*TERM2*

*Syllabus of Class 3rd*

*Punjabi*

ਪਾਠ 8 ਖਿਡੌਣਿਆਂਵਾਲ਼ੀਦੁਕਾਨ

ਪਾਠ 9 ਇਨਾਮ

ਪਾਠ 10 ਚਾਚਾਜੀਦਾਫਾਰਮਹਾਊਸ

ਪਾਠ 12 ਗ਼ੁਬਾਰੇ

ਪਾਠ 13 ਇੱਕਸੀਸ਼ੇਖਚਿੱਲੀ

(ਬੋਲਲਿਖਤ, ਸ਼ਬਦਅਰਥ, ਪ੍ਰਸ਼ਨਉੱਤਰ,ਪਿਛਲਾਅਭਿਆਸ, ਪਾਠਦੇਵਿੱਚੋ)

ਪਾਠ  11 ਵਰਖਾ ( ਕਵਿਤਾਉਚਾਰਨ)

ਪਾਠ 14 ਤਾਰੇ (ਕਾਵਿਸਤਰਾਂਪੂਰੀਆਂਕਰੋ)

ਪਾਠ 15 ਆਓਖੇਡੀਏ (ਪੜ੍ਹਨਕੌਸ਼ਲ)

*ਵਿਆਕਰਨ*

ਪਾਠ  2 ਭਾਸ਼ਾ ( ਬਹੁਵਿਕਲਪੀਪ੍ਰਸ਼ਨ)

ਪਾਠ  10 ਨਾਂਵ (ਬਹੁਵਿਕਲਪੀਪ੍ਰਸ਼ਨ)

ਵਿਰੋਧੀਸ਼ਬਦ ( ਪੰਨਾਨੰਬਰ 49 ਸਿਆਣਾਤੋਂਆਮਦਨਤੱਕ )

ਲਿੰਗਬਦਲੋ (ਪੰਨਾਨੰਬਰ 42 ਧੋਬੀਤੋਂਬੱਚਾਤੱਕ)

ਵਚਨਬਦਲੋ (ਪੰਨਾਨੰਬਰ 46 ਬੋਤਲਤੋਂਮਾਲ਼ਾਤੱਕ )

*ਲੇਖ*  1  ਮੇਰਾਸਕੂਲ  2  ਤਿਰੰਗਾਝੰਡਾ

ਚਿੱਤਰਵਰਣਨ

ਅਣਡਿੱਠਾਪੈਰਾ

*Hindi* पाठ 9  गीतकाकमालपाठ 11 चूँचूँकीटोपीपाठ -12 सुबहपाठ -13 ऐसेथेलालबहादुरशास्त्रीपाठ -14 सबसेबड़ामूर्खपाठ -15 बुआकापत्र

पाठ -16 सवालीराम(भाषामाधुरी+ भाषाअभ्यास) संवाद, अनुच्छेद, पत्र,प्रार्थनापत्र ,चित्रवर्णन, काव्यांश, संज्ञा ,सर्वनाम, क्रिया, विशेषण।

*Science*

*Chapter- 6  Feeding Habits of Animals*

*Chapter- 7. Birds and Their Nests*

*Chapter- 8. Food*

*Chapter- 9. Cooking and Eating Habits*

*Chapter- 10. Water*

*Social science*

*L-8 Let us enjoy*

*L-9 Our Homes L-10 Beautiful homes*

*L-11 Directions L-12 conquering distances*

*L-13 Closing Distances*

*L-14 only for reading*

*Including back exercise, case based qus ans,keywords,*

*comprehension and Map work*

*Maths*

*Unit 5 : Division*

*Unit 6 : Day, Date and Time*

*Unit 9 : Weight*

*Unit10 : Capacity*

*Unit 11 : Fractions*

*Unit 12 : Geometry*

*Tables : 2 to 20 with dodging*

*Roman Numbers : 1 to 100*

*English*

*Reader*

*Trees*

*Nina is the Winner*

*Two little Kittens*

*Krishna and Sudama*

*Man Learns to Fly*

*The Magic Room*

*Grammar*

*Verb*

*Preposition*

*Articles*

*Sentences*

*Subject predicate*

*नैतिकशिक्षा*

*पाठ 7 सेलेकर 13 तक*

*आर्यसमाजकेनियम 5 सेलेकर 10 तक।*

*Art*

*Step by step Pg no. - 21-40*

*Primary, Secondary colours explanation*

*Colour wheel*

*Warm and cool colour explanation*

*Colour usind dot*

*Numbers drawing*

*Hand drawing*

*Craft- paper origami frog flower*

*GeneralKnowledge*

*Pg no. : 33,36,37,38,39,41,42,44,45,47,55,56,57,59,61,62,63.*

*CLASS: IV*
*Session: 2024-25*
*TERM - 2 SYLLABUS*
*ENGLISH*
*1 The Rich lady and the artist*
*2.The Foolish Men☐*

*3. In the land of Lilliput* ☐

*4. King Thrush beard* ☐

*Practice Book*

*1. Verb*

*2. Adverb* ☐

*3. Sentences* ☐

*4. Tenses* ☐

*Paragraph writing*

*Letter /Application Writing*

*Diary Entry*

*Comprehension*

*HINDI*

*पाठ 10 एकबौनाऔरलकड़हारा*

*पाठ -11 मौसम*

*पाठ -13 चतुरचचत्रकार*

*पाठ –14 एकथीस्वातत*

*पाठ-15 होलीकेरंगहजार*

*पाठ -16 ऐसेभीबच्चें*

*पाठ -17 कोयल*

*(भाषामाधुरी+ भाषाअभ्यास) संवाद, अनुच्छेद, पत्र, प्राथथनापत्र, चचत्रवर्थन, काव्यांश, संज्ञा ,सवथनाम, क्रिया, ववशेषर्।*

*MATHS*

*Unit 4 : Division*

*Unit 6 : Weight*

*Unit 7 : Capacity*

*Unit 9 : Fractions*

*Unit 10 : Angles*

*Unit 12 : Area*

*Unit 13 : Volume*

*Tables : 2 to 20 with dodging.*

*Roman Numbers : 1 to 100*

*SCIENCE*

*Chapter- 6 Insects*

*Chapter- 7. Food*

*Chapter- 8. Water Scarcity and Conservation of Water*

*Chapter- 9. Safe Handling and Storage of Water*

*Chapter- 10. Water Pollution*

*SOCIAL SCIENCE*

*Chapter 8 Leisure Time*

*Chapter 9 Directions*

*Chapter 10 Travel and Tours*

*Chapter 11 Let Us Travel*

*Chapter 12 Let Us Communicate*

*Chapter 13 India-Our Motherland*

*Including back exercise, key words, comprehension, case based, map work.*

*PUNJABI*

ਪਾਠ -8 ਮਨਦਾਡਰ

ਪਾਠ -12 ਬਹਾਦਰਦਰਜੀ

ਪਠ-14 ਅਸਮਾਨਡਡਿੱਗਡਪਆ।

( ਬੋਲਡਲਖਤ, ਵਿੱਡੇਪਰਸ਼ਨਉੱਤਰ, ਸ਼ਬਦਅਰਥ, ਡਾਪਛਲਾਅਡਿਆਸ, ਪਾਠਦੇਡਵਿੱਚੋਂ ,ਡਿਸਨੇਡਿਸਨੂੰ ਡਿਹਾ)

ਪਾਠ-11 ਆਲ੍ਹਣੇ

ਪਾਠ-9 ਚੁੰਗੀਆਂਆਂਆਦਤਾਂ

( ਛੋਟੇਪਰਸ਼ਨ-ਉੱਤਰ)

ਪਾਠ-10 ਸ਼ੀਸ਼ਾ(ਿਡਵਤਾਉੱਚਾਰਨ)

ਪਾਠ-13 ਡਚੜੀਆਂਤੇਡਿਸਾਨ (ਿਾਡਵ-ਟ੍ਾਿਝੀ)

