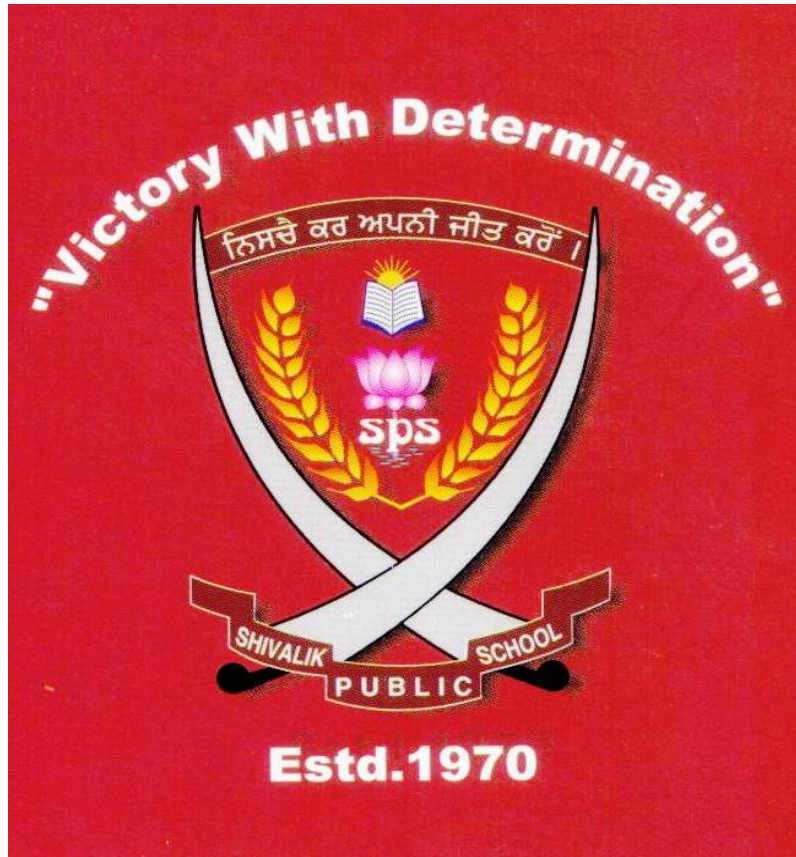


# SHIVALIK PUBLIC SCHOOL



## SYLLABUS FOR CLASS VII

**SESSION : 2020 – 2021**

# **INDEX**

## **S.NO. SUBJECTS**

**1. ENGLISH**

**2. HINDI**

**3. PUNJABI**

**4. MATHS**

**5. SCIENCE**

**6. SOCIAL SCIENCE**

## **SUBJECT- ENGLISH**

### **Books prescribed:**

- |                              |                               |
|------------------------------|-------------------------------|
| <b>1. Honey Comb</b>         | <b>NCERT</b>                  |
| <b>2. An Alien Hand</b>      | <b>NCERT</b>                  |
| <b>3. BBC Compacta Basic</b> | <b>Brajindra Book Company</b> |

### **Term 1**

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**

- One out of two extracts from **Honey comb** (4 marks)
- Five short questions of 30-40 words each from **Honey comb** and **An Alien Hand**
- Three questions from **Honey comb** and two questions from **An Alien Hand** (2×5=10 marks)

- Two long questions of 50-60 words from **Honey Comb (4×2=8 marks)**
- Two long questions of 50-60 words from **An Alien Hand (4×2 = 8marks)**

Scheme of sections and weightage to contents for Formative Assessments (20)

**Section -A (Reading) 4 marks**

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

**Section - B (Writing +Grammar) (5+3 marks)**

**Section - C (Literature) 8 marks**

One text based extract with two short questions. (2 marks)

Two short answer type questions from Honey comb (2 marks)

Two short answer type questions from An Alien hand (2 marks)

One long question from either book (2 marks)

