

TERM2

Syllabus of Class 3rd

Punjabi

ਪਾਠ 8 ਖਿਡੌਣਿਆਂ ਵਾਲੀ ਦੁਕਾਨ

ਪਾਠ 9 ਇਨਾਮ

ਪਾਠ 10 ਚਾਚਾ ਜੀ ਦਾ ਫਾਰਮ ਹਾਊਸ

ਪਾਠ 12 ਗੁਬਾਰੇ

ਪਾਠ 13 ਇੱਕ ਸੀਸ਼ੇ ਖਚਿੱਲੀ

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

ਪਾਠ 11 ਵਰਖਾ (ਕਵਿਤਾ ਉਚਾਰਨ)

ਪਾਠ 14 ਤਾਰੇ (ਕਾਵਿ ਸਤਰਾਂ ਪੂਰੀਆਂ ਕਰੋ)

ਪਾਠ 15 ਆਓ ਖੇਡੀਏ (ਪੜ੍ਹਨ ਕੌਸ਼ਲ)

ਵਿਆਕਰਨ

ਪਾਠ 2 ਭਾਸ਼ਾ (ਬਹੁ ਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)

ਪਾਠ 10 ਨਾਂਵ (ਬਹੁ ਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ)

ਵਿਰੋਧੀ ਸ਼ਬਦ (ਪੰਨਾ ਨੰਬਰ 49 ਸਿਆਣਾ ਤੋਂ ਆਮਦਨ ਤੱਕ)

ਲਿੰਗ ਬਦਲੇ (ਪੰਨਾ ਨੰਬਰ 42 ਧੋਬੀ ਤੋਂ ਬੱਚਾ ਤੱਕ)

ਵਚਨ ਬਦਲੇ (ਪੰਨਾ ਨੰਬਰ 46 ਬੋਤਲ ਤੋਂ ਮਾਲਾ ਤੱਕ)

ਲੇਖ 1 ਮੇਰਾ ਸਕੂਲ 2 ਤਿਰੰਗਾ ਝੰਡਾ

ਚਿੱਤਰ ਵਰਣਨ

ਅਣਡਿੱਠਾ ਪੈਰਾ

**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 चतुरचक्रकार

पाठ -14 एकथीस्वातत

पाठ-15 होलीकेरंगहजार

पाठ -16 ऐसेभीबच्चें

पाठ -17 कोयल

(भाषामाधुरी+ भाषाअभ्यास) संवाद, अनुच्छेद, पत्र, प्राथनापत्र, चक्रवर्धन, कावयांश,
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

ਪਾਠ-14 ਅਸਮਾਨਡਡਿੱਗਡਪਆ।

**(ਬੋਲਡਲਖਤ, ਵਿੱਡੋਪਰਸਨਉੱਤਰ, ਸਬਦਅਰਥ, ਡਪਛਲਾਅਡਿਆਸ, ਪਾਠਦੇਡਵਿੱਚੋਂ, ਡਿਸਨੇਡਿਸਨੂੰ
ਡਿਹਾ)**

ਪਾਠ-11 ਆਲਹਣੇ

ਪਾਠ-9 ਚੁੰਗੀਆਂਆਦਤਾਂ

(ਛੋਟੇਪਰਸਨ-ਉੱਤਰ)

ਪਾਠ-10 ਸ਼ੀਸ਼ਾ(ਿਡਵਤਾਉਚਾਰਨ)

ਪਾਠ-13 ਡਚੜੀਆਂਤੇਡਿਸਾਨ (ਿੰਡਵ-ਟੁੰਡੀ)

ਪਾਠ-15 ਮਹਾਰਾਜਖੁਸ਼ਹੋਏ(ਪੜਹਨਿੰਸਲ)

ਡਵਆਰਨ

ਪਾਠ-11 ਪੜਨਾਂਵ

ਪਾਠ-12 ਡਵਸ਼ੇਸ਼ਣ(ਬਹੁ-ਡਵਿਲਪੀਪਰਸਨਉੱਤਰ)