ਪਾਠ-15 ਮਹਾਰਾਜਖੁਸ਼ਹੋਏ(ਪੜਹਨਿੱਸ਼ਲ)

ਡਵਿਆਰਨ

ਪਾਠ-11 ਪੜਨਾਂਵ

ਪਾਠ-12 ਡਵਸ਼ੇਸ਼ਣ( ਬਹੁ-ਡਵਿਲਪੀਪਰਸ਼ਨਉੱਤਰ)

ਡਵਰੋਧੀਸ਼ਬਦ

ਸਮਾਨਾਰਥਿਸ਼ਬਦ

ਲੇਖ- ਦੀਵਾਲੀ,ਬਾਗ਼ਦੀਸੈਰ।

ਡਬਨੈਪਿੱਤਰ- 1.ਫੀਸਮੁਆਫੀਲਈਮੁਿੱਖਅਡਯਾਪਿਜੀਨੂੰਡਬਨੈ -ਪਿੱਤਰ।

2.ਿੈਂਟਦੇਡਵਆਹ 'ਤੇਛੁਿੱਟੀਲੈਣਲਈ।

ਅਣਡਡਿੱਠਾਪੈਰਾ

ਡਚਿੱਤਰਵਰਣਨ

*GK*

*Page no :-*

*32, 33, 34, 35, 37, 38, 39, 40,*

*43, 45, 46, 56, 58, 59, 61, 62,*

*64,65,66*

*ART*

*Step by Step Page no 21 to 40*

*Blow painting*

*Perspective of trees landscape*

*Paper cutting collage*

*Spray painting*

*Colour Mixing*

*VED PATH*

*पाठ 7 सेलेकर 13 तक*

*आयथसमाजकेतनयम 5 सेलेकर 10 तक।*

*SYLLABUS*

*FOR*

*CLASS 5TH*

*FINAL*

*EXAMINATION*

*SESSION  2024-25*

*ENGLISH*

*limits of the mind*

*just be up and doing (poem)*

*the fearless fighter*

*Five chum and the hacker*

*I have got email*

*Plant a seed*

*The green act*

*Grammar*

*Adverb*

*Present perfect tense*

*Sentences*

*Conditionals*

*Modals 1*

*Modals 2*

*Emphasising pronouns*

*Preposition*

*Paragraph writing, application writing, Letter writing, Email,*

*Unseen passage*

ਪੰਜਾਬੀ

ਪਾਠ -8 ਕੁਹਾੜੀ ਦਾ ਦਸਤਾ

ਪਾਠ-9 ਗੁਆਚਾ ਊਠ

ਪਾਠ -11 ਹਸਨ ਦੀ ਚਲਾਕੀ

ਪਾਠ-14 ਗੁੱਡੀ ਦਾ ਵਿਆਹ

( ਬੋਲ ਲਿਖਤ, ਪ੍ਰਸ਼ਨ ਉੱਤਰ, ਸ਼ਬਦ ਅਰਥ, ਪਿਛਲਾ ਅਭਿਆਸ, ਪਾਠ ਦੇ ਵਿੱਚੋਂ, ਕਿਸ ਨੇ ਕਿਸ ਨੂੰ ਕਿਹਾ)

ਪਾਠ-12 ਕਾਗਜ਼

( ਛੋਟੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ)

ਪਾਠ-15 ਬੀਰਬਲ ਦੀ ਖਿਚੜੀ (ਪੜ੍ਹਨ ਕੌਂਸ਼ਲ)

ਪਾਠ -10 ਪਰਛਾਂਵਾਂ (ਕਾਵਿ-ਟੁਕੜੀ)

ਪਾਠ-13 ਆਈ ਦੀਵਾਲੀ ਆਈ (ਸਾਰ, ਕਾਵਿ ਟੁਕੜੀ )

ਵਿਆਕਰਨ

ਪਾਠ-10 ਪੜਨਾਂਵ (ਬਹੁ ਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)

ਪਾਠ-12 ਕਿਰਿਆ  (ਬਹੁ ਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)

ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (16 ਤੋਂ 35)

ਵਿਰੋਧੀ ਸ਼ਬਦ (ਵ ਪੀ ਆ ਤੋਂ ਸ਼ੁਰੂ ਤੱਕ)

ਮੁਹਾਵਰੇ ---(ਇੱਕ ਤੋਂ ਦਸ)

ਸੁੱਧ -ਅਸ਼ੁੱਧ ਸ਼ਬਦ (ਪੰਨਾ ਨੰ:77 ਗਿਆ ਤੋਂ ਸਿਹਤ ਤੱਕ)

ਲੇਖ-ਸ੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਜੀ , ਬਸੰਤ ਰੁੱਤ।

ਪੱਤਰ - 1 ਭੈਣ ਦੇ ਵਿਆਹ ਤੇ ਮਿੱਤਰ ਜਾਂ ਸਹੇਲੀ ਨੂੰ ਸੱਦਾ ਪੱਤਰ।

2.ਪਿਤਾ ਜੀ ਤੋਂ ਪੈਸੇ ਮੰਗਵਾਉਣ ਲਈ ਪੱਤਰ।

ਅਣਡਿੱਠਾ ਪੈਰਾ।

ਚਿੱਤਰ ਵਰਨਨ।

## SOCIAL SCIENCE

**Ch - 8 Respecting Regional Differences**

**Ch - 9 Exploring India**

**Ch - 10 Mapping India.**

**Ch - 11 Transport in Modern Times. discoveries in**

**Ch - 12 Communication in Modern Times.**

**Ch - 13 India's Neighbours.**

## SCIENCE

**Ch-7 (Importance of Water)**

**Ch-8 (Properties of Water)**

**Ch-9 (Fuels)**

**Ch-10 (Air)**

**Ch-11 (Our Solar System)**

**Ch-12 (Observing the Sky)**

## MATHEMATICS

**Chapter 4- Fractional numbers**

**Chapter 6-Addition and Subtraction of decimal numbers**

**Chapter 7-Multiplication and Division of decimal numbers**

**Chapter 8-Simplification of numerical numbers**

**Chapter 9- Rounding off numbers**

**Chapter 11-Profit and Loss**

**Chapter 12-Percentage**

**Chapter 13-Simple Interest**

**Chapter 17- Data Handling**

## ART

**Step by: step pg no. 21-40**

**Perspective composition**

**Landscape**

**Scenery**

**Craft- cutting of flowers**

**G.K.**

**From Page 32 to 63**

**हिंदी**

पाठ-12 अगरननभमेंबादलहोते

पाठ -13 प्रियपौधा

पाठ-14 बुद्धिमानराजा

पाठ-15अंधेरनगरीचौपटराजा

पाठ-16चाँदकाकुर्ता

पाठ-17 हारकीजीत

पाठ 18  बेट्रिनाकासाहस

पाठ - 20कोशिशकरनेवालोंकीकभीहारनहींहोती

(भाषाअभ्यास + भाषामाधुरी)

व्याकरण- अपठितगद्यांश,पठितकाव्यांश, अनुच्छेद , चित्रवर्णन , पत्र ,प्रार्थनापत्र, विशेषण , क्रिया, संज्ञा, सर्वनाम, संवाद

नैतिकशिक्षा

पाठ 7 सेलेकर 13 तक

आर्यसमाजकेनियम 5 सेलेकर 10 तक।

# SYLLABUS
# CLASS-6th
# TERM -2nd

## SCIENCE

➢ Ch-2 (Food)
➢ Ch-4 (Separation of Substances)
➢ Ch-5 (Changes Around Us)
➢ Ch-8 (Structure and Function of the Living Organisms-Plants)
➢ Ch-9 (Structure and Function of the Living Organisms-Animals)
➢ Ch-11 (Electric Currents and its Circuits)
➢ Ch-13 (Magnets)

