

SYLLABUS

Session - 2022-23

Class - VIII

S. No.	Subject	Page No.
1.	English	2
2.	Hindi	9
3.	Punjabi	15
4.	Maths	21
5.	Science	28
6.	S.St.	35
7.	GK/M.Sc.	43
8.	Computer	45
9.	Art & Craft	52
10.	Music / Dance	54
11.	Physical Education	56

Subject : English

Books prescribed:

1. Honeydew NCERT
2. It so happened NCERT
3. BBC Compacta Basic Brajindra Book Company

Distribution of English Paper

Periodic Test 1 + Notebook + Activity + Half yearly exam

$$10 + 5 + 5 + 80 = 100$$

English paper will be divided into three sections.

Scheme of section and weightage to contents for Half Yearly exam. (80 marks)

Section -A(Reading) (20 marks)

This section will have one unseen passage and one unseen poem (12+8=20)

Section - B (Writing + Grammar) (15+15 = 30marks)

Writing:

1. Formal/Informal letter/E-mail 5 marks
2. Speech/Short story 6 marks
3. Notice/Diary entry/Factual description 4 marks

Grammar:

Parts of speech/tenses/reported speech/voice/sentence reordering (Gap filling/ editing/omission) 15 marks

Section - C (Literature) (30 marks)

- Extracts from Honeydew with reference to the context (4 marks)
- Five short questions of 30-40 words each from Honeydew and It so happened (3 questions from Honeydew and two questions from It so happened) (2×5=10 marks)
- Two long questions of 50-60 words from Honeydew (4×2=8 marks)
- Two long questions of 50-60 words from It so happened (4×2 = 8 marks)

Scheme of section and weightage to contents for Periodic Test (20 marks)

Section -A(Reading) 4 marks

An unseen passage or a poem with short answer type questions.

Section - B (Writing + Grammar) 4+4 marks

Section - C (Literature) 8 marks

One text based extract with two short questions. 2 marks

Two short answer type questions from Honeydew 2 marks

Two short answer type questions from It so happened 2 marks

One long question from either book 2 marks

TERM - 1

UNIT - 1

Honeydew

Ch-1: The Best Christmas Present in the World

The Ant and the Cricket (Poem) Literary tools to be discussed - Fable, Personification, Symbolism, Simile, Rhyme scheme, Rhyming words

It so happened

Ch-1: How the Camel got his hump

Grammar Tenses

Composition Notice writing

Activity Synonyms (from BBC)

UNIT - 2

Honeydew

Ch-2: The Tsunami

Geography Lesson (Poem) - Literary tool to be discussed - Refrain, Alliteration

It so happened

Ch-2 : Children at work

Grammar Tenses

Composition Formal letter writing (to Principal & Editor)

Activity Comprehension passage from BBC

UNIT - 3

Honeydew

Ch-3: Glimpses of the Past

Macavity: The Mystery Cat (Poem) - Literary tools to be discussed - Personification, Hyperbole, Exaggeration

It so happened

Ch-3: The Selfish Giant

Grammar Voice

Composition Informal letter writing
Activity Antonyms from BBC

UNIT - 4

Honeydew

Ch-4: Bepin Choudhary's Lapse of Memory

The Last Bargain (Poem) - Literary tools to be discussed - Alliteration, Repetition

It so happened

Ch-4: The Treasure Within

Grammar Voice

Composition Diary Entry

Activity Comprehension passage from BBC

UNIT - 5

Honeydew

Ch-5: The Summit Within

The School Boy (Poem) Literary tools to be discussed - Mood/Tone

It so happened

Ch-5: Princess September

Grammar Subject Verb Agreement, Modals

Composition Speech writing

Activity Editing (Error detection & Omission)

TERM - 2

UNIT - 6

Honeydew

Ch-6: This is Jody's Fawn

The Duck and the Kangaroo (Poem) Literary tools to be discussed -
Personification

It so happened

Ch-6: The Fight

Grammar	Reported Speech
Composition	Descriptive Paragraph
Activity	Gap Filling from BBC

UNIT - 7

Honeydew

Ch-7: A Visit to Cambridge

When I Set Out for Lyonesse (Poem) Literary tools to be discussed -
Imagery/Mood/Tone

It so happened

Ch-7: The Open Window

Grammar	Reported speech
Composition	Short story
Activity	Idioms from BBC

UNIT - 8

Honeydew

Ch-8: A Short Monsoon Diary

On the Grasshopper and Cricket (Poem) Literary tools to be discussed -
Metaphor, Sonnet, Symbolism

It so happened

Ch-8: Jalebis

Grammar	Non-Finites
Composition	Article writing
Activity	Sentence Reordering from BBC

UNIT -9

Honeydew

Ch-9: The Great Stone Face-1

It so happened

Ch-9: The Comet-1

Grammar	Determiners
Composition	E mail
Activity	One word substitution from BBC

UNIT -10

Honeydew

Ch-10: The Great Stone Face-II

It so happened

Ch-10: The Comet-II

Grammar	Clauses
Composition	Formal letter writing (Business letter)
Activity	Spelling Check from BBC

Vocabulary Words

Honeydew

- Ch-1 : spotted it, scorch marks, restore, veneer, scruples, trenches, fritz, cello, marzipan, muddle - headed
- Ch-2 : archipelago, tremor, chaos, recede, traumatised, resort, triggered, refuge, surge, hysterical.
- Ch-3 : glimpses, conquest, subdue, dethrone, reform, cripple, essence, grievances, intellectuals, conquer, revolt, sepoy, rebellion massacre, ruin, pounced
- Ch-4 : meek, intimate, bracing, sleuthing, carry on, conscientious, tranquilliser
- Ch-5 : surge, panorama, jubilant, tinge, exhaustion, exhilarating, communion, defied, spiritual, obeisance, ordeals
- Ch-6 : dilated, close shave, acorns, hemmed in, sidled back, buzzard, adjacent, parted, delirious, quivering, convulsion, sleek, hoist, romp, balked.
- Ch-7 : astrophysicist, buoyant, torso, accessory, inflection, cliché, gleefully, claustrophobic
- Ch-8 : melancholy, fern, heralded, drumming, ravine, disconsolately, imprecations, bloodletting, crevices, shrew, caress
- Ch-9 : perpendicular, immense, enormous, gigantic, clustering, benign, prophecy, stir, pensive, inhabitants, beheld, proclaim, banquet, labour
- Ch-10 : furrows, obscure, unaware, customary toil, hospitably, custom, sage, diffused, corresponded, harmony, inquire.

विषय - हिन्दी

भाषा - शिक्षण के सामान्य उद्देश्य

- हिन्दी ध्वनियों के मानक उच्चारण और लिखित रूपों का ज्ञान प्राप्त करना और उनका शुद्ध उच्चारण करना।
- हिन्दी के व्यावहारिक व्याकरण का सामान्य परिचय प्राप्त करना।
- हिन्दी का व्यावहारिक प्रयोग करने की योग्यता का विकास करना।
- फिल्म, दूरदर्शन और रेडियो द्वारा हिन्दी कार्यक्रमों को देख - सुनकर मनोरंजन तथा ज्ञान प्राप्त करने की क्षमता का विकास करना।
- हिन्दी में सरल विषयों पर बातचीत करने की योग्यता का विकास करना।
- अर्थबोध के साथ सरल हिन्दी में लिखे गद्य खंड और सरल एवं रोचक कविताएँ पढ़ने की योग्यता का विकास करना।
- हिन्दी और मातृभाषा में प्रयुक्त एक ही शब्द के भिन्न अर्थों को समझना।

भाषा - शिक्षण के विशिष्ट उद्देश्य

1. हिन्दी की सभी ध्वनियों का मानक एवं स्पष्ट उच्चारण करना।
2. बोलते समय सही अनुत्तन का प्रयोग करना।
3. संयुक्ताक्षर वाले शब्दों का शुद्ध उच्चारण करना।
4. हिन्दी में दिए गए निर्देशों को समझना।
5. हिन्दी के सरल संवादों के अभिनय में भाग लेना।
6. हिन्दी में सरल कविताएँ व कहानियाँ सुनाना।

Marking Scheme of Periodic Test

20 Marks

अंक विभाजन

(1) अपठित गद्यांश	1×3=3
(2) वसंत / प्रश्न उत्तर	2×3=6
(3) आकाशदीप	3
(4) व्याकरण	4
(5) आकाशदीप	4