**TERM - 1**

**UNIT - 1**

**Honey Comb**

Ch-1: Three Questions, The Squirrel (Poem)

**An Alien Hand** Ch-1: The Tiny Teacher

**Grammar:** Tenses

**Composition:** Notice Writing

**Activity:** Gap filling activity based on correct form of the verb

**UNIT - 2**

**Honey Comb** Ch-2: A Gift of Chappals, The Rebel (Poem)

**An Alien Hand** Ch-2: Bringing up Kari

**Grammar:** Subject Verb agreement

**Composition:** Formal letter writing

**Activity :** Debate on 'Should beggars be helped'

### **UNIT - 3**

**Honey Comb** Ch-3 : Gopal and the Hilsa Fish, The shed - (Poem)

**An Alien Hand** Ch-3: The Desert

**Grammar:** Conjunctions, Sentence reordering

**Composition:** E-mail, Diary Entry

**Activity: Any Crossword**

### **UNIT - 4**

**Honey Comb** Ch-4: The Ashes that made trees bloom, Chivvy (Poem)

**An Alien Hand** Ch-4: The cop and the anthem

**Grammar:** Voice

**Activity: Synonyms/Antonyms**

### **UNIT - 5**

**Honey comb** Ch-5: Quality Trees (poem)

**An alien Hand** Ch-5: Golu grows a nose

**Grammar:** Determiners (Articles, Demonstratives, Possessives, Interrogatives, Numerals), Adjectives

**Composition:** Informal Letter, Short Story

**Activity: Listening activity**

## **TERM – 2**

### **UNIT - 6**

**Honey Comb** Ch-6: Expert Detectives, Mystery of the talking fan (Poem)

**Grammar:** Reported Speech

**Composition:** Speech Writing

**Activity: Declamation on the topic 'Value of freedom'**

### **UNIT - 7**

**An Alien Hand** Ch-7: Chandni

**Composition:** E- mail writing, Speech writing

**Activity: Narrate an interesting moral story**

### **UNIT – 8**

**Honey Comb:** Ch-8: Fire: Friend and the foe, Meadow surprises (poem)

**An Alien Hand:** Ch-8 : The Bear story

**Grammar:** Modals, Integrated grammar practice (Editing /Omission)

**Composition:** Diary entry, Factual description

**Activity: Tenses based activity**

### **UNIT - 9**

**Honey Comb:** Ch-9: A bicycle in good repair, Garden snake (Poem)

**Grammar:** Voice

**Composition:** Formal letter

**Activity: Comprehension passage**

## UNIT - 10

**An Alien Hand:** Ch 10: An Alien Hand

**Grammar:** Integrated Grammar Practice-9 (Dialogue Completion)

Integrated grammar practice -1 (Gap filling)

**Composition:** Informal letter

**Activity:** Extempore

### Vocabulary Words

#### Honeycomb

##### Ch -1 : Three Questions

messengers, council, councillors, hermit, woods, affairs, fainted, redressed, seized, faithful, necessary.

##### Ch -2 : A gift of Chappals

Protested, wonder, scrawny, scent, tumbler, descended, descendant, flourished, frightened, howled, miserably, glided, stumbled, beringed, snooze, fed-up, blisters, sturdy clattered.

##### Ch - 3 : Gopal and the Hilsa Fish

comic, courtier, challenge, majesty, temper, smearing, ridiculous.

##### Ch- 4 The Ashes That made Trees Bloom

daimios, snug, soul, whining, gleamed, smothered, coaxed, dainties, covetous, crone, flung, carcass mourning, flung, mortar, scraped, pounding, stingy, withered, prostrate, palanquin, gleefully, particle, seized, impertinence, pretended, castle dwelt.

##### Ch - 5: Quality

distinction, awfully, essence, guttural, apron, incense, creaked, penetrating, inferior, contempt, circumstances, ill-omened, pinched, genuinely, splendidly, starvation.