**Note: Following Chapters from Term-I will be repeated for Term-II Examination**
➢ Ch-10 (Work and Energy)
➢ Ch-14 (Fabric from Fibre

## MATHEMATICS

➢ Chapter 4- Ratio, proportion, and unitary method
➢ Chapter 5-Percentage and its application
➢ Chapter 6- Introduction to algebra
➢ Chapter 7-Linear Equation
➢ Chapter 11- Transversal and Pairs of Lines
➢ Chapter 12-Triangle
➢ Chapter 13-Circles
➢ Chapter 14-Constructions
➢ Chapter 15- Perimeter and Area
➢ Chapter 16-Statistics

## HINDI

पाठ्यपुस्तक -(ज्ञान सागर व अभ्यास सागर)

➢ पाठ- 6 अनोखा वरदान
➢ पाठ - 7 सुंदरलाल
➢ पाठ-10 पोंगल
➢ पाठ 12 दस आमों की क़ीमत
➢ पाठ 13 अनोखी दौड़
➢ पाठ- 14 एक रोमांचक यात्रा
➢ पाठ- 15 परिश्रम
➢ पाठ-18 पंच परमेश्वर
➢ पाठ- 20 आया बसंत

**लेखन कार्य**--अनुच्छेद, पत्र/प्रार्थना पत्र लेखन (औपचारिक/अनौपचारिक), सूचना , चित्र वर्णन,अपठित गद्यांश, पठित काव्यांश।

## ENGLISH

**LITERATURE BOOK:**
Today and tomorrow (Poem)

➢ Bharat Desh (**Poem**)
➢ Our Tree (**Poem**)
➢ Leisure (**Term 1**) poem
➢ Hanuman and I
➢ Attila
➢ The Case of Copied question papers.
➢ The Helpful Young man (**Term 1**)

**GRAMMAR** - Tenses Part- I, II & III, Modals, Voice, Subject Verb Agreement (**Term 1**)

**WRITING:** Paragraph & letter (Informal), Notice/Diary Entry
**READING COMPREHENSION**
Unseen passage

## PUNJABI

- ਪਾਠ 12 ਪੂਰੀ ਕਹਾਣੀ ਚੋਂ ਭੱਜ ਗਈ
- ਪਾਠ 14 ਸਮੇਂ ਦਾ ਮੁੱਲ

**(ਵੱਡੇ ਪ੍ਰਸ਼ਨ-ਉੱਤਰ, ਕਿਸ ਨੇ ਕਿਸ ਨੂੰ ਕਿਹਾ)**

- ਪਾਠ 9 ਸਾਡੇ ਰੁੱਖ
- ਪਾਠ 11 ਸ਼ਹਿਦ ਦੀਆਂ ਮੱਖੀਆਂ
- ਪਾਠ 15 ਦਮੂਕਾਂ ਬੀਜਣ ਵਾਲਾ

**( ਸ਼ਬਦ ਅਰਥ,ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ)**

- ਪਾਠ 16 ਸਾਡਾ ਪਾਰਸ ਸਾਡਾ ਪਾਤਸ਼ਾਹ ( ਪੜ੍ਹਨ ਕੌਸ਼ਲ)
- ਪਾਠ -10 ਆਓ ਰੁੱਖ ਲਗਾਈਏ ( ਕੇਂਦਰੀ ਭਾਵ ,ਕਾਵਿ-ਟੁਕੜੀ)
- ਪਾਠ 13 ਖੇਡੋ ਹੋਲੀ (ਸਾਰ ,ਕਾਵਿ -ਟੁਕੜੀ)

### ਪੰਜਾਬੀ ਵਿਆਕਰਨ

- ਲਿੰਗ ਬਦਲੋ (ਪੰਨਾ ਨੰ:36)
- ਵਚਨ ਬਦਲੋ(ਪੰਨਾ ਨੰ:43)
- ਵਿਰੋਧੀ ਸ਼ਬਦ (ਪੰਨਾ ਨੰ:77)
- ਅਸ਼ੁੱਧ-ਸ਼ੁੱਧ (ਪੰਨਾ ਨੰ:26)
- ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (ਪੰਨਾ ਨੰ:90)
- ਮੁਹਾਵਰੇ (21 ਤੋਂ 40)
- ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ (ਪਹਿਲੇ ਚਾਰ)
- ਲੇਖ ਰਚਨਾ
- ਵਿਦਿਆਰਥੀ ਤੇ ਖੇਡਾਂ ।
- ਗਣਤੰਤਰਤਾ ਦਿਵਸ।
- ਬਸੰਤ ਰੁੱਤ।

ਅਰਜ਼ੀ/ਪੱਤਰ - 1 ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਫੀਸ ਮਾਫ਼ੀ ਲਈ ਬਿਨੈ ਪੱਤਰ ਲਿਖੋ।

2.ਪਿਤਾ ਜੀ ਤੋਂ ਪੈਸੇ ਮੰਗਵਾਉਣ ਲਈ ਪੱਤਰ ਲਿਖੋ।

3.ਛੋਟੇ ਭਰਾ ਨੂੰ ਪ੍ਰੇਰਨਾ ਪੱਤਰ ਲਿਖੋ।

- ਅਣਡਿੱਠਾ ਪੈਰਾ
- ਚਿੱਤਰ ਵਰਣਨ

## SOCIAL SCIENCE

1. Ch-2. Representation of the earth (repeated)
2. Ch-5. The realms of the earth
3. Ch-6. India-my motherland
4. Ch-7. India the land of monsoon climate
5. Ch-13 The Mauryan Dynasty (repeated)
6. Ch- 16 The Gupta Empire
7. Ch-17. The era of Harsha
8. Ch-23. Our rural governance
9. Ch-24. Our urban government

## ART

1. Step by step Pg no.21-35
2. Mandala Art
3. How to do water colours
4. How to do oil pastel colours
5. Perspective in landscape

## GENERAL KNOWLEDGE

Page no.:-
47,48,49,50,51,53,54,56,
57,59,64,67,69,78,79,81,
85,88,89,90

## NATIK SHIKSHA

- पाठ 7 से 13

# SYLLABUS OF 7th CLASS

| Social science | SOCIAL SCIENCE<br>Chapter -2 The Earth and the changes on it (Repeated)<br>Chapter-14 Regional Powers  (Repeated)<br>Chapter - 5   Water Surrounding the Earth<br>Chapter- 6  Life on the Earth<br>Chapter  -8  Land and the people<br>Chapter -15  The Mughal Empire<br>Chapter- 17  Major Religions<br>Chapter – 21  Advertising and Democracy<br>Chapter - 22  Unpacking Gender<br>Chapter – 23  Market Around Us |
|---|---|
| Science | Term-II<br>Ch-2 (Nutrition in living organisms-Animals and Man)<br>Ch-4 (Acids, Bases and Salts)<br>Ch-5 (Heat)<br>Ch-8 (Transportation in Plants and Animals)<br>Ch-9 (Reproduction in Plants)<br>Ch-10 (Soil) (Only for reading and subject in enrichment activity)<br>Ch-12 (Light)<br>Ch-15 (Forests)<br>Ch-17 (Electric Current and its Effects)<br><br>Note: Following Chapters from Term-I will be repeated for Term-II Examination<br>Ch-3 (Chemical substances and processes)<br>Ch-6 (Motion and Time)<br>Ch-7 (Respiration in Organisms) |
|  |  |

