਸ਼ਨ)
- ਪਾਠ -7 ਬੇਰੀ(ਸਾਰ,ਕਾਵਿ-ਟੁਕੜੀ)
ਵਿਆਕਰਨ
- ਪਾਠ 7 ਨਾਂਵ (ਪਰਿਭਾਸ਼ਾ ਤੇ ਕਿਸਮਾਂ ,ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)
- ਪਾਠ 11 ਵਿਸ਼ੇਸ਼ਣ
(ਬਹੁ ਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)
- ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ(1 ਤੋਂ 15)
- ਵਿਰੋਧੀ ਸ਼ਬਦ (ਚੰਗਾ ਤੋਂ ਸਵਰਗ ਤੱਕ)
- ਲੇਖ-ਸੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ। ਸਵੇਰ ਦੀ ਸੈਰ।

ਅਰਜ਼ੀ/ਪੱਤਰ - 1 ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਚੁਰਮਾਨਾ ਮੁਆਫ਼ੀ ਦੀ ਅਰਜ਼ੀ

2 ਮਿੱਤਰ ਜਾਂ ਸਹੇਲੀ ਨੂੰ ਪਾਸ ਹੋਣ ਤੇ ਵਧਾਈ ਪੱਤਰ।

ਅਣਡਿੱਠਾ ਪੈਰਾ।

ਚਿੱਤਰ ਵਰਨਣ

Social Science

1. Importance of Family
2. Human Migration
3. Variation in Shelters
4. Sensitivity towards Others
5. Community Services
6. Leisure Time
7. Changing Trends in Occupation

English

My English Reader

1. Monday morning Blues
2. The tale of a tail
3. Adventure with books
4. The boy who borrowed

Practice book

1. Nouns
2. Determiners
3. Apostrophe
4. Comparisons
5. Verbs

Writing section

Paragraph writing, letter writing, Notice writing and unseen passage

Art and Craft

1. Step by step page no. 1 to20
2. Primary, secondary and tertiary colour.
3. Types of textures .
4. Tints, shades and tones.
5. Perspective composition.

G.K

Page no. 1 to 31



CLASS VI

TERM -1 SYLLABUS OF ALL SUBJECTS

ENGLISH

English Literature

- Ch. 1 How daddy decided what he wanted to be
- Ch.2 The white elephant
- Ch.3 Leisure(Poem)
- Ch.4 My Experiments with truth

Practice Book

1. Putting it together
2. Regular and Irregular verbs
3. Determiners
4. Subject Verb Agreement

Writing section

Notice Writing , Paragraph Writing , Diary Entry , Informal Letter

MATHEMATICS

- Chapter -1 (Natural Numbers and whole numbers)
- Chapter -2 (Factors and Multiples)
- Chapter -3 (Integers)
- Chapter – 6 (Introduction to Algebra)
- Chapter – 8 (Basic Geometrical concepts)
- Chapter – 9 (Line Segments)
- Chapter – 10 (Angles)
- Chapter – 11 (Transversal and Pairs of lines)

SCIENCE

- Ch-1 (Our Environment)
- Ch-3 (Nature of Matter)
- Ch-6 (Measurement & Motion)
- Ch-7 (The World of Living)
- Ch-10 (Work and Energy)
- Ch-12 (Light and Shadows)
- Ch-14 (Fabric from Fibre)

SOCIAL SCIENCE

Ch - 1 (The Planet Earth and the solar system)
Ch -2 (Studying the past)
Ch -3 (Our community life-unity in diversity)
Ch -4 (Representation of the Earth)
Ch -5(Life of Early Man)
Ch -6 (Democracy and the Government)
Ch -7 (Locating places on the Earth)
Ch -8 (The Iron Age Civilization)
Ch -9 (The Mauryan Dynasty)

PUNJABI

ਪਾਠ-ਪੁਸਤਕ ਕਿਲਕਾਰੀ

ਪਾਠ 1 ਸਾਡਾ ਦੇਸ (ਸ਼ਬਦ ਅਰਥ, ਕਾਵਿ ਟੁਕੜੀ)
ਪਾਠ 2 ਆਪਣੇ ਆਪਣੇ ਥਾਂ ਸਾਰੇ ਚੰਗੇ।(ਵੱਡੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ, ਕਿਸ ਨੇ ਕਿਸ ਨੂੰ ਕਿਹਾ)
ਪਾਠ 3 ਰੁੱਤਾਂ ਦੀ ਰਾਣੀ ਬਸੰਤ ਰੁੱਤ (ਸ਼ਬਦ ਅਰਥ,ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ)
ਪਾਠ 4 ਇੱਕ ਸੀ ਕੁਰਸੀ ਇੱਕ ਸੀ ਮੇਜ਼(ਕਾਵਿ-ਟੁਕੜੀ,ਕੇਂਦਰੀ-ਭਾਵ)
ਪਾਠ 5 ਝੂਠ ਬੋਲਣ ਦਾ ਨਤੀਜਾ (ਵੱਡੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ, ਕਿਸ ਨੇ ਕਿਸ ਨੂੰ ਕਿਹਾ)
ਪਾਠ 6 ਕਿਤੇ ਸੱਟ ਤਾਂ ਨਹੀਂ ਵੱਜੀ (ਸ਼ਬਦ ਅਰਥ, ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ)
ਪਾਠ 7 ਮੇਰੀ ਨਾਨੀ (ਕਵਿਤਾ ਦਾ ਸਾਰ)
ਪਾਠ 8 ਹੈਮਲਿਨ ਦੇ ਚੂਹੇ(ਪੜ੍ਹਨ ਕੋਸ਼ਲ)