## Ch - 6:Expert Detectives

expert, detectives, stashed, inquiries, crook, sighed, nasty, merely, glared, generous, criminal

## Ch - 8 : Fire : Friend and Foe

smouldering, generate, foe, prevent, extinguish, bands, appliances, cope, ensure, brigades

## Ch – 9: A Bicycle in Good repair

proposed, overhaul, violently, whacking, wobble, twiddling, remnant, bearings, gravel, grovelled, ravages, lunatic, muddle, topsy-turvy, disposition, inexplicable, degenerated, skill, fascinates, subsequent, dishevelled.

## SUBJECT:- HINDI

### भाषा – शिक्षण के सामान्य उद्देश्य

- भाषिक तत्त्वों, साहित्यिक विधाओं (कविता, निबंध, एकांकी, जीवनी) तथा विषय-वस्तु का ज्ञान प्राप्त करना।
- भाषिक कौशलों (बोलना, सुनना, लिखना और पढ़ना) का विकास करना।
- विद्यार्थियों में अपने विचारों और भावनाओं की रचनात्मक क्षमता का विकास करना।
- भाषिक तत्त्वों (वर्ण विचार, शब्द विचार, वाक्य विचार) का ज्ञान।
- शुद्ध उच्चारण और शुद्ध लेखन वृत्ति का विकास करना।
- लेख और कविता सुनकर प्रश्नों के उत्तर देने की क्षमता का विकास करना।
- साहित्य के अध्ययन के माध्यम से सद्वृत्तियों का विकास करना।

### Unit Test                      20 Marks

#### अंक विभाजन

(1) अपठित गद्यांश	3
(2) वसंत और बिखरे फूल (प्रश्न उत्तर)	10
(3) व्याकरण	4
(4) लेखन ( पत्र/अनुच्छेद)	3



MARKING SCHEME FOR 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'

22 Marks

(1) व्याकरण

खण्ड 'ग'

28 Marks

(1) वसंत (प्रश्न/उत्तर) 18

(2) प्रश्न उत्तर (बिखरे फूल) 6

(4) खाली स्थान (बिखरे फूल) 4

खण्ड 'घ' (लेखन)

(20 Marks)

(1) अनुच्छेद 5 Marks

(2) पत्र 5 Marks

(3) सूचना 5 Marks

(4) चित्र वर्णन 5 Marks

TERM - 1

UNIT -1

वसंत- पाठ 1- हम पंछी उन्मुक्त गगन के (कविता)

नवीन शब्द - उन्मुक्त, आश्रय, पिंजरबद्ध, फुनगी, क्षितिज

वसंत- पाठ 2 - दादी माँ (कहानी)

नवीन शब्द - क्वार, गँवई, पेऊर, कुकुरमुत्ता, उत्साह, ज्वर, विलंब, शापभ्रष्ट, विशूचिका

क्रिया कलाप - देसी महीनों के नाम लिखें।

बिखरेफूल- पाठ 1-छः आने का टिकट

नवीन शब्द - विशेष जमघट, असबाब, सम्पर्क, कृतार्थ

व्याकरण - क्रिया व भेद, वाक्य शुद्धि

पत्र - औपचारिक

## UNIT -2

वसंत - पाठ 3 - हिमालय की बेटियाँ

नवीन शब्द - अधित्यकाएँ, उपत्यकाएँ, निकेतन, प्रवाहित, अल्हड़ मुदित, श्रेय, श्रद्धा

क्रिया-कलाप - पाठ में आई नदियों के नाम लिखें।

पाठ 4 - कठपुतली (कविता)

नवीन शब्द - पराधीन, रक्षा, विद्रोह, छंद, समक्ष, पाँव, जगी

बिखरेफूल - 2 - सफेद भालू

नवीन शब्द - अनुभवी, विस्मय, निरीक्षण

पाठ -3 अकबरी लोटा

नवीन शब्द : रोष, मासिक, ईजाद

व्याकरण - पर्यायवाची

अनुच्छेद - पर्यावरण से संबंधित

## UNIT -3

वसंत - पाठ 5 - मिठाईवाला (कहानी)