ਡਵਰੋਧੀਸ਼ਬਦ

ਸਮਾਨਾਰਥਿਸ਼ਬਦ

ਲੇਖ- ਦੀਵਾਲੀ, ਬਾਗਦੀਸੈਰ।

ਡਬਨੈਪਿੱਤਰ- 1. ਫੀਸਮੁਆਫੀਲਈਮੁਿੱਖਅਡਧਆਪਿਜੀਨੂੰਡਬਨੈ -ਪਿੱਤਰ।

2. ਿੰੈਣਦੇਡਵਆਹ 'ਤੇਛੁਿੰੱਟੀਲੈਣਲਈ।

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 ਕੁਹਾੜੀਦਾਦਸਤਾ

ਪਾਠ-9 ਗੁਆਚਾਉਠ

ਪਾਠ -11 ਹਸਨਦੀਚਲਾਕੀ

ਪਾਠ-14 ਗੁੱਡੀਦਾਵਿਆਹ

(ਬੋਲਲਿਖਤ, ਪ੍ਰਸ਼ਨਉੱਤਰ, ਸ਼ਬਦਅਰਥ, ਪਿਛਲਾਅਭਿਆਸ, ਪਾਠਦੇਵਿੱਚੋਂ, ਕਿਸਨੇਕਿਸਨੂੰਕਿਹਾ)

ਪਾਠ-12 ਕਾਗਜ਼

(ਛੋਟੇਪ੍ਰਸ਼ਨ-ਉੱਤਰ)

ਪਾਠ-15 ਬੀਰਬਲਦੀਖਿਚੜੀ (ਪੜ੍ਹਨਕੌਸ਼ਲ)

ਪਾਠ -10 ਪਰਛਾਂਵਾਂ(ਕਾਵਿ-ਟੁਕੜੀ)

ਪਾਠ-13 ਆਈਦੀਵਾਲੀਆਈ (ਸਾਰ, ਕਾਵਿਟੁਕੜੀ)

ਵਿਆਕਰਨ

ਪਾਠ-10 ਪੜਨਾਂਵ (ਬਹੁਵਿਕਲਪੀਪ੍ਰਸ਼ਨ)

ਪਾਠ-12 ਕਿਰਿਆ (ਬਹੁਵਿਕਲਪੀਪ੍ਰਸ਼ਨ)

ਬਹੁਤੇਸ਼ਬਦਾਂਦੀਥਾਂਇੱਕਸ਼ਬਦ(16 ਤੋਂ 35)

ਵਿਰੋਧੀਸ਼ਬਦ (ਵਧੀਆਤੋਂਸ਼ੁਰੂਤੱਕ)

ਮੁਹਾਵਰੇ --- (ਇੱਕਤੋਂਦਸ)

ਸੁੱਧ -ਅਸੁੱਧਸ਼ਬਦ (ਪੰਨਾਨੰ: 77 ਗਿਆਤੋਂਸਿਹਤਤੱਕ)