Terminal Examination

Marks : 80

अंक विभाजन - 80

प्रश्न पत्र चार खंडों में विभाजित है। (क, ख, ग, घ)

खण्ड 'क'

(1) अपठित गद्यांश	10
-------------------	----

खण्ड 'ख'

(1) व्याकरण	22 Marks
-------------	----------

खण्ड 'ग'

(1) वसंत	28 Marks
(2) कविता भाग	6
(3) प्रश्न उत्तर (आकाशदीप)	6
खाली स्थान (आकाशदीप)	4

खण्ड 'घ' (लेखन)

(20 Marks)

(1) अनुच्छेद	5 Marks
(2) पत्र	5 Marks

(3) संवाद

5 Marks

(4) विज्ञापन

5 Marks

TERM - 1

Unit-1

वसंत पुस्तक (कविता) (1) 'ध्वनि'

पाठ (2) 'लाख की चूड़ियाँ'

आकाशदीप पाठ - 1 रक्षाबंधन

नवीन शब्द - करूणा, क्रुद्ध

व्याकरण मुहावरे (1-20) अनौपचारिक पत्र, कारक (कर्ता, कर्म, करण, संप्रदान)

Unit-2

वसंत पुस्तक पाठ (3) बस की यात्रा

पाठ - 4 दीवानों की हस्ती

आकाशदीप पाठ - 2 घर की वापसी

नवीन शब्द - अधेड़, सर्वदा, अपेक्षा, आफत

व्याकरण पर्यायवाची शब्द (1 से 20) अनुच्छेद (पर्यावरण आधारित)

क्रिया कलाप नं 1 लाख से निर्मित किन्ही 5 वस्तुओं का सचित्र वर्णन करें।

Unit-3

वसंत पुस्तक पाठ - 5 चिट्ठियों की अनूठी दुनिया

पाठ - 6 भगवान के डाकिए

आकाशदीप पाठ - 3 महातीर्थ

व्याकरण अलंकार (अनुप्रास, यमक)
कारक : (अपादान, अधिकरण, संबंध, संबोधन)

Unit-4

वसंत पुस्तक पाठ - 7 क्या निराश हुआ जाए
वसंत पाठ - 8 यह सबसे कठिन समय नहीं
आकाशदीप पाठ - 4 प्यार की नींव
व्याकरण विराम चिन्ह (पूर्ण, अल्प, प्रश्न, विस्मयादि, योजक, निर्देशक)
क्रिया (अकर्मक, सकर्मक, प्रेरणार्थक)

Unit-5

वसंत पुस्तक पाठ - 9 कबीर की साखियाँ
आकाशदीप पाठ - बबून
पाठ - 6 एक स्वप्न
व्याकरण : संवाद लेखन, विज्ञापन लेखन, उपसर्ग
क्रिया कलाप - 2 : भक्ति काल के किन्हीं 5 कवियों का सचित्र वर्णन करें।

TERM - 2

Unit-6

वसंत पुस्तक पाठ 10 कामचोर
वसंत पाठ 11 जब सिनेमा ने बोलना सीखा
आकाशदीप पाठ 7 ममता
व्याकरण संधि (दीर्घ, गुण, वृद्धि), भिन्नार्थक शब्द (1-20)
पत्र : अनौपचारिक पत्र।

Unit-7

वसंत पुस्तक	पाठ - 12 सुदामा चरित पाठ 13 जहाँ पहिया
आकाशदीप	पाठ - 8 आशीर्वाद
व्याकरण	वर्ण विच्छेद, संधि (यण, अयादि) अनुच्छेद: विज्ञान व तकनीक से संबंधित
क्रिया कलाप - 3	(व्याकरण आधारित) स्वर संधि का वृक्षारेपण कीजिए।

Unit-8

वसंत पुस्तक	पाठ - 14 अकबरी लोटा पाठ - 15 सूरदास के पद
आकाशदीप	पाठ 9 मानवता की भेंट
व्याकरण	विराम चिह्न (उद्धरण, विवरण, कोष्ठक, हंसपद, लाघव, उपविराम, अर्द्धविराम) प्रत्यय, (पूर्ण), औपचारिक पत्र।

Unit-9

वसंत पुस्तक	पाठ - 16 पानी की कहानी पाठ 17 बाज और साँप
आकाशदीप	पाठ 10 शीका
व्याकरण	अलंकार (श्लेष, उपमा), वाक्य रूपांतरण (रचना के आधार पर)

Unit- 10

वसंत पुस्तक पाठ 18 टोपी

आकाशदीप पाठ - 11 नरभक्षी

पाठ 12 उसने कहा था।

व्याकरण संवाद, विज्ञापन लेखन

क्रिया कलाप - 4 कपास से कपड़ा बनाने की प्रक्रिया का सचित्र वर्णन करो।

ਪੰਜਾਬੀ

ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਸਿਖਣ ਉਦੇਸ਼

ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਗਿਆਨ ਨੂੰ ਸਮਝ ਕੇ ਉਸਦੀ ਢੁਕਵੀ ਵਰਤੋਂ ਦੇ ਯੋਗ ਬਨਾਉਣਾ ਤੇ ਸਾਹਿਤ ਦੀਆਂ ਵੱਖ-ਵੱਖ ਵਿਧਾਵਾਂ-ਕਵਿਤਾ ਕਹਾਣੀ, ਇਕਾਂਗੀ ਆਦਿ ਤੋਂ ਜਾਣੂ ਕਰਵਾਉਣਾ ਤਾਂ ਕਿ ਵਿਦਿਆਰਥੀ ਭਾਸ਼ਾ ਦੇ ਵੱਖ-ਵੱਖ ਕੋਸ਼ਲਾਂ ਵਿੱਚ ਨਿੰਪੁਨ ਹੋ ਕੇ ਆਪਣੀ ਬਹੁਪੱਖੀ ਪ੍ਰਤਿਭਾ ਦਾ ਵਿਕਾਸ ਕਰ ਸਕਣ। ਭਾਸ਼ਾ ਦਾ ਮੂਲ ਉਦੇਸ਼ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੰਜਾਬੀ ਸਾਹਿਤਕ ਵਿਰਸੇ ਨਾਲ ਜੋੜਨਾ ਹੈ।

ਵਿਦਿਆਰਥੀਆਂ ਦੀ ਛਿਪੀ ਹੋਈ ਪ੍ਰਤਿਭਾ ਨੂੰ ਬਾਹਰ ਲਿਆਉਣ ਲਈ ਬੋਰਡ ਵਲੋਂ ਸਾਲਾਨਾ ਪ੍ਰੀਖਿਆ ਦੀ ਨਾਲ-ਨਾਲ ਆਂਤਰਿਕ ਮੁਲਾਂਕਣ ਲਈ 20 ਅੰਕ ਰਾਖਵੇ ਰੱਖੇ ਗਏ ਹਨ (ਜਿਸਦੇ ਤਹਿਤ)

ਫਾਰਮੇਟਿਵ ਅਸੈਸਮੈਂਟ (ਅੰਕ-ਵੰਡ)

10 ਅੰਕ ਲਿਖਤੀ ਪ੍ਰੀਖਿਆ (ਜਮਾਤ ਟੈਸਟ)

5 ਅੰਕ ਪ੍ਰੋਜੈਕਟ, ਜਮਾਤ ਅਤੇ ਘਰ ਦਾ ਕੰਮ

5 ਅੰਕ ASL (ਸਿਰਫ ਸੁਣਨ, ਬੋਲਣ ਤੇ ਸਮਝਣ ਉਤੇ ਅਧਾਰਿਤ)

ਇਹਨਾਂ ਗਤੀਵਿਧੀਆਂ ਦਾ ਮੁਲਾਂਕਣ ਵਿਸ਼ੇ ਨਾਲ ਸੰਬਧਿਤ ਅਧਿਆਪਕ ਤੇ ਸਕੂਲ ਪ੍ਰਿੰਸੀਪਲ ਵਲੋਂ ਨਿਰਧਾਰਿਤ ਅਧਿਆਪਕ ਦੀ ਨਿਗਰਾਨੀ ਵਿੱਚ ਪੜ੍ਹਨ, ਲਿਖਣ ਅਤੇ ਬੋਲਣ ਕੌਸ਼ਲ ਦੇ ਅਨੁਸਾਰ ਕੀਤਾ ਜਾਵੇਗਾ।

ਕੁੱਲ ਅੰਕ : 20

ਪਾਠ- ਪੁਸਤਕ :