नवीन शब्द - आयोजन, जायकेदार, मृदुल, संशय, वृद्धा

वसंत - पाठ 6 रक्त और हमारा शरीर (लेख)

नवीन शब्द - अवतल, उपयुक्त, दूषित, लौह तत्व, मज्जा

क्रिया-कलाप - संतुलित आहार का चित्र व सूची बनाएँ।

बिखरे फूल - पाठ -4 पंच परमेश्वर

नवीन शब्द - प्रबन्ध, आकांक्षा, ईमान, निमंत्रित, असामी

व्याकरण - विराम चिह्न (पूर्ण, अल्प, प्रश्नसूचक)

अनौपचारिक पत्र

## UNIT -4

वसंत - पाठ 7 - पापा खो गए (एकांकी)

नवीन शब्द - कर्कश, स्वीकृति, चौकस, अनूदित

क्रिया-कलाप - आपातकालीन स्थिति में प्रयोग आने वाले दूरभाष के नंबरों की सूची बनाएँ।

पाठ 6- काबुलीवाला

नवीन शब्द - राहगीर, प्रबन्ध, स्मरण, वियोग

व्याकरण - मुहावरे (अर्थ, वाक्य)

अनुच्छेद - त्योहारों से संबंधित

## UNIT - 5

वसंत - पाठ 9- चिड़िया की बच्ची

नवीन शब्द - अभिरुचि, बहुतेरी, स्वच्छंद, अवलोकन

क्रिया-कलाप - क्या पक्षियों के लिए भी आज़ादी उतनी महत्त्वपूर्ण है। जितनी आप के लिए? विचार प्रकट करें।

पाठ 10 - अपूर्व अनुभव

नवीन शब्द - अथक, उत्तेजित, न्यौता, हताशा, हार्दिक

व्याकरण - अलंकार (अनुप्रास, यमक) उदाहरण सहित परिभाषा

सूचना लेखन, चित्र वर्णन

## TERM - 2

### UNIT -6

वसंत - पाठ 11- रहीम के दोहे

नवीन शब्द - घास, तजि, मछरी, रीत, सीत

क्रिया-कलाप - रहीम जी द्वारा रचित वह दोहा लिखें, जिसमें परोपकार की बात कही गई है।

व्याकरण - अनेक शब्दों के लिए एक शब्द, औपचारिक पत्र

### UNIT -7

पाठ 14 - खानपान की बदलती तस्वीर

नवीन शब्द - मसलन, स्थानीय, अचरज, अंकुरित

क्रिया-कलाप - 'जंक फूड' से होने वाले नुकसान लिखें। (कोई पाँच)

बिखरे फूल - पाठ - 9 हैदरअली की डायरी

नवीन शब्द - स्वतंत्र, हस्ताक्षर, ईर्ष्या, गोपनीय, लिखित

व्याकरण - उपसर्ग (पूर्ण)