ਪੰਜਾਬੀ ਵਿਆਕਰਨ

ਪਾਠ 7 ਨਾਂਵ(ਕਿਸਮਾਂ ਤੇ ਪਰਿਭਾਸ਼ਾ)
ਪਾਠ 10 ਪੜਨਾਂਵ(ਕਿਸਮਾਂ ਤੇ ਪਰਿਭਾਸ਼ਾ)
* ਲਿੰਗ ਬਦਲੇ (1 ਤੋਂ 30) * ਵਚਨ ਬਦਲੇ(1 ਤੋਂ 30) * ਵਿਰੋਧੀ ਸ਼ਬਦ (1ਤੋਂ 30)
* ਅਸੁੱਧ-ਸੁੱਧ (1ਤੋਂ 30) * ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (1ਤੋਂ 30)* ਮੁਹਾਵਰੇ (1ਤੋਂ 20)

ਲੇਖ-* ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ *ਟੈਲੀਵਿਜ਼ਨ ਦੇ ਲਾਭ ਹਾਨੀਆਂ। *ਸੁਤੰਤਰਤਾ ਦਿਵਸ।

ਅਰਜ਼ੀ/ਪੱਤਰ - 1 ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਸ਼ੈਕਸਨ ਬਦਲਣ ਲਈ ਬਿਨੈ ਪੱਤਰ ਲਿਖੋ।

2.ਛੱਤ ਬੀੜ ਚਿੜੀਆ-ਘਰ ਵੇਖਣ ਜਾਣ ਦੀ ਪ੍ਰਵਾਨਗੀ ਲੈਣ ਲਈ ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਬਿਨੈ-ਪੱਤਰ ਲਿਖੋ।

3.ਆਪਣੇ ਮਿੱਤਰ/ਸਹੇਲੀ ਨੂੰ ਪਾਸ ਹੋਣ ਤੇ ਵਧਾਈ ਪੱਤਰ।

***ਅਣਡਿੱਠਾ ਪੈਰਾ *ਚਿੱਤਰ ਵਰਣਨ**

HINDI

(पाठ्यपुस्तक -ज्ञान सागर+अभ्यास सागर)

पाठ 1 साथी हाथ बढ़ाना

पाठ 2 चिट्ठी के अक्षर

पाठ 3 बरसते जल के रूप अनेक

पाठ 4 पुरस्कार

पाठ 6 अनोखा वरदान

पाठ 7 सुंदरलाल

पाठ 9 दोहे

रचनात्मक लेखन कार्य- अनुच्छेद, पत्रलेखन (औपचारिक /अनौपचारिक), सूचना , चित्र वर्णन, स्लोगन, अपठित गद्यांश, पठित काव्यांश ।

GENERAL KNOWLEDGE (G.K)

Page no. 1 to 43

ART AND CRAFT

Step by step page no. 1- 20

1. Mirror art on cardboard
2. Wall hanging
3. Elements of art
4. Principle's of art
5. Colour wheel
6. Drawing tools

Syllabus
For Class
- 7th
Term - 1st
Session : 2024-25



M.D. Dayanand Model
School Nakodar



Edit with WPS Office

Mathematics

1. Rational Numbers
2. Operations on Rational Numbers
3. Rational numbers as Decimals
4. Exponents and powers
5. Applications of percentage
6. Data handling

Science

- Ch-1 (Nutrition in living organisms-Plants)
- Ch-3 (Chemical substances and processes)
- Ch-6 (Motion and Time)
- Ch-7 (Respiration in Organisms)
- Ch-11(Electric charges at rest)
- Ch-13 (Weather, climate and adaptation of animals) (Only for reading and subject in enrichment activity)
- Ch-14 (Fabric and fibre)
- Ch-16 (Water)

Social Science

1. Components of the Environment
 2. The Earth and the changes on it
 3. The surface and interior of the earth
 4. Medieval period
 5. Delhi Sultanate
 6. Regional Powers
 7. Democracy and Equality
 8. Our state Governments
 9. Media-The mainstay of Democracy
- NOTE: Map skill will be related to the chapters.



Punjabi

ਪਾਠਕ੍ਰਮ

ਜਮਾਤ-ਸੱਤਵੀਂ- ਇਕਾਈ ਪਹਿਲੀ

ਪੁਸਤਕ ਕਿਲਕਾਰੀ: ਪਾਠ- 3, 6 (ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਤੇ ਸ਼ਬਦ ਅਰਥ), ਪਾਠ- 2, 5, 8 (ਵੱਡੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ ਤੇ ਕਿਸ ਨੇ ਕਿਸਨੂੰ ਕਿਹਾ), ਪਾਠ-1 (ਕਾਵਿ-ਟੁੱਕੜੀ), ਪਾਠ-7 (ਕੇਂਦਰੀ ਭਾਵ)

ਲੇਖ- ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ, ਪ੍ਰਦੂਸ਼ਣ

ਅਰਜ਼ੀ/ਪੱਤਰ- ਸੈਕਸ਼ਨ ਬਦਲਣ ਲਈ, ਛੋਟੇ ਭਰਾ ਨੂੰ ਪ੍ਰੇਰਨਾ ਪੱਤਰ, ਸਾਫ਼-ਸਫ਼ਾਈ ਲਈ ਮੇਅਰ ਨੂੰ ਪੱਤਰ।