ਪ੍ਰਸ਼ਨ ਅਤੇ ਬਹੁਵਿਕਲਪੀ ਪ੍ਰਸ਼ਨ $2 \times 1 = 2$

ਅਤਿ ਛੋਟੇ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਉੱਤਰ $2 \times 1 = 2$

ਛੋਟੇ ਪ੍ਰਸ਼ਨ $2 \times 2 = 4$

ਵੱਡਾ ਪ੍ਰਸ਼ਨ $1 \times 2 = 2$

ਵਿਆਕਰਨ : $1 \times 4 = 4$

ਅਣਡਿੱਠਾ ਪੈਰਾ/ਕਾਵਿ ਟੁਕੜੀ/ਚਿੱਤਰ ਵਰਨਣ : $1 \times 3 = 3$

ਪੱਤਰ/ਲੇਖ : $1 \times 3 = 3$

ਸਮੇਟਿੱਵ ਅਸੈਸਮੈਂਟ (ਅੰਕ-ਵੰਡ)

ਕੁੱਲ ਅੰਕ- 80

1. ਪੜ੍ਹਨ ਕੌਸ਼ਲ Reading Skill (15)

ਅਣਡਿੱਠਾ ਪੈਰਾ (9)

ਪੰਜ ਛੋਟੇ ਪ੍ਰਸ਼ਨ - $(2+2+2+2+1)$ (1 ਅੰਕ ਸਿਰਲੇਖ ਲਈ)

ਕਾਵਿ ਟੁਕੜੀ ਨਾਲ ਸੰਬੰਧਿਤ (ਤਿੰਨ ਪ੍ਰਸ਼ਨ) (ਪਾਠ-ਪੁਸਤਕ ਵਿਚੋਂ) $(3 \times 2 = 6)$

2. ਵਿਆਕਰਨ : (ਬਹੁ-ਵਿਕਲਪੀ ਅਤੇ ਛੋਟੇ ਪ੍ਰਸ਼ਨ) Grammar 20

1. ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ (2)

2. ਮੁਹਾਵਰੇ (ਬਹੁ-ਵਿਕਲਪੀ) ਕ ਤੋਂ ਜ ਅੱਖਰ ਤੱਕ (3)

3. ਬਹੁ-ਅਰਥਕ (ਬਹੁ-ਵਿਕਲਪੀ) (2)

4. ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ (ਬਹੁ -ਵਿਕਲਪੀ) (3)

5. ਵਿਸਮਕ ਚਿੰਨ੍ਹ (2)

6. ਕਾਰਕ (ਬਹੁ-ਵਿਕਲਪੀ) (3)

7. ਵਾਕ ਸ਼ੋਧ (3)

8. ਪਿਛੇਤਰ (2)

3. ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਲਿਖਣ ਕੌਸ਼ਲ

ਲੇਖ (ਤਿੰਨ ਲੇਖ ਚੋਣ ਅਧਾਰਿਤ ਨੁਕਤਿਆਂ ਸਹਿਤ) 10

ਪੱਤਰ 08

ਚਿੱਤਰ ਵਰਨਣ 07

25

4.	ਪਾਠ-ਪੁਸਤਕ ਦੇ ਆਧਾਰ 'ਤੇ (Text Book)	20 ਅੰਕ
1.	ਅਤਿ ਛੋਟੇ ਪ੍ਰਸ਼ਨ - (ਇਕ ਵਾਕ ਜਾਂ ਇਕ ਸਤਰ ਵਾਲੇ)	
	ੳ) ਕਹਾਣੀ ਤੇ ਵਾਰਤਕ ਵਿੱਚੋਂ (ਬਹੁ-ਵਿਕਲਪੀ)	$4 \times 1 = 4$
	ਅ) ਕਵਿਤਾ ਤੇ ਇਕਾਂਗੀ ਵਿੱਚੋਂ (ਇੱਕ ਸ਼ਬਦ ਵਾਲੇ)	$4 \times 1 = 4$
2.	ਛੋਟੇ ਪ੍ਰਸ਼ਨ ਉੱਤਰ (2 ਅੰਕ ਵਾਲੇ) (25 ਤੋਂ 30 ਸ਼ਬਦਾਂ ਵਿੱਚ)	$3 \times 2 = 6$
	(ਕਹਾਣੀ ਤੇ ਜੀਵਨੀ ਵਿੱਚੋਂ)	
3.	ਵਾਰਤਕ ਜਾਂ ਇਕਾਂਗੀ (ਵੱਡਾ ਪ੍ਰਸ਼ਨ) (ਚੋਣ ਅਧਾਰਿਤ)	$1 \times 3 = 3$
4.	ਇਕਾਂਗੀ : ਵੱਡੇ ਭੈਣ ਜੀ (ਚੋਣ ਅਧਾਰਿਤ)	$1 \times 3 = 3$

TERM - 1

Unit - 1	ਕਵਿਤਾ - ਜੈ ਭਾਰਤ ਮਾਤਾ ਗਤੀਵਿਧੀ - ਇਸ ਕਵਿਤਾ ਵਿੱਚ ਆਏ ਦੇਸ਼-ਭਗਤਾਂ ਦੀਆਂ ਤਸਵੀਰਾਂ ਲਗਾਓ ਅਤੇ ਉਨ੍ਹਾਂ ਦੇ ਨਾਮ ਵੀ ਲਿਖੋ । ਕਹਾਣੀ - ਪੇਮੀ ਦੇ ਨਿਆਣੇ ਲੇਖ - ਫਿੰਝ ਫਰਾਹਾਂ ਦੀ ਵਿਆਕਰਨ - ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ, ਅਣਡਿੱਠਾ ਪੈਰੂ
Unit- 2	ਜੀਵਨੀ - 'ਸ੍ਰੀ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ' ਗਤੀਵਿਧੀ - 'ਸ੍ਰੀ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ' ਦੁਆਰਾ ਕੀਤੇ ਜਨਤਕ ਭਲਾਈ ਦੇ ਕੰਮਾਂ ਬਾਰੇ ਵਰਣਨ ਕਰੋ । ਕਵਿਤਾ - ਉੱਦਮ ਕਰੀਂ ਜਰੂਰ ਕਹਾਣੀ - ਦਲੇਰੀ

ਵਿਆਕਰਨ - ਮੁਹਾਵਰੇ (ਕ, ਖ ਅਖੱਰ)

(ਨਿੱਜੀ ਪੱਤਰ) 1. ਤੁਹਾਡਾ ਭਰਾ ਜੋ ਟੈਲੀਵਿਜ਼ਨ ਬਹੁਤ ਵੇਖਦਾ ਹੈ, ਉਸਨੂੰ ਜਿਆਦਾ ਟੈਲੀਵਿਜ਼ਨ ਵੇਖਣ ਦੇ ਨੁਕਸਾਨ ਦੱਸਦੇ ਹੋਏ ਪੜ੍ਹਨ ਲਈ ਪ੍ਰੇਰਿਤ ਕਰੋ।

2. ਮਿੱਤਰ ਨੂੰ ਸਾਲਾਨਾ ਪ੍ਰੀਖਿਆ ਵਿੱਚ ਅੱਵਲ ਆਉਣ ਤੇ ਵਧਾਈ ਪੱਤਰ ਲਿਖੋ।

Unit - 3

ਲੇਖ - ਰੂਪਨਗਰ

ਜੀਵਨੀ - ਬਾਬਾ ਫ਼ਰੀਦ ਜੀ

ਕਵਿਤਾ - ਪੰਜਾਬ

ਵਿਆਕਰਨ - ਵਿਸ਼ਰਾਮ ਚਿੰਨ੍ਹ

Unit - 4

ਕਹਾਣੀ - ਹਰਿਆਵਲ ਦੇ ਬੀਜ

ਗਤੀਵਿਧੀ - 'ਹਰਿਆਵਲ ਦੇ ਬੀਜ' ਕਹਾਣੀ ਨੂੰ ਚਿੱਤਰ ਕਥਾ ਰਾਹੀਂ ਬਿਆਨ ਕਰੋ।

ਲੇਖ - ਪੰਜਾਬੀ ਲੋਕ - ਨਾਚ ਗਿੱਧਾ

ਗਤੀਵਿਧੀ - ਪੰਜਾਬ ਦੇ ਕੋਈ ਦੋ ਲੋਕ ਨਾਚਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿਉ।