ਲੇਖ-ਸੀਗੁਰੂਗੋਬਿੰਦਸਿੰਘਜੀ , ਬਸੰਤਰੁੱਤ।

ਪੱਤਰ - 1 ਭੈਣਦੇਵਿਆਹਤੇਮਿੱਤਰਜਾਂਸਹੇਲੀਨੂੰਸੱਦਾਪੱਤਰ।

2. ਪਿਤਾਜੀਤੋਂਪੈਸੇਮੰਗਵਾਉਣਲਈਪੱਤਰ।

ਅਣਡਿੱਠਾਪੈਰਾ।

ਚਿੱਤਰਵਰਣਨ।

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-15 अंधेरनगरीचौपटराजा

पाठ-16 चाँदकाकुर्ता

पाठ-17 हारकीजीत

पाठ 18 बेट्टिनाकासाहस

पाठ - 20 कोशिशकरनेवालोंकीकभीहारनहींहोती

(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	MATHEMATICS
<ul style="list-style-type: none">➤ 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) <p>Note: Following Chapters from Term-I will be repeated for Term-II Examination</p> <ul style="list-style-type: none">➤ Ch-10 (Work and Energy)➤ Ch-14 (Fabric from Fibre)	<ul style="list-style-type: none">➤ 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	ENGLISH
<p>पाठ्यपुस्तक -(ज्ञान सागर व अभ्यास सागर)</p> <ul style="list-style-type: none">➤ पाठ- 6 अनोखा वरदान➤ पाठ - 7 सुंदरलाल➤ पाठ-10 पौंगल➤ पाठ 12 दस आमों की कीमत➤ पाठ 13 अनोखी दौड़➤ पाठ- 14 एक रोमांचक यात्रा➤ पाठ- 15 परिश्रम➤ पाठ-18 पंच परमेश्वर➤ पाठ- 20 आया बसंत <p>लेखन कार्य--अनुच्छेद, पत्र/प्रार्थना पत्र लेखन (औपचारिक/अनौपचारिक), सूचना , चित्र वर्णन,अपठित गद्यांश, पठित काव्यांश।</p>	<p>LITERATURE BOOK: Today and tomorrow (Poem)</p> <ul style="list-style-type: none">➤ 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) <p>GRAMMAR - Tenses Part- I, II & III, Modals, Voice, Subject Verb Agreement (Term 1)</p> <p>WRITING: Paragraph & letter (Informal), Notice/Diary Entry</p> <p>READING COMPREHENSION Unseen passage</p>

PUNJABI

- ਪਾਠ 12 ਪੂੜੀ ਕੜਾਹੀ 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 ਦਮ੍ਰਕਾਂ ਬੀਜਣ ਵਾਲਾ
(ਸ਼ਬਦ ਅਰਥ,ਸੰਖੇਪ ਪ੍ਰਸ਼ਨ ਉੱਤਰ)
- ਪਾਠ 16 ਸਾਡਾ ਪਾਰਸ ਸਾਡਾ ਪਾਤਸ਼ਾਹ (ਪੜ੍ਹਨ ਕੈਸਲ)
- ਪਾਠ -10 ਆਓ ਰੁੱਖ ਲਗਾਈਏ (ਕੇਂਦਰੀ ਭਾਵ ,ਕਾਵਿ-
ਟੁਕੜੀ)
- ਪਾਠ 13 ਖੇਡੋ ਹੇਲੀ (ਸਾਰ ,ਕਾਵਿ -ਟੁਕੜੀ)
ਪੰਜਾਬੀ ਵਿਆਕਰਨ
 - * ਲਿੰਗ ਬਦਲੇ (ਪੰਨਾ ਨੰ:36)
 - * ਵਚਨ ਬਦਲੇ(ਪੰਨਾ ਨੰ:43)
 - * ਵਿਰੇਧੀ ਸ਼ਬਦ (ਪੰਨਾ ਨੰ:77)
 - * ਅਸੁੱਧ-ਸੁੱਧ (ਪੰਨਾ ਨੰ:26)
 - * ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (ਪੰਨਾ ਨੰ:90)
 - * ਮੁਹਾਵਰੇ (21 ਤੋਂ 40)
 - * ਵਿਸਰਾਮ ਚਿੰਨ੍ਹ (ਪਹਿਲੇ ਚਾਰ)
 - * ਲੇਖ ਰਚਨਾ
 - * ਵਿਦਿਆਰਥੀ ਤੇ ਖੇਡਾਂ ।
 - * ਗਣਤੰਤਰਤਾ ਦਿਵਸ।
 - * ਬਸੰਤ ਰੁੱਤ।ਅਰਜੀ/ਪੱਤਰ - 1 ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਫੀਸ ਮਾਫੀ 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