ਵਿਆਕਰਨ- ਲਿੰਗ ਬਦਲੇ (1-30), ਅਸੁੱਧ-ਸੁੱਧ (1-30), ਪਿਛੇਤਰ (1-19), ਮੁਹਾਵਰੇ (21-40), ਵਿਸਰਾਮ ਚਿੰਨ੍ਹ (ਸਾਰੇ), ਵਿਰੋਧੀ ਸ਼ਬਦ (1-30), ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (1-20), ਅਣਡਿੱਠਾ ਪੈਰਾ, ਤਸਵੀਰ ਵਰਨਣ।

Hindi

ਪਾਠਯਪੁਸਤਕ -(ਜ਼ਾਨ ਸਾਗਰ ਵ ਅਭਿਆਸ ਸਾਗਰ)

ਪਾਠ 1 ਬਾਰਹਮਾਸਾ

ਪਾਠ 2 ਨਾਟਕ ਮੈਂ ਨਾਟਕ

ਪਾਠ 3 ਨਿਰਮਲਾ ਸਾੱਪ ਔਰ ਸਯਾਲ

ਪਾਠ 4 ਬਾਤੂਨੀ

ਪਾਠ 6 ਸਮਯ (ਕਵਿਤਾ)

ਪਾਠ 7 ਸਕੂਲ ਕੀ ਛੁਟਿਯਾँ

ਪਾਠ 8 ਏਕਰੇਸਟ ਕੀ ਚੁਨੌਤੀ

ਪਾਠ 9 ਸਵਾਲ ਕਾ ਜਵਾਬ

ਲੇਖਨ ਕਾਰਯ--ਅਨੁਛੇਦ, ਪਤਰ/ਪ੍ਰਾਰਥਨਾ ਪਤਰ ਲੇਖਨ (ਔਪਚਾਰਿਕ/ਅਨੌਪਚਾਰਿਕ),
ਚਿਤਰ ਵਰਨਿ ,ਸੰਵਾਦ ਲੇਖਨ, ਸੂਚਨਾ , ਅਪਠਿਤ ਗਘਾਂਸ਼, ਪਠਿਤ ਕਾਵਯਾਂਸ਼।

English (2024-25)

MONTH	TOPIC
APRIL	LITERATURE: Chapter-1 Monkey Trouble Activities- Students will be asked to write about the importance of pets in their life. Chapter-2- Birdie, Will you pet? Activities- -Group discussion, Art-integrated project. GRAMMAR: Articles, Sentences. WRITING SKILLS: Notice writing
MAY	LITERATURE: Chapter-3 A Hero Activity- Write about the character sketch of a protagonist of the chapter/Collect information about the various literary works by R.K Narayan GRAMMAR: The Compound Sentence WRITING SKILLS: Article writing, Comprehension.
JULY	LITERATURE: CHAPTER-4 Fight, Manju Fight Activities: 1.Enactment of the story /Search and Explore activity. POEM- I, Dream a world Activities-Tongue Twister (Alliteration), Game- Unscramble and Search GRAMMAR: Phrases and the clauses, WRITING SKILL- Informal letter and formal letter



General Knowledge

Page no.

1 to 4, 6,7, 9 to12, 14 to 17,19,21, 23 to 29, 31 to 33, 38 to 40, 42,43

Art

- Step by step pg no. 1-5
- Principle's of art
- Step by step pg no. 6-10
- Elements of art
- Art medium
- Step by step pg no. 11-15
- Lippen art
- Step by step pg no. 16-20
- Indian artist and paintings



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SYLLABUS
FOR
CLASS 8TH
HALF YEARLY
EXAMINATION
SESSION 2024-25



M.D. DAYANAND MODEL SCHOOL
NAKODAR

ENGLISH

ENGLISH READER (LITERATURE)

- 1.THREE QUESTIONS
- 2.GRANNY’S TREE CLIMBING(POEM)
- 3.THE FUN THEY HAD (Only for Reading)
- 4.FATHER’S HELP
- 5.MY MOTHER(POEM)
- 6.THE LUNCHEON

PRACTICE BOOK

- 1.Tenses
- 2.Narration
- 3.Subject Verb Concord
4. Modals

WRITING SKILLS

- 1.Notice Writing
- 2.Article Writing
- 3.Message Writing
- 4.Informal Letter
- 5.Diary entry

SOCIAL SCIENCE

Geography

- Ch-1 Natural resources: Utilization and development
Ch-2 Natural resources: Land, soil and water
Ch-3 Agriculture

History

- Ch-8. Modern period
Ch-10 Colonialization: Rural and tribal societies

Political science

- Ch-16 Our constitution
Ch-17 Fundamental Rights, Fundamental duties and Directive principles of state policies
Ch-18 The Union government: Legislature

Note: Map work will be from related chapters –

- Ch-3 Agriculture
Ch-10 Colonialization: Rural and tribal societies

ਪੰਜਾਬੀ

ਪੁਸਤਕ ਕਿਲਕਾਰੀ: ਪਾਠ- 3, 6 (ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ ਤੇ ਸ਼ਬਦ ਅਰਥ), ਪਾਠ- 2, 9 (ਵੱਡੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ ਤੇ ਕਿਸ ਨੇ ਕਿਸਨੂੰ ਕਿਹਾ), ਪਾਠ-1 (ਕਾਵਿ-ਟੁੱਕੜੀ), ਪਾਠ-4,7 (ਕਵਿਤਾ ਦਾ ਸਾਰ)

ਲੇਖ- ਮੇਰਾ ਪੰਜਾਬ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ, ਹਵਾ ਪ੍ਰਦੂਸ਼ਣ