ਕਵਿਤਾ - ਧਰਤੀ

ਵਿਆਕਰਨ - ਬਹੁ-ਅਰਥਕ ਸ਼ਬਦ, ਕਾਵਿ-ਟੁਕੜੀ

ਲੇਖ - ਸ਼੍ਰੀ ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ, ਜੀਵਨ ਵਿੱਚ ਅਨੁਸ਼ਾਸਨ ਦੀ ਮਹੱਤਤਾ।

Unit- 5

ਜੀਵਨੀ - ਪੰਜਾਬ ਦਾ ਸੁਪਨ-ਸਾਜ਼ ਡਾ. ਮਹਿੰਦਰ ਸਿੰਘ ਰੰਧਾਵਾ

ਇਕਾਂਗੀ - ਵੱਡੇ ਭੈਣ ਜੀ

ਵਿਆਕਰਨ - ਇਸ਼ਤਿਹਾਰ

ਗਤੀਵਿਧੀ - ਬੋਲਣ ਅਤੇ ਸੁਣਨ ਕੌਸ਼ਲ

Term - I Unit - 1 to 5

Unit - 6

ਕਹਾਣੀ - ਸਾਂਝੀ ਮਾਂ

ਜੀਵਨੀ - ਰਬਿੰਦਰ ਨਾਥ ਟੈਗੋਰ

ਕਵਿਤਾ - ਗੁਲਾਬ ਦੀ ਫਸਲ

ਵਿਆਕਰਨ - ਵਿਸਮਿਕ ਚਿੰਨ੍ਹ

ਗਤੀਵਿਧੀ - ਵਿਸਮਿਕ ਚਿੰਨ੍ਹ ਨੂੰ ਤਸਵੀਰਾਂ ਦੀ ਸਹਾਇਤਾ ਨਾਲ ਬਿਆਨ ਕਰੋ ।

Unit - 7

ਜੀਵਨੀ - ਹਾਕੀ ਦਾ ਜਾਦੂਗਰ

ਗਤੀਵਿਧੀ - ਆਪਣੀ ਮਨ ਭਾਉਂਦੀ ਖੇਡ ਬਾਰੇ ਚਰਚਾ ਕਰੋ।

ਕਵਿਤਾ - ਅੰਮੜੀ ਦਾ ਵਿਹੜਾ

ਲੇਖ - ਲੋਹੜੀ

ਕਹਾਣੀ - ਛੱਲੀਆਂ ਦੇ ਰਾਖੇ

ਗਤੀਵਿਧੀ - ਖੇਤੀ ਬਾੜੀ ਨਾਲ ਸੰਬੰਧ ਸੰਦਾਂ ਬਾਰੇ ਦਸੋਂ।

ਵਿਆਕਰਨ - ਪਿਛੇਤਰ, ਇਸ਼ਤਿਹਾਰ

ਪੱਤਰ - 1. ਗਰਮੀਆਂ ਵਿੱਚ ਵੱਧ ਰਹੀ ਪਾਣੀ ਦੀ ਤੰਗੀ ਬਾਰੇ ਪੰਜਾਬੀ ਅਖ਼ਬਾਰ ਦੇ ਸੰਪਾਦਕ ਨੂੰ ਪੱਤਰ ਲਿਖੋ।

2. ਅਖ਼ਬਾਰ ਦੇ ਸੰਪਾਦਕ ਨੂੰ ਨਿੱਤ ਵਰਤੋਂ ਦੀਆਂ ਚੀਜ਼ਾਂ ਵਿੱਚ ਪਾਈ ਜਾਂਦੀ ਮਿਲਾਵਟ ਬਾਰੇ ਪੱਤਰ ਲਿਖੋ।

Unit - 8

ਲੇਖ - ਸਾਇੰਸ ਸਿਟੀ

ਜੀਵਨੀ- ਸ਼ਿਵ ਸਿੰਘ-ਬੁੱਤਘਾੜਾ

ਕਵਿਤਾ - ਪਿੰਡ ਦੀ ਘੁਲਾੜੀ

ਵਿਆਕਰਨ - ਕਾਰਕ, ਕਾਵਿ-ਟੁਕੜੀ

Unit - 9

ਕਹਾਣੀ - ਭੂਆ

ਗਤੀਵਿਧੀ - ਕਹਾਣੀ 'ਭੂਆ' ਵਿੱਚ ਲੇਖਕ ਨੇ ਮੁਹਾਵਰੇ ਤੇ ਅਖੌਤਾਂ ਕੀ ਵਰਤੋਂ ਕੀਤੀ ਹੈ, ਉਸ ਨੂੰ ਕਾਪੀ ਵਿੱਚ ਲਿਖੋ।

ਸਫ਼ਰਨਾਮਾ - ਰੱਬ ਦੀ ਪੌੜੀ

ਕਹਾਣੀ - ਗੱਗੂ

ਵਿਆਕਰਨ - ਮੁਹਾਵਰੇ (ਗ ਤੋਂ ਲੈ ਕੇ ਜ ਤੱਕ)

ਲੇਖ - ਖੇਡਾਂ ਦਾ ਜੀਵਨ ਵਿੱਚ ਮਹੱਤਵ, ਇੰਟਰਨੈੱਟ ਦੇ ਲਾਭ ਅਤੇ ਹਾਨੀਆਂ

Unit - 10

ਇਕਾਂਗੀ ਵੱਡੇ ਭੈਣ ਜੀ

ਵਿਆਕਰਨ - ਇਸ਼ਤਿਹਾਰ, ਵਾਕ ਸੋਧ

ਗਤੀਵਿਧੀ - ਬੋਲਣ ਅਤੇ ਸੁਣਨ ਕੌਸ਼ਲ

Subject : Mathematics

BOOK: TEXT BOOK OF MATHEMATICS by NCERT.

MARKING SCHEME FOR PERIODIC TEST

(20 Marks)

Q1 to 6 1 mark each $6 \times 1 = 6$

Q7 to 8 2 marks each $2 \times 2 = 4$

Q9 to 10 3 marks each $3 \times 2 = 6$

Q11 4 marks each $1 \times 4 = 4$

TOTAL =20 Marks

MARKING SCHEME FOR TERMINAL EXAM

(80 Marks)

Q1 - Q20 1 mark each $20 \times 1 = 20$

Q21 - Q26 2 marks each $6 \times 2 = 12$

Q27- Q34 3 marks each $8 \times 3 = 24$

Q35 - Q40 4 marks each $6 \times 4 = 24$

TOTAL : 80 marks

TERM I

CHAPTER :1 RATIONAL NUMBERS

KEY WORDS : Natural numbers, Whole numbers, Integers, Rational numbers, Additive inverse, Multiplicative inverse, Additive identity, Multiplicative identity, Closure property, Commutative property, Associative property, Distributive property.

- Properties of Rational Numbers
- Representation of Rational Numbers on number line.
- Existence of Rational Numbers between any two numbers.

ACTIVITY:

- Addition of rational numbers using grid method.

CHAPTER : 6 SQUARES AND SQUARE ROOTS

KEY WORDS: Square number, Pythagorean triplet, Square root, prime factorization

- Properties of square numbers.
- Square root by prime factorization.
- Square root by division method.

ACTIVITY:

- To find the square of any 2-digit / 3-digit number by diagonal method.

UNIT - II**CHAPTER : 12 EXPONENTS AND POWERS**

KEY WORDS : Base, Exponent, standard form of numbers

- Positive and Negative Exponents.
- Laws of exponents.

ACTIVITY:

- To find the value of 2^0 , 2^1 , 2^2 , 2^3 and 2^4 by paper folding.

UNIT - III**CHAPTER : 3 UNDERSTANDING QUADRILATERALS**

KEY WORDS : Simple curve, polygon, regular polygon, quadrilateral, diagonal, convex polygon, concave polygon, parallelogram, rectangle, rhombus, square, kite, trapezium.

- Polygons and their classification.
- Angle sum property of a quadrilateral.
- Exterior angle property of a quadrilateral.

- Types of quadrilateral and their properties.

ACTIVITY:

- To verify that the sum of interior / exterior angles of a quadrilateral is 360° by paper cutting and pasting.
- To verify that the diagonals of a Square and a Rectangle are of equal length by using thread.

CHAPTER: 2 LINEAR EQUATION IN ONE VARIABLE

KEY WORDS : Algebraic expression, variable, constants, equation, linear equation, linear equation in one variable solution.

- Solution of linear equation in one variable.
- Word problems of linear equation.