- ਪਾਠ 7 ਸੇ 13

SYLLABUS OF 7th CLASS

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

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

GK	<table border="0"> <thead> <tr> <th style="text-align: left;">Topic</th> <th style="text-align: right;">Page No.</th> </tr> </thead> <tbody> <tr><td>Fairs of India</td><td style="text-align: right;">48</td></tr> <tr><td>Rock and Roll</td><td style="text-align: right;">49</td></tr> <tr><td>Jewellery section</td><td style="text-align: right;">50</td></tr> <tr><td>Folk Theatre</td><td style="text-align: right;">51</td></tr> <tr><td>Street food</td><td style="text-align: right;">52</td></tr> <tr><td>Theatre Personality</td><td style="text-align: right;">53</td></tr> <tr><td>Festivals and Celebrations</td><td style="text-align: right;">55</td></tr> <tr><td>Traditional Costumes</td><td style="text-align: right;">57</td></tr> <tr><td>Awards and Accolades</td><td style="text-align: right;">58</td></tr> <tr><td>Best Indian Brands Slogans</td><td style="text-align: right;">59</td></tr> <tr><td>Test your Wisdom</td><td style="text-align: right;">61, 62</td></tr> <tr><td>Magic Squares</td><td style="text-align: right;">69</td></tr> <tr><td>Missing Numbers</td><td style="text-align: right;">71</td></tr> <tr><td>Guess the Shape</td><td style="text-align: right;">73</td></tr> <tr><td>Know you Measure</td><td style="text-align: right;">74</td></tr> <tr><td>International Shopping</td><td style="text-align: right;">75</td></tr> <tr><td>Test Your Wisdom</td><td style="text-align: right;">79, 80</td></tr> <tr><td>Check mate</td><td style="text-align: right;">81</td></tr> <tr><td>Indian Tennis Stars</td><td style="text-align: right;">83</td></tr> <tr><td>The Game of Skill</td><td style="text-align: right;">84</td></tr> <tr><td>Our National Game</td><td style="text-align: right;">85</td></tr> <tr><td>Our Hockey Stars</td><td style="text-align: right;">86</td></tr> <tr><td>Yoga – The Spirit of Life</td><td style="text-align: right;">87</td></tr> <tr><td>The Everest Story</td><td style="text-align: right;">88, 89</td></tr> <tr><td>Adventure Sports</td><td style="text-align: right;">90</td></tr> <tr><td>International Stadiums</td><td style="text-align: right;">94</td></tr> <tr><td>Test Your Wisdom</td><td style="text-align: right;">96, 96</td></tr> </tbody> </table>	Topic	Page No.	Fairs of India	48	Rock and Roll	49	Jewellery section	50	Folk Theatre	51	Street food	52	Theatre Personality	53	Festivals and Celebrations	55	Traditional Costumes	57	Awards and Accolades	58	Best Indian Brands Slogans	59	Test your Wisdom	61, 62	Magic Squares	69	Missing Numbers	71	Guess the Shape	73	Know you Measure	74	International Shopping	75	Test Your Wisdom	79, 80	Check mate	81	Indian Tennis Stars	83	The Game of Skill	84	Our National Game	85	Our Hockey Stars	86	Yoga – The Spirit of Life	87	The Everest Story	88, 89	Adventure Sports	90	International Stadiums	94	Test Your Wisdom	96, 96
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ART	<p>Indian artist and painting Mandala art with calligraphy quotes step by step page number 21 to 30 Perspective of tree How to make composition effect</p>																																																								
Punjabi	<p>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) 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[ivAwkrn- ilMg bdlo (pMnw-29), ASu`D-Su`D (pMnw- 104), ipCyqr (1-19), muhwvry (41-60), ivsrm icMnH (swry), ivroDI Sbd (pMnw-84), bhuqy SbdW dI QW ie`k Sbd (pMnw-95), Axif~Tw pYrHw, qsvIr vrnx[</p>																																																								

**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 ਤੋਲ, ਕਾਬੁਲੀਵਾਲਾ, ਪੇਸ਼ੀ ਦੇ ਨਿਆਣੇ।
ਕਿਸ ਨੇ ਕਿਸ ਨੂੰ ਕਿਹਾ- ਮੱਖਣ ਦਾ ਤੋਲ, ਕਾਬੁਲੀ ਵਾਲਾ।
ਸ਼ਬਦ ਅਰਥ- ਭਾਸ਼ਾ ਦਾ ਗਣਿਤ, ਅਲੋਪ ਹੋ ਰਹੇ ਕਿੱਤੇ।

ਵਿਆਕਰਨ:

ਅਣਡਿੱਠਾ ਪੈਰਾ, ਅਣਡਿੱਠੀ ਕਾਵਿ-ਟੱਕੜੀ, ਤਸਵੀਰ ਵਰਨਣ, ਬਹੁਅਰਥਕ ਸ਼ਬਦ (ਪੰਨਾ-96-97), ਬਹੁਤੇ ਸ਼ਬਦਾਂ ਦੀ ਥਾਂ ਇੱਕ ਸ਼ਬਦ (1 ਤੋਂ 40), ਵਿਰੋਧੀ ਸ਼ਬਦ (ਪੰਨਾ-90-91), ਅਸੁੱਧ-ਸੁੱਧ (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।

ਹਿੰਦੀ

1. ਅਧਿਐਤਬੋਧ

ਦੋ ਅਧਿਐਤਗਢਾਂਸ਼ਲਗਭਗ 200 ਸ਼ਬਦੀਕੇ

2. ਵਯਾਵਹਾਰਿਕਵਯਾਕਿਯ

*ਅਨੁਸਵਯਰ, ਅਨੁਨਯਸਿਕ

**੨ ਕੇਵਕਸਭਨਰੂਪ

*ਤਪਿਗਗਪ੍ਰਤ੍ਰ

*ਸ਼ਬਦਭਾਂਡਯਰ (ਕਵਲੋਮਸ਼ਬਦ, ਯਯਕਯਚੀਸ਼ਬਦ, ਕਯਕਯਾਂਸ਼ਕੇਸਲਏਕਸ਼ਬਦ)

*ਿਾਂਧਿ (ਸਵਰਔਰਕ੍ਾਂਜਨਿਾਂਧਿ)

*ਿਸਯਿ

*ਕਯਕਯੇਢ (ਕਚਨਯਏਵਾਂਅਗਕੇਆਯਰਪਰ)

*ਅਲਾਂਕਯਰ (ਅਨੁਪ੍ਰਯਿ, ੍ਸਕ, ਤਪਮਯ, ਮਯਨਕੀਕਰਯ, ਅਤਤਸ਼ਕਕਕਤ)

*ਕਕਰਯਮਧਚਙ

*ਸੁਹਯਕਰੇ 3. ਪਾਠਯਪੁਸ਼ਤਕ

ਪਯਿ 1. ਹਮਪਾਂਛੀਤਨੁਕਤਗਗਨਕੇ (ਕਕਕਕਤਯ)

ਪਯਿ 2. ਅਿਲਿਨ(ਕਹਯਨੀ)

ਪਯਿ 4. ਢੋਪਹਰੀ (ਕਕਕਕਤਯ)

ਪਯਿ 6. ਆਸ਼੍ਰਮਕੇਅਤਤਧਔਰਿਾਂਸ਼ਮਰਯ (ਿਾਂਸ਼ਮਰਯ)

ਪਯਿ 7. ਅਨ੍ਕੇਖਿਲਯਫਲਡਯਏ (ਕੀਕਨੀ)

पयि 8. दोहे (पद)

पयि 10. बयतचीतकीकलय (तनबांि)

पयि 11. सितयरोंिेआगे (जीवनी)

पयि 12. पौिेकेपांि (डग्री)

पयि 13. िूरऔरतुलीकेपद (पद)

पयि 15. कयमचोर (कहयनी)

पयि 17. िोनय (रेियधचत्र, िांस्मरण)

पयि 18. तनमयगण (कववतय)

पयि 19. जीवनकयिच (पत्र)

4. िचनात्मकलेखन

*अनुच्छेदलेिनि

*पत्रलेिनि (औपचयररकवअनौपचयररकपत्र)

*िांवयदलेिनि

*िूचनयलेिनि

नैततकशिक्षा

पयि 1. ओ३म्ध्वज (शब्दयर्ग, भयवयर्गएवांमहत्व)

पयि 2. ईश्वरकयिवगश्रेष्ििनयम (ओ३म्कयमहत्व, ओ३म्जपकेलयभ)

पयि 3. आत्मबोि (शब्दयर्ग, भयवयर्गकांिस्र्ीकरण)