ਅਰਜ਼ੀ/ਪੱਤਰ- ਭਰਾ ਦੇ ਵਿਆਹ ਲਈ ਛੁੱਟੀ ਲੈਣ ਲਈ, ਮੋਟਰ-ਸਾਈਕਲ ਚੋਰੀ ਦੀ ਰਿਪੋਰਟ ਲਿਖਵਾਉਣ ਲਈ, ਦੇਰ ਰਾਤ ਤੱਕ ਵੱਜਦੇ ਸਪੀਕਰਾਂ ਦੀ ਸ਼ਿਕਾਇਤ ਕਰਨ ਬਾਰੇ।

ਵਿਆਕਰਨ- ਬਹੁਅਰਥਕ ਸ਼ਬਦ (ਪੰਨਾ-96), ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (1 ਤੋਂ 20), ਵਿਰੋਧੀ ਸ਼ਬਦ (ਪੰਨਾ-90), ਅਸੁੱਧ-ਸੁੱਧ (ਪੰਨਾ-122), ਅਗੇਤਰ (1-15), ਵਿਸਰਾਮ ਚਿੰਨ੍ਹ (1-6), ਮੁਹਾਵਰੇ (1-20), ਅਖਾਣ (1-16), ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁੱਕੜੀ, ਤਸਵੀਰ ਵਰਨਣ।

SCIENCE

Biology	Ch- 1 (The cell-Its structure and functions) Ch- 2 (Microorganisms: Friends and Foes) Ch- 8 (Conservation of plants and animals) (Only for reading and subject enrichment activity)
Chemistry	Ch-6 (Sources of Energy) Ch- 7 (Combustion) Ch-19 (Pollution of Air) (Only for reading and subject enrichment activity)
Physics	Ch- 4 (Force and Pressure) Ch- 11 (The Human Eye) Ch- 12 (Sound) Ch- 17 (Stars and Solar System) (Only for reading and subject enrichment activity)

MATHEMATICS

1. Squares and square roots
2. Cubes and cube roots
3. Exponents and radicals
4. Direct and Inverse Variation
7. Algebraic Expressions
8. Polynomials
13. Introduction to graphs
15. Statistics and probability

ART

1. Elements of art
2. Principal of design
3. Still life
4. Indian art and artists

G.K.

Page No. –

1,2,6,7,8,12,14,15,16,18,19,20,26,27,38,39,42,43,44,49,51,52,56,57,58,59,62,64,65,70,71,73,75,76,79

हिंदी

पाठ्यपुस्तक -(ज्ञान सागर व अभ्यास सागर)

पाठ 1 हम पंछी उन्मुक्त गगन के (कविता)

पाठ 2 असल धन

पाठ 4 दोपहरी(कविता)

पाठ 6 आश्रम के अतिथि और संस्मरण

पाठ 7 अन्याय के खिलाफ़ लड़ाई

पाठ 8 दोहे

पाठ 10 बातचीत की कला

अपठित गद्यांश

व्यावहारिक व्याकरण--ज्ञान सागर अभ्यास सागर पर आधारित

रचनात्मक लेखन--अनुच्छेद लेखन, पत्र लेखन (औपचारिक, अनौपचारिक), सूचना लेखन, संवाद लेखन, अपठित गद्यांश, पठित गद्यांश, पठित काव्यांश

नैतिक शिक्षा

पाठ 1 ओम ध्वज (अर्थ एवं महत्व)

पाठ 2 ईश्वर का सर्वश्रेष्ठ नाम

पाठ 3 आत्मबोध

पाठ 4 गीता के श्लोक (अर्थ एवं उद्देश्य)

पाठ 5 गायत्री जप का प्रभाव

पाठ 6 संस्कृत भाषा

पाठ 7 राष्ट्रभाषा हिंदी

पाठ 8 पंच महायज्ञ

पाठ 9 डी.ए.वी. गान

पाठ 10 योग की पहली सीढ़ी-यम

M.D.DAYANAND MODEL
SCHOOL ,NAKODAR



SYLLABUS

HALF YEARLY EXAMINATION

SESSION 2024-25

CLASS -9TH

Science

Chemistry	Ch-1 Matter in our Surroundings Ch- 2 Is matter around us Pure? Ch-3 Atoms and Molecules
Biology	Ch- 5 Fundamental unit of Life Ch- 12 Improvement in Food Resources
Physics	Ch- 7 Motion Ch- 8 Force and Laws of Motion Ch- 9 Gravitation

Mathematics

Ch-2 Polynomials

Ch-3 Coordinate Geometry

Ch-4 Linear Equations in Two Variables

Ch-5 Introduction to Euclid's Geometry

Ch-6 Lines and Angles

Ch-7 Triangles

Ch-10 Heron's Formula

Ch-12 Statistics

Social Science

History	1. French Revolution 2. Socialism in Europe and Russian Revolution
Geography	1. India- Size and Location 2. Physical Features of India 3. Drainage
Democratic politics	1. What is Democracy? Why Democracy? 2. Constitutional Design
Economics	1. People as Resources 2. Poverty as a Challenge

NOTE: Map Skill will be related to the chapters as instructed in the Class.