UNIT – IV

CHAPTER : 7 CUBES AND CUBE ROOTS

KEY WORDS : Cube numbers, cube root

Cube root by prime factorization.

UNIT – V

CHAPTER 5 : DATA HANDLING

KEY WORDS : Data, Range, Frequency, Upper limit, Lower limit, Class size, Class mark, Bar graph, Histogram, Sector, Pie Chart, Probability.

- Bar Graph and Double Bar Graph.
- Histogram.
- Pie Chart.
- Probability.

ACTIVITY:

- Write how much time you spent during a day in the following

headings:

- a) School b) homework c) play
- d) sleep e) watching TV
- f) others & Represent the information in a Pie Chart.

CHAPTER : 8 COMPARING QUANTITIES

KEY WORDS : Comparison, Ratio, Percent, Cost Price, Selling Price, Profit, Loss, Marked Price, Discount, Principal, Simple Interest, Compound Interest, Sales Tax, VAT

- Ratios, Fractions and Percentage
- Application of Percentage- Profit-loss, Discount, Tax, Simple Interest.

TERM - II

UNIT - VI

CHAPTER : 9 ALGEBRAIC EXPRESSIONS AND IDENTITIES

KEY WORDS : Constant, variable, algebraic expressions, terms, monomial, binomial, trinomial, polynomial, factor, coefficient, constant term, like terms, degree, identity.

- Addition, subtraction and multiplication of expressions.
- Algebraic Identities $(a+b)^2 = a^2 + b^2 + 2ab$
 $(a-b)^2 = a^2 + b^2 - 2ab$
 $(a+b)(a-b) = a^2 - b^2$
 $(x+a)(x+b) = x^2 + (a+b)x + ab$

ACTIVITY:

- To verify any one of the following identity by paper cutting and pasting:
 $(a + b)^2 = a^2 + 2ab + b^2$

$$(a - b)^2 = a^2 - 2ab + b^2$$

CHAPTER : 14 FACTORISATION

KEY WORDS : Factors, Factorisation

- Highest Common Factor of given expression.
- Factorization by regrouping the terms.
- Factorization by splitting middle term.
- Factorization by finding H.C.F.
- Factorization by using identities.
- Division of Algebraic Expressions.

UNIT -VII

CHAPTER :10 VISUALISING SOLID SHAPES

KEY WORDS : Plane shapes, Solid shapes, Polygon, Polyhedron, Face, Edge, Vertices, Regular polyhedron, Prism, Pyramid, Convex polyhedron, Tetrahedron, Octahedron, Net

- Introduction and views of solids.
- Prisms and Pyramids.
- Euler's formula for polyhedrons.

ACTIVITY:

- Verification and application of Euler's formula.

UNIT - VIII

CHAPTER : 11 MENSURATION

KEY WORDS : Mensuration, Perimeter, Area, Circumference, Volume, Cube, Cuboid, Cylinder.

- Area and Perimeter of 2-D shapes.
- Surface area and Volume of 3-D shapes.

ACTIVITY:

- To verify the formula of the area of triangle /trapezium by activity method.

CHAPTER:13 DIRECT AND INVERSE PROPORTIONS KEY WORDS :

Direct proportion, Inverse proportion

- Problems on Direct proportion.
- Problems on Inverse proportion.

UNIT – IX

CHAPTER : 16 PLAYING WITH NUMBERS

KEY WORDS : 2 digit number, 3 digit number

- Letters for digits
- Number Games (for 2 digit number, 3 digit number)
- Divisibility tests (by 2, 3, 5, 6, 8, 9, 10 and 11)

UNIT - X

CHAPTER: 15 INTRODUCTION TO GRAPHS

KEY WORDS : x-axis, y-axis, origin, x-coordinate, y-coordinate, line graph, linear graph, Abscissa, Ordinate, Quadrants.

- Reading of line graphs.
- Finding the Coordinates of a point.
- Plotting of points on graph.
- Formation of linear graph.

ACTIVITY:

- Plot the given points on a graph sheet. Find the area and perimeter of the shape obtained by joining them in order.

CHAPTER : 4 PRACTICAL GEOMETRY

KEYWORDS : Quadrilateral, Parallelogram, Rectangle, Rhombus, Square.

Construction of quadrilateral when:

- Four sides and one diagonal is given.
- Three sides and two diagonals are given.
- Two sides and three angles are given.
- Three sides and two angles are given.
- Construction of square, rectangle, rhombus and parallelogram by using their properties.

ACTIVITY:

- Construction of any special type of quadrilateral by using its properties.

Subject : Science

BOOK : SCIENCE AND TECHNOLOGY BY N.C.E.R.T.

OBJECTIVES:

The objectives of science and technology education at the upper primary stage are to:

- Expose the children to basic processes of science.
- Understand the processes that underlie simple scientific and technological activities
- Make the children understand applications of basic scientific principles to solve problems related to daily life
- Familiarize the children with life processes, health, nutrition and human diseases.
- Create an awareness of the immediate environment and a need for its protection.
- Make the children recognize the relationship of science, technology and society.
- Inculcate in children some of the science and technology related values; and
- To provide scientific and technological literacy to the learners.

TERM-I

UNIT-I

CHAPTER 1: CROP PRODUCTION AND MANAGEMENT

Keywords: Agricultural practices, Preparation of soil, Sowing , Adding

manures and fertilizers, Irrigation, Protection from weed , Harvesting and shortage, Food from animals, animal husbandry, crop, fertiliser, granaries, harvesting, irrigation, kharif, manure, plough, rabi, seeds ,silo, sowing, storage ,threshing , weeds , weedicide

Lab experiment : To study the apparatus used in laboratory.

CHAPTER 2 : MICROORGANISMS : FRIEND AND FOE

Microorganisms, Microorganism and us: Friendly microorganisms, Disease causing microorganisms, Food preservation, Nitrogen fixation, Nitrogen Cycle

Keywords: Algae, antibiotics, antibodies, bacteria, carrier, communicable diseases, fermentation, fungi, lactobacillus ,microorganism, nitrogen cycle, nitrogen fixation, pasteurization, pathogen, preservation, protozoa, rhizobium, vaccine, virus

Lab experiment : To study that carbon dioxide and alcohol is produced during fermentation.

UNIT-II

CHAPTER 3 : SYNTHETIC FIBRES AND PLASTICS

Synthetic fibres, Plastics and other synthetic materials, Usefulness of plastics, Disadvantages of plastics ,Fibrous materials in use

Keywords: Acrylic, artificial silk, Nylon, plastic, polyester, polymer, polythene, rayon, synthetic fibres, terylene, thermoplastics, thermosetting plastics.

Lab experiment: To study strength and uses of different fibres.

UNIT-III

CHAPTER 4: MATERIALS: METALS AND NON-METALS

Metals - Physical and Chemical Properties and Uses, Non-Metals: Physical and Chemical Properties and Uses

Keywords: Conductor, displacement reaction, ductility, elements, hardness, malleability, metals, metalloids, non-metals, sonorous

Lab experiment: To study the nature of metallic and non-metallic oxides.

CHAPTER 5 : COAL AND PETROLEUM Coal and its story, Natural Resources : Inexhaustible and exhaustible natural resources, Useful products obtained from coal, Formation of coal and petroleum in nature, Petroleum and refining of petroleum, Natural Gas

Keywords: Coal, coal gas, coal tar, coke, fossil fuel, natural gas, petroleum, petroleum refinery.

Interdisciplinary activity : EXTENDED LEARNING 1 (Page no. 63)

UNIT-IV

CHAPTER 6: COMBUSTION AND FLAME

Combustion and types of combustion, Flame, Fire Control, Fuels: Types of fuels

Heat released from fuels, Fuel efficiency and cost, Effects of burning fossil fuels

Keywords: Acid rain, calorific value, combustion. Deforestation, explosion Flame, fire extinguisher, fuel, fuel efficiency, global warming, ideal fuel, ignition temperature.

Lab experiment: To study different zones of candle flame.

UNIT-V

CHAPTER 7: CONSERVATION OF PLANTS AND ANIMALS

Deforestation and its causes and consequences, Conservation of wildlife, sanctuary, national park, zoo, forest reserves, Flora and Fauna , Endemic species , Endangered species and red data book ,Migration , Reforestation

Keywords: biodiversity, biosphere reserve, deforestation, desertification, ecosystem, endangered species, endemic species, extinct, fauna, flora, migratory birds national park, red data book.