पयि 4. गीतयकेदोश्लोक (शब्दयर्ग, भयवयर्गएवांउददेश्)

पयि 5. गय्तीजपकयप्रभयव (गय्तीमांत्रकीमठहमय, अर्गएवांलयभ)

पयि 6. िांस्कृतभयषय (आवश्कतय, महत्वउपोधगतय)

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

पयि 8. पांचमहय्ज (नयम, पररभयषय, उददेश्, ववधिएवांलयभ)

पयि 9. डी०ए०वी०गयन(शब्दयर्ग, भयवयर्गएवांकांिस्र्ीकरण)

पयि 10. ्ोगकीपहलीिीढी- म(्ोगएवांमोकेअर्गएवांमहत्व)

पयि 11. ्ोगकीदववतीिीढी- तन्म(तन्मोकेनयम, अर्गएवांमहत्व)

पयि 12. वणगव् वस्यकयस्वरूप (भेदएवांआवश्कतय)

पयि 13. आश्रमव् वस्य (भेद, अर्ग, महत्व)

पयि 14. ककिदरजयऊंमै (भयवयर्गएवांकांिस्र्ीकरण)

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

पयि 16. ित्यर्गप्रकयश (अर्ग, महत्वएवांिभीिमुल्लयिोंकीवष्वस्तु)

पयि 17. डी०ए०वी०िांस्यएँ (डी०ए०वी०कीस्यपनय, ववशेषतयएँ, उददेश्एवांोगदयन)

पयि 18. डॉ. मेहरचांदमहयजन (जन्म, सशक्षयएवांडी०ए०वी०में०ोगदयन)

पयि 19. रयप्रीगीत (शब्दयर्गएवांकांिस्त्रीकरण)

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

- 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- 8 (Force and Laws of Motion) Ch- 9 (Gravitation)	Ch- 10 (Work and Energy) Ch- 11 (Sound)

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-I

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**
- *JOURNAL 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 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

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

CLASS: XI Science

Session: 2024-25

ANNUAL EXAMINATION 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, 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-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-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

BIOLOGY

CH-1 The Living World

CH-2 Biological Classification

CH-3 Plant Kingdom

CH-4 Animal Kingdom

CH-5 Morphology of Flowering Plants

CH-6 Anatomy of Flowering Plants

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 in Higher Plants

CH-14 Respiration in Plants

CH-15 Plant- Growth and Development

CH- 17 Breathing and exchange of gases

CH- 18 Body fluids and circulation

CH-19 Excretory Products and their Elimination

CH-20 Locomotion and Movement

CH-21 Neural Control and Coordination

CH-22 Chemical Coordination and Integration

ENGLISH

Hornbill Book

- 1. The Portrait of a Lady (Prose)**
- 2. A Photograph (Poem)**
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- 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

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Data Query: SELECT, FROM, WHERE with relational operators, BETWEEN, logical operators, IS NULL, IS NOT NULL

Data Manipulation: INSERT, DELETE, UPDATE

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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
The Third Level
The Tiger King
Journey to the End of the Earth
data or resume.
The Enemy
On the Face of It
Memories of Childhood:
i) The Cutting of My Long Hair
ii) We Too are Human Beings

Writing Skills
Notice
Formal/Informal Invitation and Reply
Letter types: application for a job with bio
Letters to the editor
Article/ Report Writing

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**
- 2. Inverse Trigonometric Functions**
- 3. Matrices**
- 4. Determinants**
- 5. Continuity and Differentiability**
- 6. Applications of Derivatives**
- 7. Integrals**
- 8. Applications of the Integrals**
- 9. Differential Equations**
- 10. Vectors**
- 11. Three Dimensional Geometry**
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ENGLISH

- Book: Flamingo**
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- o *Lost Spring*
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- o *Keeping Quiet*
- o *A Thing of Beauty*
- o *A Roadside Stand*
- o *Aunt Jennifer's Tigers*

- **Book: Vistas**

- o *The Third Level*
- o *The Tiger King*
- o *Journey to the End of the Earth*
- o *The Enemy*
- o *On the Face of It*
- o *Memories of Childhood:*
 - *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*
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