English

LITERATURE BOOK 1.How I taught My Grandmother to Read? 2.The Brook. 3 A Dog Named Duke. 4.The Road Not Taken. (Poem) 5.The Men Who Knew Too Much 6.The Solitary Reaper. (Poem)	Grammar 1.Tenses. 2.Modals. 3.Subject Verb Concord.	Writing Skills Notice Writing Dialogue Writing Informal Letter Paragraph Writing
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Punjabi

ਪਾਠ-ਪੁਸਤਕ : ਸਾਹਿਤ ਮਾਲਾ

- ਕਾਵਿ ਰਚਨਾਵਾਂ :- (1) ਸਮਾਂ
(2) ਵਿਸਾਖੀ ਦਾ ਮੇਲਾ
(3) ਮੈ ਪੰਜਾਬੀ

- ਵਾਰਤਕ :- (1) ਵਹਿਮੀ ਤਾਇਆ
(2) ਮੁੜ ਵੇਖਿਆ ਪਿੰਡ

ਪਾਠ-ਪੁਸਤਕ : ਵੰਨਗੀ

- ਇਕਾਂਗੀ :- (1) ਮੌਨਧਾਰੀ

- ਕਹਾਣੀ :- (1) ਜਨਮਦਿਨ
(2) ਸਾਂਝੀ ਕੰਧ

ਵਿਆਕਰਨ :- ਲਿੰਗ ਬਦਲੋ , ਵਿਸਮਿਕ , ਕਿਰਿਆ , ਸ਼ਬਦ-ਸ਼ੁੱਧੀ , ਮੁਹਾਵਰੇ , ਲੇਖ ਰਚਨਾ , ਪੱਤਰ ਰਚਨਾ , ਤਸਵੀਰ ਵਰਨਣ , ਅਣਡਿੱਠਾ ਪੈਰੂਾ , ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁਕੜੀ ।

Hindi

1. स्पर्श: पाठ: दुःख का अधिकार , एवरेस्ट : मेरी शिखर यात्रा,तुम कब जाओगे अतिथि ,वैज्ञानिक वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रमन
2. काव्य खंड: रैदास के पद ,रहीम,गीत अगीत
3. संचयन : पाठ: गिल्लू, स्मृति

व्याकरण: शब्द और पद, उपसर्ग ,प्रत्यय , अनुस्वार,अनुनासिक चिन्ह, अर्थ की दृष्टि से वाक्य भेद,स्वर संधि,विराम चिन्ह

रचनात्मक लेखन: अनौपचारिक पत्र, अनुच्छेद,चित्र वर्णन ,संवाद,अपठित गद्यांश

PAT

Unit 1: Role of physical education in development of a child

Unit 2: Age-appropriate physical activities

Employability Skills

Unit 1: Communication Skills-I

Unit 2: Self-Management Skills-I

Unit 3: ICT Skills-I

IT

Unit 1

1. Communication cycles and styles,
- 2 kind of sentences and verbal and normal non-verbal communication,
3. construction of paragraph
- 4 .perspective in communication and factor affecting communication workplace

Unit 2

1. Skill of self management.
2. self-confidence, building, Tips

Unit 3

1. Role of ICT in Daily life.
2. various ICT tools
3. interactive, whiteboard, smart board
4. basic component of computer system

Unit 4

Introduction to IT ITeS industry

1. Appreciate the application of IT



Syllabus: Half Yearly Examination-September, 2024

Class-10: All subjects

ENGLISH LANGUAGE AND LITERATURE

FIRST FLIGHT

1. A Letter to God
2. Nelson Mandela: Long Walk to Freedom
3. Two Stories about Flying
4. From the Diary of Anne Frank
5. Glimpses of India

FOOTPRINTS WITHOUT FEET

1. A Triumph of Surgery
2. The Thief's Story
3. The Midnight Visitor

POETRY

1. Dust of Snow
2. Fire and Ice
3. A Tiger in the Zoo
4. The Ball Poem
5. How to Tell Wild Animals

The Grammar syllabus will include the following areas in class X.

1. Tenses
2. Modals
3. Determiners
4. Reported Speech
 - Command and Requests
 - Statements
 - Questions

Writing Skills-Analytical Paragraph, Formal Letters

➤ **Mathematics**

- Chapter-1 Real Numbers
- Chapter-2 Polynomials
- Chapter-3 A pair of Linear Equations in two Variables
- Chapter-4 Quadratic Equations
- Chapter-7 Coordinate Geometry
- Chapter-8 Introduction to Trigonometry
- Chapter-9 Application of Trigonometry
- Chapter-13 Statistics
- Chapter-14 Probability

➤ **Social Science**

1. Resources and Development
2. Forest and Wildlife Resources
3. Water Resources
4. Power Sharing
5. Federalism
6. Development
7. Sectors of Indian Economy
8. Rise of Nationalism in Europe
9. Nationalism in India

Note:Map skills will be related to the chapters.

➤ **Science**

Ch: 1- Chemical Reactions & Equations, Ch:2- Acids, Bases, Salts, Ch:9- Electricity, Ch:10- Magnetic Effects & Electric Current, Ch:5- Life Processes, Ch:6- Control & Coordination.