CHAPTER 8: CELL STRUCTURE AND FUNCTION

Discovery of cell, Organism show variety in cell number, shape and size, Cell structure and function, Parts of cell: cell membrane, cytoplasm , Nucleus, vacuole and chloroplast , Comparison of plant and animal cell

Keywords: cell, cell membrane, cell wall, chloroplast, chromosome, cytoplasm, eukaryotes, gene, multi-cellular, nuclear membrane, nucleus , organ

Lab experiment: To study permanent slides of Amoeba and Paramecium.

OR

To make temporary mount of an onion peel.

CHAPTER 9: REPRODUCTION IN ANIMALS

Modes of reproduction, Sexual reproduction: male and female reproductive organs, Internal and external fertilization, development of embryo , Viviparous and oviparous organisms, young ones to adults ,Asexual reproduction

Keywords: Asexual reproduction, binary fission, budding, eggs, embryo, external fertilization, Fertilization , foetus, internal fertilization, metamorphosis ,oviparous animals, sexual reproduction , sperms , viviparous animals , zygote.

TERM-II

UNIT VI

CHAPTER 10 : REACHING THE AGE OF ADOLESCENCE

Adolescence and puberty: Secondary sexual characteristics, Role of hormones in initializing reproductive functions, Reproductive phase in humans , How is the sex of baby determined ,Hormones other than sex hormones, Role of hormones in completing the life history of insects and frogs, Reproductive Health

Keywords: Adam's apple, adolescence, adrenalin, balanced diet, endocrine glands, oestrogen, hormones, insulin, pituitary gland, puberty, reproductive health secondary sexual characters, sex chromosomes, target site, testosterone, thyroxine , voice box.

Doctor's talk – TOPIC- “PERSONAL HYGIENE”

CHAPTER 11: FORCE AND PRESSURE

Idea of Force : A push or a pull, Force and Motion Change in State of Motion, Force Interaction of Forces and Change in Shape due to Force, Contact Force Friction, Applied Force and Normal Force, Non-Contact Force Gravitational Force, Electrostatic Force and Magnetic Force, The Concept of Pressure, Pressure Exerted by Fluids, Atmospheric pressure.

Keywords: atmospheric pressure, contact force, electrostatic force, force, friction, gravitational force, gravity, magnetic force, muscular force, non-contact

Lab experiment: To study that liquids exert same pressure at same depth and different pressure at different depth.

UNIT-VII

CHAPTER 12: FRICTION – FRIEND AND FOE.

Friction - factors affecting friction, Sliding and rolling friction , Advantages and disadvantages of friction for the movement of automobiles, Airplanes and boats/ships : Fluid Friction, –Friction and Frictional Force A Necessary Evil.

Keywords: Ball bearing, drag, fluid friction, friction, interlocking, lubricants rolling friction, sliding friction, static friction.

Activity: To write at least 5 examples each of different types of friction you noticed in your daily life.

UNIT-VIII

CHAPTER 13 : SOUND

Sound produced by vibrating bodies, Sound produced by humans, Medium of Propagation, How do we hear sound? Amplitude , Time Period, And Frequency of a vibration, Loudness and Pitch, Audible and inaudible sound, Difference between noise and music, Noise pollution and its preventive measures

Keywords: Amplitude, audible, eardrum, hertz (Hz), larynx, loudness, noise pollution pitch, shrillness.

Lab experiment: To study that vibrating objects produce sound .

UNIT-IX

CHAPTER 14 : CHEMICAL EFFECTS OF ELECTRIC CURRENT

Do liquids conduct electricity? Chemical effects of electric current , Electroplating.

Keywords: Electrode, electroplating, good conductor, LED, poor conductor

Lab experiment: To electroplate an article of iron with copper.

CHAPTER 15 : SOME NATURAL PHENOMENON

Lightning , Earthquake and their safety measures.

Keywords: Crust, discharge, earth's plates, earthquake, electroscopes, lightning conductor, negative charge, positive charge, richter scale, transfer of charge , Tsunami , seismograph, thunder, thunderstorm

Lab experiment: To study working of an electroscopes.

UNIT -X

CHAPTER 16 : LIGHT

Laws of reflection, regular and diffused reflection , multiple images, sunlight, care of eyes , Braille system.

Keywords: angle of incidence, angle of reflection, blind spot, Braille, cones cornea, diffused/irregular reflection, dispersion lateral inversion, laws of reflection pupil, reflected rays , reflection , retina , rods .incident rays, iris, kaleidoscope.

Lab experiment : To study the laws of reflection .

CHAPTER 17 : STARS AND SOLAR SYSTEM

Keywords: Universe , celestial bodies, solar system, artificial satellites, asteroids, Cassiopeia, celestial objects, comets, constellations, light year, meteorites, meteors, natural satellites, orbit, Orion, Ursa major .

CHAPTER 18 : POLLUTION OF AIR AND WATER

Air pollution , water pollution, global warming, and green house effect.

Keywords: air pollution, chemical contamination, global warming, greenhouse effect, pollutants, potable water, water pollution.

Subject : Social Science

BOOKS PRESCRIBED:

- RESOURCES AND DEVELOPMENT (NCERT)
- OUR PASTS - III (Part -1,2) (NCERT)
- SOCIAL AND POLITICAL LIFE - III (NCERT)

MARKING SCHEME

PERIODIC TEST: 20 MARKS

Q.NO	Marks
1-3	$1 \times 3 = 3$
4-5	$3 \times 2 = 6$
6 Passage	$1 \times 4 = 4$
7	$1 \times 5 = 5$
8(Map)	$1 \times 2 = 2$
TOTAL	20

HALF YEARLY/ANNUAL EXAMINATION : 80 MARKS

Q.NO	Marks
1-20	$1 \times 20 = 20$
21-28	$3 \times 8 = 24$
29-34	$5 \times 6 = 30$ (3 Passage and 3 questions)
35 (Map Geography)	$1 \times 3 = 3$
36 (Map- History)	$1 \times 3 = 3$
TOTAL	80

Term - I

UNIT I:

GEOGRAPHY:

CHAPTER - 1 Resources

KEYWORDS: Resource, Utility, Value, Value, Patent, Human Resource, Renewable Resource, Technology, Conservation.

HISTORY :

CHAPTER- 1 How, When and Where

KEYWORDS :Periodisation, Ancient, Medieval, Modern, Colonisation, Calligraphist

CIVICS:

CHAPTER - 1 The Indian Constitution

KEYWORDS: Constitution, Preamble, Apartheid, Clause, Draft, Sovereign, Arbitrary, Polity

UNIT-2

HISTORY:

CHAPTER- 2 From Trade to Territory

KEYWORDS: Mercantile, Farman, Puppet, Injunction, Qazi, Mufti, Dharamshastra, Musket, Sawar

CIVICS:

CHAPTER - 2 Understanding Secularism

KEYWORDS: Secularism, Coercion, Intervene, Infanticide

ACTIVITIES:

1. Prepare a list of the Fundamental Duties given in the Indian Constitution and learn them.
2. Look up the annual calendar of holidays of your school. How many of them pertain to different religions? what does this indicate?

UNIT - 3

GEOGRAPHY:

CHAPTER - 2 Land, Soil, Water, Natural Vegetation and Wildlife

KEYWORDS : Conservation, Erosion, Land use, Terrace Farming, Topography, Weathering, Shelter Belts

HISTORY:

CHAPTER- 3 Ruling the Countryside

KEYWORDS: Mahal, Ryot, Slave, Bigha, Vat, Mahalwari System, Permanent Settlement,

CIVICS

CHAPTER - 3 Why do we need a Parliament

KEYWORDS : Parliament, Legislature, Approval, Collision, Unresolved, v Executive

UNIT - 4

HISTORY:

CHAPTER- 4 Dikus, Tribals and the Vision of the Golden Age

KEYWORDS: Dikus, Fallow, Mahua, Sal, Bewar, Sleeper, Vaishnav

CHAPTER- 5 When People Rebel 1857 and After

KEYWORDS: Mutiny, Firangi, Cartridge, Nationalism, Territory, Taluqdars

CIVICS :

CHAPTER - 4 Understanding Law

KEYWORDS : Rule of Law, Criticise, Evolution, Sedition, Repressive, Controversy

ACTIVITIES:

1. On a political map of India, show the different types of soils found in India.
2. List the three forms of protest that you see in the photo given on page 50 (Civics).