अनुच्छेद - सामाजिक समस्याओं पर आधारित

## UNIT -8

वसंत - पाठ 15 - नीलकण्ठ

नवीन शब्द - संकीर्ण, आश्वस्त, बकिम, चंचुप्रहार

क्रिया-कलाप - राष्ट्रीय पक्षी 'मोर' का चित्र बनाकर उसके विषय में 50 शब्द लिखें।

पाठ 16 - भोर और बरखा

नवीन शब्द - कुलाहल, किंवारे, दामिन,

बिखरे फूल - पाठ - 10 अलबम

व्याकरण - कारक-कर्ता, कर्म, करण, संप्रदान

अनौपचारिक पत्र

## UNIT -9

पाठ 18 - संघर्ष के कारण मैं तुनुकमिजाज हो गया

नवीन शब्द - अहमियत, मायूस, शोहरत

क्रिया-कलाप - हॉकी को भारत का राष्ट्रीय खेल क्यों माना जाता है? लिखें।

व्याकरण - लोकोक्तियों के केवल अर्थ

अनुच्छेद - नैतिक शिक्षा से संबंधित

## UNIT -10

पाठ 20 - विप्लव गायन

नवीन शब्द - क्रुद्ध, व्याप्त, सूत्र, सृजन

बिखरे फूल - पाठ - 13 ताड़ का पत्ता

नवीन शब्द - म्लेच्छ, क्षीण, पुरातत्व

क्रिया कलाप - कोई एक ओजपूर्ण कविता लिखें।

व्याकरण - प्रत्यय (पूर्ण)

संधि की परिभाषा (स्वर, व्यंजन, विसर्ग)

सूचना लेखन, चित्र वर्णन

## SUBJECT:- PUNJABI

### ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਸਿੱਖਣ ਉਦੇਸ਼

ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦੇ ਗਿਆਨ ਨੂੰ ਸਮਝ ਕੇ ਉਸਦੀ ਢੁਕਵੀ ਵਰਤੋਂ ਦੇ ਯੋਗ ਬਣਾਉਣਾ ਤੇ ਸਾਹਿਤ ਦੀਆਂ ਵੱਖ-ਵੱਖ ਵਿਧਾਵਾਂ-ਕਵਿਤਾ ਕਹਾਣੀ, ਇਕਾਂਗੀ ਆਦਿ ਤੋਂ ਜਾਣੂ ਕਰਵਾਉਣਾ ਤਾਂ ਕਿ ਵਿਦਿਆਰਥੀ ਭਾਸ਼ਾ ਦੇ ਵੱਖ-ਵੱਖ ਕੌਸ਼ਲਾਂ ਵਿੱਚ ਨਿਪੁੰਨ 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 ਦੇ ਨਾਲ-ਨਾਲ ਆਂਤਰਿਕ ਮੁਲਾਂਕਣ ਲਈ 20 ਅੰਕ ਰਾਖਵੇ ਰੱਖੇ ਗਏ ਹਨ (ਜਿਸਦੇ ਤਹਿਤ)

10 ਅੰਕ ਲਿਖਤੀ ਪ੍ਰੀਖਿਆ (ਜਮਾਤ ਟੈਸਟ)

5 ਅੰਕ ਪ੍ਰੋਜੈਕਟ, ਜਮਾਤ ਅਤੇ ਘਰ ਦਾ ਕੰਮ (ਮੁਲਾਂਕਣ ਪੱਤਰ ਤੇ ਅਧਾਰਿਤ)

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

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

### ਫਾਰਮੇਟਿਵ ਅਸੈਸਮੈਂਟ (ਅੰਕ - ਵੰਡ)

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 :	$1 \times 4 = 4$

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

ਪੱਤਰ/ ਲੇਖ : 3

### ਸਮੇਟਿੱਥ 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
    1. ਵਿਸ਼ੇਸ਼ਣ (ਬਹੁ-ਵਿਕਲਪੀ) (3)
    2. ਸ਼ਬਦ ਜੋੜ (1)
    3. ਵਿਰੋਧੀ ਸ਼ਬਦ (ਬਹੁ -ਵਿਕਲਪੀ) (3)
    4. ਮੁਹਾਵਰੇ (ਬਹੁ -ਵਿਕਲਪੀ) (3)
    5. ਯੋਜਕ (2)
    6. ਕਿਰਿਆ (3)
    7. ਲਿੰਗ (ਬਹੁ- ਵਿਕਲਪੀ) (3)
    8. ਅਗੇਤਰ (2)
    - ਕੁੱਲ ਅੰਕ (20)
  3. ਪ੍ਰਭਾਵਸ਼ਾਲੀ ਲਿਖਣ ਕੌਸ਼ਲ
    - ਲੇਖ (ਤਿੰਨ ਲੇਖ ਚੋਣ ਅਧਾਰਿਤ ਨੁਕਤਿਆਂ ਸਹਿਤ) 10
    - ਪੱਤਰ 08
-