➤ **Punjab**

ਪਾਠ-ਪੁਸਤਕ- ਸਾਹਿਤ ਮਾਲਾ: ਕਾਵਿ-ਰਚਨਾਵਾਂ- 1. ਸੋ ਕਿਉ ਮੰਦਾ ਆਖੀਏ 2. ਕਿਰਪਾ ਕਰਕੇ ਬਖਸਿ ਲੈਹੁ 3. ਤੂੰ ਮੇਰਾ ਪਿਤਾ ਤੂੰ ਹੈ ਮੇਰਾ ਮਾਤਾ ਵਾਰਤਕ- 1. ਘਰ ਦਾ ਪਿਆਰ 2. ਬੋਲੀ 3. ਪ੍ਰਾਰਥਨਾ
ਪਾਠ-ਪੁਸਤਕ- ਵੰਨਗੀ: ਇਕਾਂਗੀ- ਜ਼ਫ਼ਰਨਾਮਾ ਕਹਾਣੀਆਂ- 1. ਕੁਲਫੀ 2. ਅੰਗ-ਸੰਗ
ਵਿਆਕਰਨ- ਸਮਾਸੀ ਸ਼ਬਦ, ਬਹੁਅਰਥਕ, ਅਗੇਤਰ-ਪਿਛੇਤਰ, ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਮੁਹਾਵਰੇ (ਕ ਤੋਂ ਝ), ਲੇਖ ਰਚਨਾ, ਪੱਤਰ ਰਚਨਾ, ਤਸਵੀਰ ਵਰਨਣ, ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੁੱਕੜੀ।

➤ **Hindi**

ਪਾਠਪੁਸਤਕਸਪਰਸ਼-(ਗਘਖੰਡ): ਪਾਠ 1 ਬਡੇਮਾਝੀਸਾਹਬ, ਪਾਠ 2 ਤਾਧਰੀਕਾਏਕਪਨਾ, ਪਾਠ 3 ਤਤਾਂਰਾਵਾਮੀਰੋਕਥਾ, ਪਾਠ 4 ਠੀਸਰੀਕਸਮਕੇਸ਼ਿਲਪਕਾਰਸ਼ੈਲੇਂਦ੍ਰ
(ਕਾਘਖੰਡ): ਪਾਠ 1 ਕਬੀਰਕੀਸਾਖੀ, ਪਾਠ 2 ਮੀਰਾਕੇਪਦ, ਪਾਠ 3 ਪਰਵਤਪ੍ਰਦੇਸ਼ਮੇਂਪਾਕਸ, ਪਾਠ 4 ਤੋਪ
ਪਾਠਪੁਸਤਕਸੰਚਯਨ: ਪਾਠ 1 ਹਰਿਹਰਕਾਕਾ, ਪਾਠ 2 ਸਪਨੌਕੇਸੇਦਿਨ
ਵਿਆਕਰਨ- ਪਦਬੰਧ, ਰਚਨਾਕੇਆਧਾਰਪਰਵਾਕਯਰੂਪਾਂਤਰਣ, ਸਮਾਸ, ਮੁਹਾਵਰੇ,
ਲੇਖਨਕਾਰਯ--ਅਨੁਚੇਦ, ਪਤ੍ਰਲੇਖਨ (ਔਪਚਾਰਿਕ), ਸੂਚਨਾ, ਵਿਜ਼ਾਪਨ, ਲਘੁਕਥਾਲੇਖਨ/ਝ-ਮੇਲਲੇਖਨ, ਅਪਠਿਤਗਘਾਂਸ਼

➤ **Physical Activity Trainer**

Unit 1 - Role and responsibility of an early years physical activity facilitator, Unit 2- Assessment and evaluation of students Employability Skills, Unit 1: Communication Skills, Unit 2 Self-Management Skills, Unit 3 ICT Skills.

Half yearly syllabus of XI COMMERCE (2024-25)

ACCOUNTANCY:

- Introduction to accounting
- Theory base of accounting
- Journal
- Ledger
- Cash book
- Subsidiary books
- Trial balance
- Financial statements without adjustment

BUSINESS STUDIES:

- Nature and scope of business
- Forms of business organisation
- Business services
- Emerging mode of business
- Social responsibility of business and business Ethics
- Small scale business enterprises

BANKING:

Part A- Banking

- Introduction to banking and basic functions of bankers
- Bankers and customer
- Employment of banker funds

Part B-Employability skills

- Communication skills
- Self management skills
- Green skills

MATHEMATICS:

Chapter-1 Sets

Chapter-2 Relations & Functions

Chapter-4 Complex Numbers and Quadratic Equations

Chapter-5 Linear Inequality

Chapter- 6 Permutations and Combinations

Chapter-7 Binomial Theorem

Chapter-8 Sequence and Series

Chapter-11 Introduction to three-dimensional geometry

PHYSICAL EDUCATION

Unit 1 - Changing trends and career in physical education

Unit 2 - Olympism

Unit 3 - yoga

Unit 5 - Physical fitness health and wellness

Unit 6 - Test, Measurement and evaluation

ECONOMICS:

Part A- Microeconomics

Ch- Economics and economy

Ch- Central Problem of an economy

Ch- Consumer Equilibrium- Utility Analysis

Ch- Indifference curve

Ch- Theory of demand and elasticity of demand

Part B- Statistics for Economics

Ch- Concept of Economics and Significance of Statistics in economics

Ch- Collection of data

Ch- Census and sample method- collection of data

Ch- Organisation of data

Ch- Presentation of data- textual, tabular, diagrammatic

Ch- Measure of central tendency- Mean, median

Ch- Measure of central tendency- Median, mode

ENGLISH:

Hornbill book

1_The Portrait of a Lady (Prose)

2. A Photograph (Poem)
3. “We’re Not Afraid to Die... if We Can Be Together
4. Discovering Tut: The Saga Continues
5. The Laburnum Top (Poem)
6. The Voice of the Rain (Poem)

Snapshot book

1. The Summer of the Beautiful White Horse (Prose)
2. The Address (prose)

Writing Skills

Note-Making

Classified Advertisement

Debate Writing

Poster Writing

Speech

INFOMATICS PRACTICES:

Unit

Introduction to computer system

1. Introduction to computer and computing.
2. Evolution of computing devices component of computer system, interconnections input devices, output devices
3. Computer memory units of memory, memory, types of memory, primary and secondary memory data dilution its recovery and related security concerns
4. software, purpose and types system, software application, software, generic and specific purpose software