| | |
|---|---|
| English | LITERATURE BOOK :<br>The Stone Soup in Bohemia<br>A Stormy  Adventure<br>Spider and the fly (poem)<br>Friends and flatterers ( poem)<br>I Dream a World (Term 1) (poem)<br>Stormy Adventure,<br>Human Robot,<br>Chocolates in my dreams too<br>A Hero (Term 1)<br>GRAMMAR:<br>Transitive  and Intransitive Verb ,Voice , Reported Speech, Future Time, Perfect Progressive, Linkers, Phrases and Clauses(Term 1)<br>WRITING:<br>Descriptive     Paragraph/Article      Writing,<br>Letter ( informal) ,Speech writing , Notice writing<br> READING COMPREHENSION<br>Unseen passage |
| Maths | Chapter 4- Exponents and Powers<br> Chapter 6-  Algebraic Expressions<br>Chapter 7-Linear Equation in one Variable<br> Chapter 8-Triangle and its Properties<br>Chapter 9- Congruent Triangles<br>Chapter 10-Construction of Triangles<br>Chapter 11- Perimeter and Area<br>Chapter 12- Data Handling |

| ART | Indian artist and painting<br>Mandala art with calligraphy quotes<br>step by step page number 21 to 30<br>Perspective of tree<br>How to make composition effect |
|---|---|

| Punjabi | pusqk iklkwrI: pwT- 6, 9, 12, 15 (sMKyp pRSn au`qr qy Sbd ArQ), pwT- 2, 11, 14, 16 (v`fy pRSn-au`qr qy iks ny iksnUM ikhw), pwT-10 (kwiv-tu`kVI), pwT-13 (kyyNdrI Bwv)<br>lyK- myrw pMjwb, pwxI dI mhwnqw, ivigAwn dy cmqkwr ArzI/p`qr- rwk gwrfn jwx dI iejwzq lYx leI mu`K AiDAwpk jI nUM ArzI, qoh&y dw DMnvwd krn leI cwcw jI nUM p`qr, dosq nUM pws hox leI vDweI p`qr[<br>ivAwkrn- ilMg bdlo (pMnw-29), ASu`D-Su`D (pMnw-104), ipCyqr (1-19), muhwvry (41-60), ivsrwm icMnH (swry), ivroDI Sbd (pMnw-84), bhuqy SbdW dI QW ie`k Sbd (pMnw-95), Axif~Tw pYrHw, qsvIr vrnx[ |

***CLASS 8TH***

***SYLLABUS***

***SESSION 2024-25***

***ENGLISH***

***Literature***

· ***Three Questions***

· ***The Fun They Had***

· ***Granny's Tree Climbing (Poem)***

· ***Father's Help***

· ***My Mother (Poem)***

· ***The Luncheon***

· ***The Children's Song (Poem)***

· ***The Case of Sharp- Eyed Jeweller***

· ***Couplets***

· ***The Undeserved Reward***

· ***Bangle Sellers***

· ***A Bad Dream***

***Grammar***

· ***Tenses***

· ***Narration***

· ***Modals***

· ***Subject -Verb Agreement***

· ***Clauses and Complex Sentences***

· ***Active and Passive Voice***

· ***Non – Finites***

· ***Linkers***

· ***Punctuation***

***Writing Skills***

· ***Notice Writing***

· ***Article Writing***

· ***Message writing***

· ***Diary Writing***

· ***Letter Writing (To Editor)***

· ***E- Mail Writing***

· ***Dialogue Completion***

ਪੰਜਾਬੀ

# ਪੰਜਾਬੀ

**ਪੁਸਤਕ ਕਿਲਕਾਰੀ:**

ਕਾਵਿ-ਟੱਕੜੀ- ਮੈਂ ਪੰਜਾਬੀ ਪੰਜਾਬ ਦਾ ਰਹਿਣ ਵਾਲਾ, ਪਾਂਡੀ ਪਾਤਸ਼ਾਹ, ਜਿਊਂਦੇ ਭਗਵਾਨ।

ਕਵਿਤਾ ਦਾ ਸਾਰ- ਸੂਰਜ ਦਾ ਗੀਤ, ਪਿੱਪਲ ਦੇ ਪੱਤੇ ਨੂੰ, ਸ਼ਹੀਦੀ ਸੰਦੇਸ਼।

ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ- ਘੜੇ ਦਾ ਪਾਣੀ, ਭਾਸ਼ਾ ਦਾ ਗਣਿਤ, ਅਲੋਪ ਹੋ ਰਹੇ ਕਿੱਤੇ।

ਵੱਡੇ ਪ੍ਰਸ਼ਨ- ਨੇਕੀ ਦਾ ਫਲ, ਮਾਊਂ, ਮੱਖਣ ਦਾ ਤੇਲ, ਕਾਬੁਲੀਵਾਲਾ, ਪੇਮੀ ਦੇ ਨਿਆਣੇ।

ਕਿਸ ਨੇ ਕਿਸ ਨੂੰ ਕਿਹਾ- ਮੱਖਣ ਦਾ ਤੇਲ, ਕਾਬੁਲੀ ਵਾਲਾ।

ਸ਼ਬਦ ਅਰਥ- ਭਾਸ਼ਾ ਦਾ ਗਣਿਤ, ਅਲੋਪ ਹੋ ਰਹੇ ਕਿੱਤੇ।

**ਵਿਆਕਰਨ:**

ਅਣਡਿੱਠਾ ਪੈਰ੍ਹਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੱਕੜੀ, ਤਸਵੀਰ ਵਰਨਣ, ਬਹੁਅਰਥਕ ਸ਼ਬਦ (ਪੰਨਾ-96-97), ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (1 ਤੋਂ 40), ਵਿਰੋਪੀ ਸ਼ਬਦ (ਪੰਨਾ-90-91), ਅਸ਼ੁੱਧ-ਸ਼ੁੱਧ (ਪੰਨਾ-122-123), ਅਗੇਤਰ (1-15), ਪਿਛੇਤਰ (1-15), ਵਿਸਰਾਮ ਚਿੰਨ੍ਹ (ਸਾਰੇ), ਮੁਹਾਵਰੇ (1-40), ਅਖਾਣ (1-32)।

**ਬਿਨੈ-ਪੱਤਰ-** ਭਰਾ ਦੇ ਵਿਆਹ ਲਈ ਛੁੱਟੀ ਲੈਣ ਲਈ, ਮੋਟਰ-ਸਾਈਕਲ ਚੋਰੀ ਦੀ ਰਿਪੋਰਟ ਲਿਖਵਾਉਣ ਲਈ, ਦੇਰ ਰਾਤ ਤੱਕ ਵੱਜਦੇ ਸਪੀਕਰਾਂ ਦੀ ਸ਼ਿਕਾਇਤ ਕਰਨ ਬਾਰੇ, ਮਿੱਤਰ ਨੂੰ ਛੁੱਟੀਆਂ ਬਿਤਾਉਣ ਬਾਰੇ ਪੱਤਰ, ਵਿੱਦਿਅਕ ਟੂਰ 'ਤੇ ਜਾਣ ਲਈ ਪਿਤਾ ਜੀ ਤੋਂ ਪ੍ਰਵਾਨਗੀ ਲਈ ਪੱਤਰ, ਛੋਟੇ ਭਰਾ ਨੂੰ ਖੇਡਾਂ ਦੀ ਮਹਾਨਤਾ ਲਈ ਪੱਤਰ।

**ਲੇਖ-** ਮੇਰਾ ਪੰਜਾਬ, ਸ੍ਰੀ ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ, ਹਵਾ ਪ੍ਰਦੂਸ਼ਣ, ਅੱਖੀਂ ਡਿੱਠਾ ਮੈਚ, ਮਨਪਸੰਦ ਤਿਉਹਾਰ।

## हिंदी

### 1. अपठितबोध

दोअपठितगद्यांशलगभग 200 शब्दोंके

### 2. व्यावहारिकव्याकिण

*अनुस्वयर, अनुनयसिक

*''र' केववसभन्नरूप

*उपिगगप्रत्

*शब्दभांडयर (ववलोमशब्द, प्यगवयचीशब्द, वयक्यांशकेसलएएकशब्द)

*िंधि (स्वरऔरव्ंजनिांधि)

*िमयि

*वयक्भेद (रचनयएवांअगकिआयरपर)