UNIT - 5

GEOGRAPHY :

CHAPTER - 3 Mineral and Power Resources

KEYWORDS : Minerals, Mine, Recycling, Fossil Fuels, Ores, Shafting, Drilling, Thermal Power

CIVICS :

CHAPTER - 5 Judiciary

KEYWORDS : Judiciary, Supreme Court, Judicial Review, Jurisdiction, Petition, Prosecution

TERM - II

UNIT 6

GEOGRAPHY :

CHAPTER - 4 Agriculture

KEYWORDS : Agriculture, Organic Farming, Subsistence Farming, Commercial Agriculture, Viticulture, Sericulture, Horticulture

HISTORY :

CHAPTER- 6 Weavers, Iron Smelters and Factory Owners

KEYWORDS : Weavers, Spinning Jenny, Aurang, Smelting, Bellows, Slag, Heap, Calico, Bandana

CIVICS :

CHAPTER - 6 Understanding Our Criminal Justice System

KEYWORDS : Fair Trial, Cognizable, Cross Examine, Accused, Impartial, Offence

UNIT - 7

HISTORY:

CHAPTER- 7 Civilising the Natives, Educating the Nation

KEYWORDS : Linguistic, Madrasa, Orientalists, Munshi, Vernacular, Pathshala, Abode of Peace

CIVICS :

CHAPTER - 7 Understanding Marginalisation

KEYWORDS: Marginalisation, Adivasi, Minorities, Hierarchy, Mainstream

ACTIVITIES:

1. Solve the crossword puzzle given on page 49 (Geography)
2. In the storyboard you read about how Helen hopes to make a movie on the Adivasi story. Can you help her by developing a short story on Adivasis?

UNIT - 8

GEOGRAPHY :

CHAPTER - 5 Industries

KEYWORDS : Industry, Manufacturing, Private Sector, Public Sector, Smelting, Marine Based Industry, Information Technology

HISTORY :

CHAPTER- 8 Women, Caste and Reforms

KEYWORDS : Sati, Untouchable, AryaSamaj, Suffrage, Attishudras

CIVICS :

CHAPTER - 8 Confronting Marginalisation

KEYWORDS :Untouchability, Marginalisation, Dalit, Social Justice, Reservation, Assertive, Confront.

UNIT - 9

HISTORY:

CHAPTER – 9 The Making of the National Movement : 1870-1947

KEYWORDS : Publicist, Repeal, Council, Knighthood, Picket, Mahant, Illegal Eviction

CIVICS :

CHAPTER - 9 Public Facilities

KEYWORDS : Public Facility, Sanitation, Universal Access, Healthcare

ACTIVITIES:

1. Bangalore has some important public sectors and research institutions. Find out the full forms of the organisations listed below. BEL, BHEL, HAL, NAL, DRDO, ISRO, ITI, IISc, NCBS and UAS
2. Write a poem that discusses a social issue.

UNIT - 10

GEOGRAPHY :

CHAPTER - 6 Human Resources

KEYWORDS : Life expectancy, Immigration, Emigration, Sex Ratio, Human Resource

HISTORY :

CHAPTER- 10 India After Independence

KEYWORDS : Franchise, Linguistic States, Constitution, Refugees

CIVICS:

CHAPTER - 10 Law and Social Justice

KEYWORDS : Minimum Wages, Worker's Union, Consumer, Producer, Safety Law

MAP ACTIVITY (TERM - 1 HISTORY):

On a political map of India, show the following

- 1) Three Presidencies: Bombay, Madras and Bengal (Ch - 2)

- 2) A place where indigo movement took place. (Ch - 3)
- 3) Important centres of the Revolt of 1857. (Ch - 5)

MAP ACTIVITY (TERM - 1 GEOGRAPHY) :

On a political map of India, show the following

- 1) Different types of soils. (Ch - 2)
- 2) Important hydel and nuclear power stations given in the chapter - 3.

MAP ACTIVITY (TERM - II HISTORY) :

On a political map of India, show the following

- 1) A place where the Salt Law was broken. Ch - 11
- 2) A place where the Indian National Congress was formed. Ch - 11
- 3) A place where JallianwalaBagh massacre took place. Ch - 11
- 4) Princely States: Kashmir & Hyderabad. Ch - 12

MAP ACTIVITY (TERM - II GEOGRAPHY) :

On a political map of India, show the following

- 1) Crop producing States: Wheat, Rice, Cotton, Jute, Coffee, Tea Ch - 4
- 2) Mark Iron and Steel producing States. Ch - 5
- 3) Location of TISCO Plant Ch - 5

Subject : GK/MORAL SCIENCE

TERM-I

UNIT 1

MORAL SCIENCE : CHAPTER 1

GK WORKSHEET : 1 and 2

UNIT 2

MORAL SCIENCE : CHAPTER 2

GK WORKSHEET : 3 and 4

UNIT 3

MORAL SCIENCE : CHAPTER 3

GK WORKSHEET : 5 and 6

UNIT 4

MORAL SCIENCE : CHAPTER 4

GK WORKSHEET : 7 and 8

UNIT 5

MORAL SCIENCE : CHAPTER 5

GK WORKSHEET : 9 and 10

TERM-II

UNIT 6

MORAL SCIENCE : CHAPTER 6

GK WORKSHEET : 11 and 12

UNIT 7

MORAL SCIENCE : CHAPTER 7

GK WORKSHEET : 13 and 14

UNIT 8

MORAL SCIENCE: CHAPTER 8

GK WORKSHEET : 15 and 16

UNIT 9

MORAL SCIENCE : CHAPTER 9

GK WORKSHEET : 17 and 18

UNIT 10

MORAL SCIENCE: CHAPTER 10

GK WORKSHEET : 19 and 20

Subject : Computer

Book : Code Botics - 8

Publisher : PM Publisher Pvt. Ltd.

UNIT - 1

Chapter-1 Computer Network

Keywords: Protocol, Workstation, NIC, Hub, Switch, Router, Coaxial Cable, Fiber-Optic cable, Network Architecture, Network Topology

Activity: Make presentation on Computer Network.

UNIT - 2

Chapter-2 Access - Creating a Database

Keywords: Database, Template, Datasheet View, Design View, Primary Key, Field Properties

Activity:

1. Create a table using the Design View, containing following fields in it.

Field Name	Data Type	Description
Last-Name	Short Text	
First-Name	Short Text	
Date-of-Birth	Date	
Qualification	Short Text	
Address	Long Text	
Date_of_Joining	Date	
Contact Number	Number	

- a) Create a database 'Introduction' and save it in 'Lab Activity' folder.
- b) Add suitable description for each field name.
- c) Now enter 20 records in the table.
- d) Save the table as 'Personal Information'.

2. Create the following database in Access.

- a) Create a new database as 'Address' and save it in 'Lab Activity' folder.
- b) Now create a table in Datasheet view that contains the following fields in it:
Contact_ID, First_Name, Last_Name, Address, City, Phone, Date_of_Birth Save the table as 'My Contacts'.
- c) Select 'Contact_ID' as the primary key field in which numbers are to be added manually.
- d) Now enter ten records in the table.
- e) Add another field name 'Email' to the table and update the records accordingly.
- f) Close the database and Access.

UNIT -3

Chapter-3 Access - Tables and Forms

Keywords: Record, cell, Filtering Data, Data table Relationships, Foreign Key, Forms

Activity:

1. Create a new database named 'Student' and save it in 'Lab Activity' folder.
2. Create a table using the Datasheet View, containing following fields in it:

Roll No	First Name	Last Name	Address	Date of Birth	Phone No	Postal Code
---------	------------	-----------	---------	---------------	----------	-------------

3. Add the following records in the table:

1	Mahesh	Kumar	Delhi	06/08/1997	23456664	110005
2	Suresh	Singh	Faridabad	15/05/1998	32344333	110020
3	Kamal	Sharma	Noida	21/11/1996	26545556	201005
4	Rashmi	Chawla	Ghaziabad	10/10/1998	34355555	110001
5	Aman	Gupta	Delhi	25/12/1995	65456655	110015

4. Save the above table as 'Personal Information', selecting Roll No as the Primary Key field.
5. Select the fourth record and delete it.
6. Rename the field 'Address' as 'Postal Address'.
7. Enter three more sets of records in the table.
8. Delete the field 'Postal Code'.
9. Create another table in the same database with the following fields in it using the Design View:

Roll No	Tuition Fee	Dance Fee	Computer Fee	Late Fee	Total
---------	-------------	-----------	--------------	----------	-------

10. Add the following records in the table:

1	5000	700	500	0	6200
2	4500	1000	500	100	6100
3	6000	900	1000	500	8400
4	5000	600	500	0	6100
5	6000	500	900	100	7500

11. Save the table as 'Fee Details' without keeping any of the fields as Primary key.
12. Using Form Wizard, make a form with any one of the above tables.
13. Save the Form.
14. Close the Database window and exit Access.