Unit 3 Database concept and the structure, query language

1. Database concept, introduction to database concept and its need , database management system.
2. relational data model concept of domain,, relation, candidate, key, primary key, alternative key
3. advantages of using structure, query, language, data, definition, language, data, query, language, and data manipulation language
4. introduction to MY SQL , creating a database using my SQL, data types

5. data definition, create table, data query, select from where, data, manipulation, insert, data query, select from data manipulation

Unit 2

Introduction to Python

- 1. Basics of Python programming, Python, interpreter, interactive, and script mode.**
- 2. structure of a program**
- 3. keywords of python**
- 4. constant of Python**
- 5. variables of python**
- 6. identifiers of Python**
- 7. all with examples**

MUSIC:

Unit-1 Swar, saptak, jati, margi, desi

Unit -4 Teen taal complete

Unit- 5 Raag Bhairavi complete

Unit - 3 Life sketch and contribution of "Tansen "

Unit -4 Knowledge of the structure of " Tanpura "



CLASS: XI Science

Session: 2024-25

HALF YEARLY SYLLABUS

PHYSICS

- CH-1 Units and Measurements
- CH-2 Motion in a Straight Line
- CH-3 Motion in a Plane
- CH-4 Laws of Motion
- CH-5 Work Power and Energy

CHEMISTRY

- CH-1 Some Basic Concepts of Chemistry
- CH-2 Structure of Atom
- CH-3 Classification of Elements and Periodicity in Properties
- CH-4 Chemical Bonding and Molecular Structure
- CH-7 Redox Reactions

MATHEMATICS

- Ch-1 Sets
- Ch-2 Relations and Functions
- Ch-3 Trigonometric functions
- Ch-4 Complex Numbers and Quadratic Equations
- Ch-5 Linear Inequalities
- Ch-6 Permutations and Combinations
- Ch-11 Three-Dimensional Geometry
- Ch-14 Probability

BIOLOGY

- CH-1 The Living World
- CH-2 Biological Classification
- CH- 7 Structural organization in animals
- CH- 8 Cell-The Unit of Life
- CH-9 Biomolecules
- CH- 10 Cell cycle and cell Division
- CH- 13 Photosynthesis
- CH- 17 Breathing and exchange of gases
- CH- 18 body fluids and circulation

ENGLISH

Hornbill Book

1. The Portrait of a Lady (Prose)
2. A Photograph (Poem)
3. “We’re Not Afraid to Die... If We Can Be Together
4. Discovering Tut: The Saga Continues
5. The Laburnum Top (Poem)
6. The Voice of the Rain (Poem)

Snapshot Book

1. The Summer of the Beautiful White Horse (Prose)
2. The Address (Prose)

Writing Skills

- Note-Making
- Classified Advertisement
- Debate Writing
- Poster Writing
- Speech writing

PHYSICAL EDUCATION

- CH-1 Changing Trends and Career in Physical Education
CH-2 Olympism value education
CH-3 Yoga
CH-5 Physical Fitness, Wellness and lifestyle
CH-6 Test, Measurement and Evaluation

INFOMATIC PRACTICES

Unit 1

Introduction to computer system

1. Introduction to computer and computing.
2. Evolution of computing devices component of computer system, interconnections input devices, output devices
3. Computer memory units of memory, memory, types of memory, primary and secondary memory data dilution its recovery and related security concerns
4. software, purpose and types system, software application, software, generic and specific purpose software

Unit 3 Database concept and the structure, curry language

1. Database concept, introduction to database concept and its need, database management system.
2. relational data model concept of domain, relation, candidate, key, primary key, alternative key
3. advantages of using structure, query, language, data, definition, language, data, query, language, and data manipulation language

4. introduction to MY SQL, creating a database using my SQL, data types
5. data definition, create table, data query, select from where, data, manipulation, insert, data query, select from data manipulation

Unit 2 Introduction to Python

1. Basics of Python programming, Python, interpreter, interactive, and script mode.
2. structure of a program
3. keywords of python
4. constant of Python
5. variables of python
6. identifiers of Python
7. all with examples

SYLLABUS FOR HALF YEARLY EXAMINATION, SESSION: 2024-25

CLASS XII SCIENCE

ENGLISH:

- Book- Flamingo
 - The last lesson
 - Lost spring
 - Deep water
 - The Rattrap
- Poems
 - My mother at Sixty-six
 - A Thing of beauty
- Book- Vistas
 - The Third level
 - The Tiger King
 - Journey to the End of the Earth
- Writing skills
 - Comprehension
 - Notice writing
 - Letter writing
 - Report writing
 - Invitation and replies

CHEMISTRY:

CH-1	Solutions
CH-6	Haloalkanes and Haloarenes
CH-7	Alcohols, phenols and Ethers
CH- 8	Aldehydes, Ketones and Carboxylic acids
CH- 9	Amines
CH-10	Biomolecules

PHYSICS:

1. Electric charges and fields
2. Electrostatic potential and capacitance
3. Current electricity
4. Moving charges and magnetism
5. Magnetism and matter
6. Electromagnetic induction

INFORMATICS PRACTICES

Unit 1: Data Handling using Pandas -I

1. Introduction to Python.
2. introduction to Python libraries
3. Numpy, Pandas, Matplotlib
4. Data structure in Pandas
5. series
6. data frames, creations of series from array
7. dictionary