*अलांकयर (अनुप्रयि, ंमक, उपमय, मयनवीकरण, अततश्ोक्कत)

*ववरयमधचह्

*मुहयवरे

### 3. पाठ्यपुस्तक

पयि 1. हमपांछीउन्मुकतगगनके (कववतय)

पयि 2. अिलिन(कहयनी)

पयि 4. दोपहरी (कववतय)

पयि 6. आश्रमकेअततधऔंरिांस्मरण (ंस्मरण)

पयि 7. अन्ंक्केखिलयफलडयई (जीवनी)

पयि 8. दोहे (पद्)

पयि 10. बयतचीतकीकलय (तनबांि)

पयि 11. सितयरोंिेआगे (जीवनी)

पयि 12. पौिेकेपांि (डग्री)

पयि 13. िूरऔरतुलिीकेपद (पद्)

पयि 15. कयमचोर (कहयनी)

पयि 17. िोनय (रेियधचत्र, िांस्मरण)

पयि 18. तनमयगण (कववतय)

पयि 19. जीवनकयिच (पत्र)

4. िचनात्मकलेखन

*अनुच्छेदलेिन

*पत्रलेिन (औपचयररकवअनौपचयररकपत्र)

*िांवयदलेिन

*िूचनयलेिन

नैततकशिक्षा

पयि 1. ओ३म्ध्वज (शब्दयर्, भयवयर्गएवांमहत्व)

पयि 2. ईश्वरकयिवगश्रेष्िनयम (ओ३म्कयमहत्व, ओ३म्जपकेलयभ)

पयि 3. आत्मबोि (शब्दयर्, भयवयर्गकांिस्िीकरण)

पयि 4. गीतयकेदोश्लोक (शब्दयर्, भयवयर्गएवांउद्देश्)

पयि 5. गयत्रीजपकयप्रभयव (गयत्रीमांत्रकीमठहमय, अर्गएवांलयभ)

पयि 6. िांस्कृतभयषय (आवश्कतय, महत्वउपोधगतय)

पयि 7. रयप्रभयषय: ठहांदी (आवश्कतय, महत्व, स्यन, उपोधगतय)

पयि 8. पांचमहज्ञ (नयम, पररभयषय, उद्देश्, ववधिएवांलयभ)

पयि 9. डी०ए०वी०गयन(शब्दयर्, भयवयर्गएवांकांिस्िीकरण)

पयि 10. ोगकीपहलीिीढी- म(ोगएवां मोंकेअर्गएवांमहत्व)

पयि 11. ोगकीदववतीिीढी – तन्म(तन्मोंकेनयम, अर्गएवांमहत्व)

पयि 12. वणगव्वस्यकयस्वरूप (भेदएवांआवश्कतय)

पयि 13. आश्रमव्वस्य (भेद, अर्ग,महत्व)

पयि 14. कककदरजयऊँमैं (भयवयर्गएवांकांिस्िीकरण)

पयि 15. आगिमयजकेतन्म (7-10 तन्म)(व्यख्, महत्वएवांकांिस्िीकरण)

पयि 16. ित्यर्गप्रकयश (अर्ग, महत्वएवांिभीिमुल्लयियोंकीववष्वस्तु)

पयि 17. डी०ए०वी०िांिस्यएँ (डी०ए०वी०कीस्यपनय, ववशेषतयएँ, उद्देश्एवांोगदयन)

पयि 18. डॉ. मेहरचांदमहयजन (जन्म, सशक्षयएवंडी॰ए॰वी॰में ोगदयन)

पयि 19. रयप्रीगीत (शब्दयर्गएवंकांसि्ीकरण)

## SOCIAL SCIENCE

Ch 1. Resources: Utilisation and Development

Ch 2. Natural Resources: Land, Soil and Water

Ch 5. Agriculture

Ch 7. Human Resources

Ch 8. The Modern Period

Ch10. Colonialism: Rural and Tribal Societies

Ch11. The first war of independence-1857

Ch12. Impact of British Rule on India

Ch14. The Nationalist Movement (1870-1947)

Ch16. Our Constitution

Ch17. Fundamental Rights, Duties and Directive Principles of State Policy

Ch18. The Union Government- Legislature

Ch19. The Union Government- Executive

Ch 20. The Union Government- Judiciary

Map Skill: Ch- 5 Agriculture

Ch- 10 Colonialism-Major Tribals

Ch- 11 The first War of Independence

Ch- 14 The National Movement

## SCIENCE

**Biology:**
Ch- 1 (The cell-Its structure and functions)
Ch- 2 (Microorganisms: Friends and Foes)
Ch- 14 (Reproduction in Animals)
Ch- 15 (Reaching the age of Adolescence)
Ch- 9 (Crop Production and Its Management) **(Only for reading and subject in enrichment activity)**

**Chemistry:**
Ch-6 (Sources of Energy)
Ch- 7 (Combustion)
Ch-3 (Metals and Non-Metals)
Ch-13 (Synthetic fibres and plastics)
Ch-19 (Pollution of Water) **(Only for reading and subject enrichment activity)**

**Physics:**
Ch- 4 (Force and Pressure)
Ch- 11 (The Human Eye)
Ch- 12 (Sound)
Ch- 5 (Friction)
Ch- 11 (Refraction and Dispersion of light)
Ch- 16 (Electric Current and its chemical effects)
Ch- 18 (Earthquakes) **(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*

*5. Profit loss and discount*

*6. Compound interest*

*7. Algebraic identities*

*8. Polynomials*

*9. Linear equations in one variable*

*10. Parallel lines*

*11. Understanding Quadrilaterals*

*12. Construction of quadrilaterals*

*13. Introduction to graphs*

*14. Mensuration*

*15. Statistics and probability*

*ART*

*Animal study*

*Perspective in composition*

*Flower making with organza clothes*

*Indian art, artist and work*

*GK*

*Page No.*
*80,81,82,84,84,88,89,90,91,92,93,94,95,95,97,98,100,101,102,106,107,126*
*,127,133,136,137,138,140,141,143,144,145,146,147,148,149,151,152,153,*
*154,156,157,158*

*CLASS 9TH*
*SYLLABUS*
*SESSION  2024-25*

*ENGLISH*

*Literature Reader*
*1. How I taught My grandmother to Read?*
*2. The Brook (Poem)*
*3. A Dog named Duke*
*4. The Road Not taken (Poem)*
*5. The Man who know too much (Poem)*
*6. The Solitary Reaper (Poem)*
*7. Keeping it from Harold*
*8. Best Seller*
*9. The Seven Ages (Poem)*
*10. Oh, I wish I'd Looked After Me Teeth (Poem)*
*11. Villa For Sale (Drama)*
*12. Song of the Rain (Poem)*

*Grammar*
*1.Tenses*
*2.Modals*
*3.Subject – verb concord*
*4.Reported Speech*
*5.Clauses*
*6.Determiners*

*Writing Skills*

*1.Notice Writing*
*2.Dialogue Writing*
*3.Informal Letter*
*4.Paragraph Writing*


*पंजाबी*


*हिंदी*
*पुस्तकस्पर्शः गद्यभाग*
*पाठ: दुखकाअधिकार, एवरेस्टमेरीशिखरयात्रा, तुमकबजाओगेअतिथि, वैज्ञानिकचेतनाकेवाहक :*
*चंद्रशेखरवेंकटरमन, शुक्रतारेकेसमान*
*पद्यभाग:*
*रैदासकेपद, दोहे, गीतअगीत, अग्निपथ, नएइलाकेमें... खुशबूरचतेहैंहाथ*
*पुस्तकसंचयन:*
*पाठ: गिल्लू, स्मृति, कल्लूकुम्हारकीउनाकोटी, मेराछोटासानिजीपुस्तकालय*
*रचनात्मकलेखन:*
*अनुच्छेदलेखन, पत्रलेखन ( अनौपचारिक) , संवादलेखन, चित्रवर्णन*
*व्याकरण: शब्दऔरपद , अनुस्वारऔरअनुनासिक ,उपसर्गऔरप्रत्यय, स्वरसंधि, विरामचिन्ह,*
*अर्थकीदृष्टिसेवाक्यभेद , अपठितगद्यांश*