UNIT - 4

Chapter-4 Access - Query and Report

Keywords: Query, Criteria, Wildcards, Reports

Activity:

Create a database 'Company' and save it in 'Lab Activity' folder. Create a table 'Employee' in design view and use the following fields:

Field name	Data type	Description
Emp No	Number	Employee's identification number
Emp Name	Short Text	Employee's name
Designation	Short Text	Designation of the employee
Pay Scale	Number	Pay scale of the employee

- Select 'Emp No' as the Primary key and save the table structure.
- Create a form for the table and enter the data as given below.

Emp No	Emp Name	Designation	Pay Scale
101	Payal	Manager	60000
102	Praveen	Sr Executive	50000
103	Kamal	Tech head	75000
104	Gopal	Production Manager	60000
105	Aman	Designer	40000
106	Priya	Sales Manager	50000
- Click on the Create tab and click on the Query Design button in the Database window.
- Click on the table name 'Employee' and click on Add button.
- Click on Close button.
- Create a query to display the details of the employees whose name started with 'P'.
- Run the query and save the query as 'Query 1'.

Skill Formation

This activity enhances the data creating and visualization skills of the students.

UNIT - 5

Chapter-5 OpenShot Video Editor

Keywords: Video Editor, OTT Platform, Zoom slider, Open Source, Import file, Timeline, Transition effects, Visual effects

Worksheet-I

Activity :

Create a movie on a poet from your English Literature book and add the following features.

1. Add relevant images in your movie.
2. Insert audio and video wherever applicable.
3. Add Title in the beginning of the movie.
4. Apply transition effects.
5. Save the movie 'My favourite Poet' in 'Lab Activity' folder.

UNIT - 6

Chapter-6 E-Commerce and Blogging

Keywords: E-commerce, B2C, C2C, B2B, B2E, E-retailing, security concern, credit card, debit card, e-wallet, Net-banking, blog

Activity:

1. Collect the information on the topic "Conservation of Plants and Animals". Create a blog on it and post it. Write the name of the link of your blog in your note book.
2. Complete Activity – "Quiz" given on the page no.93 in your book.
3. Complete Activity - "Write" in your book given on page no. 94.

UNIT - 7

Chapter-7 HTML 5 - Form and Multimedia

Introduction of HTML. Tags in HTML programmes (HTML, TITLE, HEAD, BODY) Empty and Closed tags. Attributes of the tags (Heading, Bold, Underline, Italics, Font and its attributes, Background). Run your HTML program. Creating Forms in HTML till page no. 97.

Keywords: Hyper Text Markup Language, Tags, Head tag, Body tag, Empty tags, Closed Tags, Forms.

Activity: 1. Write an HTML document to create a webpage to display your name and hobbies by showing the use of main four tags of HTML.

2. Create a form to display the use of text box asking the name of the person and which game he/she likes to watch.

UNIT – 8

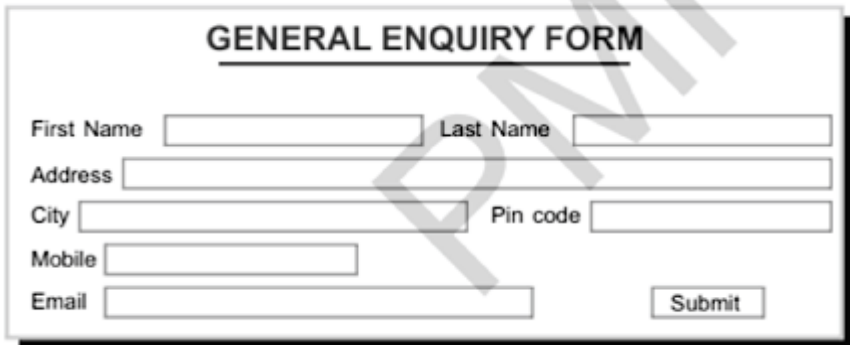
Chapter-7 HTML 5 - Form and Multimedia

Recap of the topic Creating Forms, creating password box, creating large text area, checkboxes, radio buttons, list box, submit button. Adding Multimedia into webpages (embedding audio and video).

Keywords: Form checkboxes, radio button, Multimedia, embedding audio/video.

Activity :

Write HTML code to get the given output in your web browser.



GENERAL ENQUIRY FORM

First Name Last Name

Address

City Pin code

Mobile

Email

UNIT - 9

Chapter-8 App Development

Keywords: Apps, Native app, web app, hybrid app, MIT App Inventor, Android, Emulator, Blocks editor

Activity : Create an app on computer parts. As per the instructions given on page no. 129 of your book.

OR

Create an app on Teacher's Day. As per the instructions given on page no. 166 of your book.

UNIT - 10

Chapter-10 Future Possibilities of AI

Keywords: Artificial Intelligence, Evolution, Ethical concerns, pixels

Worksheet: II

Activity– Creative Writing

Using your imagination and creativity, create a future-ready AI job advertisement for a business firm using the following points and save it in your 'Lab Activity' folder.

- a. Nature of job
- b. Set of specific skills required

Note: Prepare a Notebook.

Subject : Art & Craft

TERM 1

Unit 1

- Transforming 2D objects into 3D objects
- Object Drawing (kitchen utensils)

Activity

- Stone Painting

Unit 2

- Fair Scene

Activity

- Best out of waste

Unit 3

- Animal drawing with colour shading
- Nature study with pencil & colour shading

Activity

- Madhubani Painting

Unit 4

- Face Study (Portrait)

Activity

- Glass painting (OHP sheet)

Unit 5

- Cityscape using ground view perspective
- Poster on any social problem with paper collage

TERM 2

Unit 6

- Book cover design
- Silent cartoon composition

Activity

- Mask making

Unit 7

- Monument drawing on Diwali

Activity

- Wall Hanging (Dreamcatcher)

Unit 8

- Advertisement Poster
- Painting using mix-media

Activity

- Jute craft

Unit 9

- Railway Station Scene

Activity

- Constructing forest sculpture

Unit 10

- Poster on Education/ Literacy
- Different types of compositions

Subject : Music/Dance

TERM-I

1. Foot movement will be taught in Teentaal [kathak]
2. Shabad
3. The choreographic element to be taught
4. Prayer
5. Folk dance
6. Patriotic song
7. Art Integrated Activity with dance
8. Knowledge of Alankars with Harmonium
9. Western dance
10. Knowledge of Ragas

TERM – 2

1. By clapping of hands and pronouncing the Teen Taal, reciting the bol along with foot steps
2. Shabad
3. Folk dance
4. Prayer
5. Explained and taught how hand gestures to be used in the choreography
6. Knowledge of Ragas
7. Western dance
8. Patriotic song

9. Patriotic dance

10. Semi classical Bhajan

Students will also maintain a notebook for dance

Children need to express and communicate their ideas and to be given the opportunity to make creative decisions, even at a young age

Subject : Physical Education

TERM-I

ACTIVITY:- Table exercise, Standing marchpast, Commands (Right Turn, Leftturn,About turn),Dumbbell exercise.

ATHLETICS:-Races100meter,Jumps(longjump,On the spot jump), Obstacle races.

GAMES :- Badminton (Basic Gripping Technique, Serve) Kho-Kho (running and chasing) Carrom board, chess, ludo.

YOGA :-Taadasana, Padamasana, Bhujangasana, Gaumukh asana, Anulom Vilom, SuryaNamaskar

TERM - II

ACTIVITY:-Table exercise, march past, Commands (Right Turn, Left turn, About turn), Lazium and Hoop formations.

ATHLETICS:-Races 200 meter, Throws, Jumps (long jump, On the spot jump) Relayraces, Shuttle run.

GAMES:-Volleyball (services, passing, receiving, smash) Football (Passing, dribbling, shutting, blocking) Carromboard, chess, ludo.

YOGA :- Vajarasana, Dhanurasana ,Chakraasana, Trikonasana, Kapaal Bhati, Surya Namaskar

SPORTS DAY WILL BE ORGANIZED ANNUALLY.

GRADES WILL BE GIVEN ON THE BASIS OF DISCIPLINE AND PERFORMANCE OF THE CHILD.