Unit 2: Database Query using SQL

1. Maths functions POWER (), Round(),MOD().
2. Text functions

UCASE , UPPER, LCASE,LOWER, MID, SUBSTRING , SUBSTR,LENGTH, LEFT , RIGHT, INSTR , LTRIM, RTRIM, TRIM

3.Date functions, now, date, month, month, name, year, day, day name

4. Aggregate functions, max, mean, average, sum, count, using count, queuing, and manipulating data using group by, having, order by

Unit 3: Introduction to Computer Networks

1. Introduction to networks, types of network LAN, MAN, WAN.

2. network devices, modem, hub, switch, repeater, router, Gateway

3. Network topologies star, bus, tree, mesh.

4. Introduction to Internet, URL, WWW, and its applications, web, email, chat, VOIP

5. website, introduction, difference between our website and a web page

6. static versus dynamic webpage

7. web server and hosting of web page

8. web browsers, introduction using uses of browsers browser settings, how to host and plug-ins ,cookies

MATHEMATICS

CH- 1 Linear Programming

CH- 2 Matrices

CH- 3 Determinants

CH- 4 Continuity and Differentiability

CH- 5 Application of Derivatives

CH- 6 Vector

CH- 7 Three- Dimensional Geometry

CH- 8 Probability

PHYSICAL EDUCATION

Unit-1 Management of sporting events

Unit-2 Children and Women in Sports

Unit- 3 Yoga as preventive measure for lifestyle diseases

Unit-5 Sports and Nutrition

Unit-6 Test and Measurement in sports

BIOLOGY

Chapter-2: Sexual Reproduction in Flowering plants

Chapter-3: Human Reproduction

Chapter-4: Reproductive Health

Chapter-5: Principles of Inheritance and Variation

Chapter-6: Molecular Basis of Inheritance

Chapter-8: Human Health and Diseases

CLASS- XII (COMMERCE)
HALF YEARLY SYLLABUS (SESSION: 2024-2025)

SUBJECT: ECONOMICS

MACROECONOMICS:

Unit- National Income and Related Aggregates

Unit- Money and Banking

Ch- Related Concept of AD and AS

Ch- Short Run Equilibrium Output

Ch- Deficient and Excess Demand

INDIAN ECONOMIC DEVELOPMENT:

Ch- Indian economy on the Eve of Independence

Ch- Five year plans in India

Ch- Agriculture, Industry and Trade (1950-1990)

Ch- New Economic policy

SUBJECT: ENGLISH

Flamingo:

-The Last Lesson

-Lost Spring

-The Rattrap

-Deep Water

-Indigo

Writing Skills:

- Article writing
- Notice Writing
- Letter Writing
- Report Writing

Poems:-

-My Mother at Sixty-Six

-A Thing of Beauty

- Keeping Quiet

Vistas:

-The Third Level

-The Tiger King

-Journey to the End of the Earth

SUBJECT: ACCOUNTANCY

- Accounting for Partnership :- Fundamentals
- Goodwill :- Nature and Valuation
- Admission of A partner
- Retirement of A partner
- Death of A partner
- Dissolution of A partnership Firm
- Change in Profit Sharing Ratio

SUBJECT: BUSINESS STUDIES

- Nature and Significance of Management
- Principles Of Management
- Business Environment
- Planning
- Marketing Management
- Organizing
- Consumer Protection Act, 2019

SUBJECT: PHYSICAL EDUCATION

- Unit 1- Management of sporting events
- Unit 2- Children and women sports
- Unit 3 - Yoga as Preventive measure for lifestyle Diseases
- Unit 5 - Sports and Nutrition
- Unit 6 - Test and measurement in sports

SUBJECT: MATHEMATICS

- Chapter-1 Linear Programming
- Chapter-2 Matrices
- Chapter-3 Determinants
- Chapter-4 Continuity & Differentiability
- Chapter-5 Application of Derivatives
- Chapter-6 Vector
- Chapter-7 Three-Dimensional Geometry
- Chapter-8 Probability

SUBJECT: BANKING**SPECIFIC SKILL:**

- Unit 1 Ancillary services of banks
- Unit 2 Innovation in banking technology
- Unit 3 Organization of bank branch
- Unit 6 Performa of final accounts

EMPLOYABILITY SKILLS:

- Unit 1 Communication skills
- Unit 2 Self management skills

SUBJECT: INFOMATICS PRACTICES**Unit I :- Data handling using pandas-1**

1. Introduction to Python.
2. Introduction to Python libraries
3. Numpy, Pandas, Matplotlib
4. Data structure in Pandas
5. Series
6. data frames, creations of series from array
7. dictionary

Unit II :- Database query using SQL

1. Maths functions POWER (), Round(), MOD().
2. Text functions
UCASE , UPPER, LCASE,LOWER, MID, SUBSTRING , SUBSTR,LENGTH, LEFT , RIGHT, INSTR ,
LTRIM, RTRIM, TRIM
3. Date functions, now, date, month, month, name, year, day, day name
4. Aggregate functions, max, mean, average, sum, count, using count, queueing, and manipulating data using group by, having, order by

Unit III :- Introduction to computer network

1. Introduction to networks, types of network LAN, MAN, WAN.
2. Network devices, modem, hub, switch, repeater, router, Gateway
3. Network topologies start, bus, tree, mash.
4. Introduction to Internet, URL, WWW, and its applications, web, email, chat, VOIP
5. Website, introduction, difference between our website and a web page
6. Static versus dynamic webpage
7. Web server and hosting of web page
8. Web browsers, introduction using uses of browsers browser settings, how to host and plug-ins, cookies