*SOCIAL SCIENCE*
*1.India: Size and Location*
*2.What is Democracy? Why Democracy?*
*3.People As Resources*
*4.french Revolution*
*5.Physical Features of India*
*6.Constitutional Design*
*7.Poverty As a Challenge*
*8.Drainage*
*9.Socialism in Europe and Russian Revolution*

*10.Climate*

*11.Electoral Politics*

*12.Food Security in India*

*13.Nazism and Rise of Hitler*

*14.Population*

*15.Working of Institutions*

*16.Democratic Rights*

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

## SCIENCE

| Chemistry | Ch-3 (Atoms and Molecules) | Ch- 4 (Structure of An Atom) |
| | | Ch-1 (Chemical Reactions and equations) (Class-X) |
| | | Ch-2 (Acids, Bases and Salts) (Class-X) |
| Biology | Ch- 5 (Fundamental unit of Life) | Ch- 6 (Tissues) |
| | | Ch- 12 (Improvement in Food Resources) |
| Physics | Ch- 7 (Motion) | Ch- 10 (Work and Energy) |
| | Ch- 8 (Force and Laws of Motion) | Ch- 11 (Sound) |
| | Ch- 9 (Gravitation) | |

## MATHEMATICS

1. Number system

2. Polynomials

3. Coordinate geometry

4. Linear equations in two variables

5. Introduction to Euclid's Geometry

6. Lines and angles

7. Triangles

8. Quadrilaterals

9. Circles

*10. Heron's formula*

*11. Surface area and volumes*

*12. Statistics*

*IP*

*Part -A*

*Unit 1: Communication Skills-I*

*Unit 2: Self-Management Skills-I*

*Unit 3: Basic Information and Communication Technology Skills-I*

*Unit 4: Entrepreneurial Skills-I*

*Unit 5: Green Skills-|*

*Part-B - SUBJECT SPECIFIC SKILLS*

*• Unit 1: Introduction to IT- ITeS industry*

*• Unit 2: Data Entry & Keyboarding Skills*

*• Unit 3: Digital Documentation*

*• Unit 4: Electronic Spreadsheet*

*• Unit 5: Digital Presentation*

*PAT*

*Unit1-Role of physical education in child development*

*Unit2- Planning appropriate physical activities*

*Unit3-Organizing Age-Appropriate Physical Activities*

*Unit4- Children Health and Safety*

*Employability Skills*

*Unit1- Communication skill*

*Unit 2- Self management*

*Unit 3- ICT Skill*

*Unit 4: Entrepreneurship Skills*

*Unit 5: Green Skills*

*Class XI -Commerce*

*Annual Syllabus (2024-25)*

*ACCOUNTANCY*

*INTRODUCTION TO ACCOUNTING*
*THEORY BASE OF ACCOUNTING*
*ACCOUNTING EQUATION*
*JOURNAL*
*ACCOUNTING FOR GST*
*LEDGER*
*SUBSIDIARY BOOKS CASH BOOK*
*OTHER SUBSIDIARY BOOKS*
*JORUNAL PROPER*
*TRIAL BALANCE*
*BANK RECONCILIATION STATEMENT*
*DEPRECIATION*
*PROVISIONS AND RESERVES*
*RECTIFICATION OF ERROR*
*FINANCIAL STATEMENTS WITHOUT ADJUSTMENT*
*FINANCIAL STATEMENTS WITH ADJUSTMENT*
*ACCOUNTING FOR INCOMPLETE RECORDS*


*BUSINESS STUDIES*

*Part-A: Foundations of Business*

>    1. Nature and purpose of Business
>    2. Forms of Business Organisations
>    3. Public, Private and Global Enterprises
>    4. Business Services
>    5. Emerging modes of Business
>    6. Social Responsibility of Business and Business Ethics

*Part-B : Finance and Trade*

>    7. Sources of Business finance
>    8. Small Business
>    9. Internal trade
>    10. International business

*ECONOMICS*

*Part A Statistics for Economics*
*Unit 1: Introduction*
*What is Economics? Meaning, scope, functions and importance of statistics in Economics*

*Unit 2: Collection, Organisation and Presentation of data.*
*Collection of data sources of data primary and secondary; how basic data is collected with concepts of Sampling; methods of collecting data; some important sources of secondary data: Census of India and National Sample Survey Organisation.*
*Organisation of Data: Meaning and types of variables: Frequency Distribution.*
*Presentation of Data: Tabular Presentation and Diagrammatic Presentation of Data: (i) Geometric forms (bar diagrams and pie diagrams), (ii) Frequency diagrams (histogram, polygon and Ogive) and (iii) Arithmetic line graphs (time series graph).*

*Unit 3: Statistical Tools and Interpretation*
*For all the numerical problems and solutions, the appropriate economic interpretation may be attempted. This means, the students need to solve the problems and provide interpretation for the results derived.*
*Measures of Central Tendency- Arithmetic mean, Median and Mode*
*Correlation meaning and properties, scatter diagram; measures of correlation Karl Pearson's method (two variables ungrouped data) Spearman's rank correlation (Non-Repeated Ranks and Repeated Ranks).*

*Introduction to Index Numbers meaning, types Wholesale Price Index, Consumer Price Index and index of industrial production, uses of index numbers; Inflation and Index Numbers, Simple Aggregative Method.*

*Part B: Introductory Microeconomics*

*Unit 4: Introduction*
*Meaning of microeconomics and macroeconomics; positive and normative economics*
*What is an economy? Central problems of an economy: what, how and for whom to produce; concepts of Production Possibility Frontier and Opportunity Cost.*

*Unit 5: Consumer's Equilibrium and Demand Consumer's equilibrium meaning of Utility. Marginal Utility, Law of Diminishing Marginal Utility, conditions of consumer's equilibrium using marginal utility analysis.Indifference curve analysis of consumer's equilibrium-the consumer's budget (budget set and budget line), preferences of the consumer (indifference curve, indifference map) and conditions of consumer's equilibrium.Demand, market demand, determinants of demand, demand schedule, demand curve and its slope, movement along and shifts in the demand curve; price elasticity of demand factors affecting price elasticity of demand; measurement of price elasticity of demand-percentage-change method and total expenditure method.*

*Unit 6: Producer Behaviour and Supply*
*Meaning of Production Function Short-Run and Long-Run , Total Product, Average Product and Marginal Product. Returns to a Factor Cost Short run costs Total Cost, Total Fixed Cost, Total Variable Cost; Average Cost; Average Fixed Cost, Average Variable Cost and Marginal Cost meaning and their relationships. Revenue Total Revenue, Average Revenue and Marginal Revenue - meaning and their relationship. Producer's Equilibrium meaning and its conditions in terms of Marginal Revenue-Marginal Cost.*

*Supply, market supply, determinants of supply, supply schedule, supply curve and its slope, movements along and shifts in supply curve, price elasticity of supply; measurement of price elasticity of supply percentage-change method.*

*Unit 7: Perfect Competition - Price Determination and simple applications. Perfect competition Features; Determination of market equilibrium and effects of shifts in demand and supply. (Short Run Only) .Simple Applications of Demand and Supply: Price ceiling, Price floor.*

*ENGLISH*

*Hornbill*
*The Portrait of a Lady (Prose)*
*A Photograph (Poem)*

*"We're Not Afraid to Die… if We Can Be Together*

*Discovering Tut: The Saga Continues*

*The Laburnum Top (Poem)*

*The Voice of the Rain (Poem)*

*Childhood (Poem)*

*The Adventure*

*Silk Road (Prose)*

*Father to Son*

*Snapshots*

*The Summer of the Beautiful White Horse (Prose)*

*The Address (Prose)*

*Mother's Day (Play)*

*Birth (Prose)*

*The Tale of Melon City*

*Writing Skills*

*Classified Advertisements*

*Poster*

*Speech*

*Debate*

## PHYSICAL EDUCATION

*UNIT 1 Changing Trends & Career in Physical Education*

*UNIT 2 Olympic Value Education*

*UNIT 3 Yoga*

*UNIT 4 Physical Education & Sports for CWSN*

*UNIT 5 Physical Fitness, Wellness*

*UNIT 6 Test, Measurements & Evaluation*

*UNIT 7 Fundamentals of Anatomy and Physiology in Sports*

*UNIT 8 Fundamentals of Kinesiology and Biomechanics in Sports*

*UNIT 9 Psychology and Sports*

*UNIT 10 Training & Doping in Sports*

## BANKING

*PART -A (Employability skills)*

*Unit 1 Communication skills*
*Unit 2 Self management Skills*
*Unit 3 ICT Skills*
*Unit 4 Entrepreneurship skills*
*Unit 5 Green skills*

*PART-B ( Specific skills)*

*Unit 1 Introduction to banking and basics functions of banker*
*Unit 2 Banker and customer*
*Unit 3 Employment of bank funds*
*Unit 4 Laws relating to Negotiable instruments*


*INFORMATION PRACTICE*

*Unit 1: Introduction to Computer System*
*Introduction to computer and computing: evolution of computing devices,*
*components of a computer system and their interconnections, Input/output devices.*
*Computer Memory: Units of memory, types of memory – primary and secondary, data*
*deletion, its recovery and related security concerns. Software: purpose and types –*
*system and application software, generic and specific purpose software.*
*Unit 2: Introduction to Python*
*Basics of Python programming, execution modes: - interactive and script mode, the*
*structure of a program, indentation, identifiers, keywords, constants, variables, types*
*of operator, precedence of operators, data types, mutable and immutable data types,*
*statements, expression evaluation. comments, input and output statements, data*
*type conversion, debugging.*
*Control Statements: if-else, if-elif-else, while loop, for loopLists: list operations -*
*creating, initializing, traversing and manipulating lists, list methods and built-in*
*functions –len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(),*
*sort(), min(),max(),sum()*
*Dictionary: concept of key-value pair, creating, initializing, traversing, updating and*
*deleting elements, dictionary methods and built-in functions – dict(), len(), keys(),*
*values(), items(), update(), del, clear() 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 - Swar, saptak, jati, thaat,shruti, Nada ,Laya ,Tala Margi, Desi, Raga

Unit 2 - Khyal and Tarana , dhrupad

Unit 3 - Teen taal, Ek taal ,choutal complete

Unit 4 -Raag Bhairavi , Bihag , bhimpalasi complete

Unit 5 - Brief study of music elements in Natya shastra

Life sketch and contribution of " /Tansen " V.N bhatkhande and V.D paluskar

Unit 6 - Knowledge of the structure of  " Tanpura "


MATHS

Ch 1 :Sets

Ch 2 : Relations and functions

Ch 3 : Trigonometric functions

Ch 4 : Complex number and Quadratic equations

Ch 5 : Linear inequalities

Ch 6 : Permutations and combinations

Ch 7 : Binomial theorems

Ch 8 : Sequence and series

Ch 9 : Straight line

Ch 10 : Conic Section

Ch 11: Introduction To Three-Dimensional Geometry

Ch 12 : Limits and Derivatives

Ch 13 : Statistics

*Ch 14 : Probability*

**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, Energy and Power**
   **CH-6 System of Particles and Rotational Motion**
   **CH-7 Gravitation**
   **CH-8 Mechanical Properties of Solids**
   **CH-9 Mechanical Properties of Fluid**
   **CH-10 Thermal Properties of Water**
   **CH-11 Thermodynamics**
   **CH-12 Kinetic theory**
   **CH-13 Oscillations**
   **CH-14 Waves**

**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-5 Thermodynamics**
   **CH-6 Equilibrium**
   **CH-7 Redox Reactions**
   **CH-8 Organic chemistry: Some basic Principles and Techniques**
   **CH-9 Hydrocarbons**

**MATHEMATICS**

   **Ch-1Sets**

   **Ch-2Relations and Functions**

   **Ch-3Trigonometric functions**

   **Ch-4Complex Numbers and Quadratic Equations**

   **Ch-5Linear Inequalities**

   **Ch-6Permutations and Combinations**

   **Ch-7Binomial Theorems**

   **Ch-8 Sequence and Series**

   **Ch-9Straight Line**

*Ch-10Conic Section*

*Ch-11Introduction to Three-Dimensional Geometry*

*Ch-12Limits and Derivatives*

*Ch-13Statistics*

*Ch-14 Probability*

*BIOLOGY*

*CH-1 The Living World*

*CH-2Biological Classification*

*CH-3Plant Kingdom*

*CH-4Animal Kingdom*

*CH-5Morphology of Flowering Plants*

*CH-6Anatomy of Flowering Plants*

*CH- 7Structural organization in animals*

*CH- 8Cell-The Unit of Life*

*CH-9Biomolecules*

*CH- 10 Cell cycle and cell Division*

*CH- 13 Photosynthesis in Higher Plants*

*CH-14Respiration in Plants*

*CH-15Plant- Growth and Development*

*CH- 17 Breathing and exchange of gases*

*CH- 18 Body fluids and circulation*

*CH-19Excretory Products and their Elimination*

*CH-20Locomotion and Movement*

*CH-21Neural Control and Coordination*

*CH-22Chemical Coordination and Integration*

*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)*
7. *Childhood (Poem)*
8. *The Adventure*
9. *Silk Road (Prose)*
10. *Father to Son*

*Snapshot Book*

    **1. The Summer of the Beautiful White Horse (Prose)**
    **2. The Address (Prose)**
    **3. Mother's Day (Play)**
    **4. Birth (Prose)**
    **5. The Tale of Melon city**

*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 and value education**
    **CH-3 Yoga**
    **CH-4 Physical Education and sports for children with special needs**
    **CH-5 Physical Fitness, Wellness and lifestyle**
    **CH-6 Test, Measurement and Evaluation**
    **CH-7 Fundamentals of anatomy, physiology in sports**
    **CH-8 Fundamentals of kinesiology and biomechanics in sports**
    **CH-9 Psychology and sports**
    **CH-10 Training and doping in sports**

    *INFOMATICS PRACTICES*

*Unit 1: Introduction to Computer System*
*Introduction to computer and computing: evolution of computing devices, components of a computer system and their interconnections, Input/output devices. Computer Memory: Units of memory, types of memory – primary and secondary, data deletion, its recovery and related security concerns. Software: purpose and types – system and application software, generic and specific purpose software.*

*Unit 2: Introduction to Python*
*Basics of Python programming, execution modes: - interactive and script mode, the structure of a program, indentation, identifiers, keywords, constants, variables, types of operator, precedence of operators, data types, mutable and immutable data types, statements, expression evaluation. Comments, input and output statements, data type conversion, debugging.*
*Control Statements: if-else, if-elif-else, while loop, for loop*

*Lists: list operations - creating, initializing, traversing and manipulating lists, list methods and built-in functions – len(),list(),append(),insert(), count(),index(),remove(), pop(), reverse(), sort(), min(),max(),sum()*

*Dictionary: concept of key-value pair, creating, initializing, traversing, updating and deleting elements, dictionary methods and built-in functions – dict(), len(), keys(), values(), items(), update(), del, clear()*

*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*

*SYLLABUS FOR ANNUAL EXAMS*

*SESSION :- 2024-25  CLASS:- XII COMMERCE*

*ACCOUNTANCY:-*

- *Accounting for Partnership:- Fundamentals*
- *Goodwill:- Nature and Valuation*
- *Change in Profit Sharing Ratio*

- *Admission of A partner*
- *Retirement of A partner*

- *Death of A partner*
- *Dissolution of A partnership Firm*

- *Accounting for Share Capital*
- *Issue of Debentures*
- *Financial statements of a company*

- *Financial statement Analysis*
- *Comparative and Common size Statements*
- *Ratio Analysis*
- *Cash Flow Statement*

*BUSINESS STUDIES:-*

- *Nature and Significance of Management*
- *Principles Of Management*
- *Business Environment*
- *Planning*

- *Organizing*

- *Staffing*
- *Directing*

- *Controlling*
- *Financial Management*

- *Financial Markets*
- *Marketing Management*
- *Consumer Protection Act, 2019*

*ECONOMICS:-*

*Ch- National Income and Related Aggregates*
*Ch- Money and Banking*
*Ch- Related Concept of AD and AS*
*Ch- Short Run Equilibrium Output*
*Ch- Deficient and Excess Demand*
*Ch- Employment*
*Ch- Government Budget*
*Ch- Rural Development*
*Ch- Infrastructure*
*Ch- Environment and Sustainable Development*
*Ch- Foreign exchange rate*
*Ch- Balance of Payments*

*Ch- New Economic policy*
*Ch- Indian economy on the Eve of Independence*
*Ch- Five year plans in India*
*Ch- Agriculture, Industry and Trade (1950-190)*
*Ch- Comparative study of India, China and Pakistan.*

*ENGLISH:-*

*Book: Flamingo*
*The Last Lesson*
*Lost Spring*
*Deep Water*
*The Rattrap*
*Indigo*
*Poets and Pancakes*
*The Interview*
*Going Places*

*My Mother at Sixty-Six*
*Keeping Quiet*
*A Thing of Beauty*
*A Roadside Stand*
*Aunt Jennifer's Tigers*

| *Book: Vistas* | *Writing Skills* |
|---|---|
| *The Third Level* | *Notice* |
| *The Tiger King* | *Formal/Informal Invitation and Reply* |
| *Journey to the End of the Earth* | *Letter types: application for a job with bio data or resume.* |
| *The Enemy* | *Letters to the editor* |
| *On the Face of It* | *Article/ Report Writing* |
| *Memories of Childhood:* | |
| *i) The Cutting of My Long Hair* | |
| *ii) We Too are Human Beings* | |

*MATHEMATICS:-*

*Ch 1 : Relations and Functions*
*Ch 2 : Inverse  Trigonometric Functions*

*Ch 3 : Matrices*
*Ch 4 : Determinants*
*Ch 5 :Continuity and Differentiability*
*Ch 6 :Applications of Derivatives*
*Ch 7 :Integrals*
*Ch 8 :Applications of the Integrals*
*Ch 9:Differential Equations*
*Ch 10 :Vectors*
*Ch 11: Three dimensional geometry*
*Ch12: Linear Programming*
*Ch 13: Probability*

## *PHYSICAL EDUCATION:-*

*Unit- 1 Management of sporting events*
*Unit- 2 Children & women    in sports*
*Unit- 3 Yoga as preventive measure for lifestyle disease*
*Unit- 4 Physical education and sports for CWSN*
*Unit- 5 Sports & Nutrition*
*Unit- 6 Test & Measurement in sports*
*Unit- 7 Physiology & Injuries in sports*
*Unit- 8 Biomechanics and sports*
*Unit- 9 Psychology and sports*
*Unit- 10 Training in sports*

## *INFORMATICS PRACTICES:-*

*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 2: Database Query using SQL*

*Revision of database concepts and SQL commands covered in class XI*

*Math functions: POWER (), ROUND (), MOD ().*

*Text functions: UCASE ()/ UPPER (), LCASE ()/ LOWER (), MID ()/ SUBSTRING () /SUBSTR (), LENGTH (), LEFT (), RIGHT (), INSTR (), LTRIM (), RTRIM (), TRIM ().*

*Date Functions: NOW (), DATE (), MONTH (), MONTHNAME (), YEAR (), DAY (), DAYNAME ().*

*Aggregate Functions: MAX (), MIN (), AVG (), SUM (), COUNT (); using COUNT (\*).*

*Querying and manipulating data using Group by, Having, Order by.*

*Working with two tables using equi-join*

*Unit 3: Introduction to Computer Networks*

*Introduction to networks, Types of network: PAN, LAN, MAN, WAN.*

*Network Devices: modem, hub, switch, repeater, router, gateway*

*Network Topologies: Star, Bus, Tree, Mesh.*

*Introduction to Internet, URL, W W W, and its applications- Web, email, Chat, VoIP.*

*Website: Introduction, difference between a website and webpage, static vs dynamic web page, web server and hosting of a website.*

*Web Browsers: Introduction, commonly used browsers, browser settings, add-ons and plug-ins, cookies.*

*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.*

*BANKING:-*

*Part A (Employability Skills)*

*Unit 1: Communication Skills*

*Unit 2: Self-Management Skills*

*Unit 3: ICT Skills*

*Unit 4: Entrepreneurial Skills*

*Unit 5: Green Skills*

*Part-B (Subject Specific Skills)*

*Unit 1: Ancillary Services of Banks*

*Unit 2: Innovations in Banking Technology*

*Unit 3: Organization of a Bank Branch*

*Unit 4: Basics of Business Mathematics*

*Unit 5: Reserve Bank of India Regulations on Banks*

*Unit 6: Performa of Final Accounts of Banking Companies*

*SYLLABUS FOR ANNUAL EXAMINATION (2024-25)*
*CLASS- XII Sci*

*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*
7. *Alternating Current*
8. *Electromagnetic Waves*
9. *Ray Optics and Optical Instruments*
10. *Wave Optics*
11. *Dual Nature of Radiation and Matter*
12. *Atoms*
13. *Nuclei*
14. *Semiconductor Electronics: Material, Devices and Simple Circuits*

*CHEMISTRY*
1. *Solutions*
2. *Electrochemistry*
3. *Chemical Kinetics*
4. *d and f-block elements*
5. *Coordination Compounds*
6. *Haloalkanes and Haloarenes*
7. *Alcohols, Phenols and Ethers*
8. *Aldehydes, Ketones and Carboxylic Acids*
9. *Amines*

*10. Biomolecules*

*BIOLOGY*
*1. Sexual Reproduction in Flowering Plants*
*2. Human Reproduction*
*3. Reproductive Health*
*4. Principles of Inheritance and Variation*
*5. Molecular Basis of Inheritance*
*6. Evolution*
*7. Human Health and Diseases*
*8. Microbes in Human Welfare*
*9. Biotechnology- Principles and Processes*
*10. Biotechnology and its Applications*
*11. Organisms and Populations*
*12. Ecosystem*
*13. Biodiversity and its Conservation*

*MATHEMATICS*
*1. Relations and Functions*
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*4. Determinants*
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*6. Applications of Derivatives*
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*8. Applications of the Integrals*
*9. Differential Equations*
*10. Vectors*
*11. Three Dimensional Geometry*
*12. Linear Programming*
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*ENGLISH*
*• Book: Flamingo*
   *o The Last Lesson*

- o *Lost Spring*
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- **Book: Vistas**
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  - o *The Tiger King*
  - o *Journey to the End of the Earth*
  - o *The Enemy*
  - o *On the Face of It*
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    - ▪ *i) The Cutting of My Long Hair*
    - ▪ *ii) We Too are Human Beings*

- **Writing Skills**
  - o *Notice*
  - o *Formal/Informal Invitation and Reply*
  - o *Letter types: application for a job with bio data or resume. Letters to the editor*
  - o *Article/ Report Writing*

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3. *Yoga as preventive measure for lifestyle disease*

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5. *Sports & Nutrition*

6. *Test & Measurement in sports*

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8. *Biomechanics and sports*

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*Importing/Exporting Data between CSV files and Data Frames.*

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