ਚਿੱਤਰ ਵਰਨਣ

07

25

4. ਪਾਠ-ਪੁਸਤਕ ਤੇ ਅਧਾਰਿਤ (Text Book)

20 ਅੰਕ

1. ਅਤਿ ਛੋਟੇ ਪ੍ਰਸ਼ਨ (1 ਅੰਕ ਵਾਲੇ)

(ੳ) ਕਹਾਣੀ ਤੇ ਵਾਰਤਕ ਵਿੱਚੋਂ (ਬਹੁ - ਵਿਕਲਪੀ) (4)

(ਅ) ਕਵਿਤਾ ਤੇ ਇਕਾਂਗੀ ਵਿੱਚੋਂ (ਇੱਕ ਸ਼ਬਦ ਵਾਲੇ) (4)

2. ਛੋਟੇ-ਪ੍ਰਸ਼ਨ - ਉੱਤਰ 2 ਅੰਕ ਵਾਲੇ (25 ਤੋਂ 30 ਸ਼ਬਦਾਂ ਵਿੱਚ)  $3 \times 2 = 6$   
(ਕਹਾਣੀ ਤੇ ਜੀਵਨੀ ਵਿੱਚੋਂ)

3. ਵੱਡੇ ਉੱਤਰਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ (ਵਾਰਤਕ ਵਿੱਚੋਂ ਚੋਣ ਅਧਾਰਿਤ)  $1 \times 3 = 3$

4. ਇਕਾਂਗੀ' ਚੋ (50 - 60 ਸ਼ਬਦਾਂ ਵਿੱਚ) (ਚੋਣ ਅਧਾਰਿਤ)  $1 \times 3 = 3$

TERM - 1

UNIT - 1 ਕਵਿਤਾ - ਵਣਜਾਰਾ

ਕਹਾਣੀ - ਮੋਤੀ

ਜੀਵਨੀ - ਪੰਜਾਬ ਦੀ ਲੋਕ ਗਾਇਕਾ-ਸੁਰਿੰਦਰ ਕੌਰ

ਵਿਆਕਰਨ - ਅਣਡਿੱਠਾ ਪੈਰਾ, ਵਿਸ਼ੇਸ਼ਣ

UNIT- 2 ਲੇਖ - ਘੜੇ ਦਾ ਪਾਣੀ

ਕਵਿਤਾ - ਮਾਂ ਦਾ ਪਿਆਰ

ਗਤੀਵਿਧੀ - ਮਾਂ ਨਾਲ ਸੰਬੰਧਤ ਕਵਿਤਾ ਲਿਖੋ।

ਕਹਾਣੀ - ਬਲਦਾਂ ਵਾਲਾ ਪਿਆਰਾ ਸਿੰਘ

ਵਿਆਕਰਨ - ਸ਼ਬਦ ਜੋੜ (ਸ਼ਬਦ ਸੁੱਧੀ)

ਪੱਤਰ - 1. ਆਪਣੇ ਭਰਾ ਨੂੰ ਬੁਰੀ ਸੰਗਤ ਤਿਆਗ ਕੇ ਪੜ੍ਹਾਈ ਕਰਨ ਲਈ ਪ੍ਰੇਰਿਤ ਕਰੋ।

2. ਆਪਣੀ ਸਹੇਲੀ ਜਾਂ ਮਿੱਤਰ ਨੂੰ ਹਮਦਰਦੀ ਭਰੀ ਚਿੱਠੀ ਲਿਖੋ ਜੋ ਕਿ ਹਸਪਤਾਲ ਵਿੱਚ ਜ਼ਖਮੀ ਪਿਆ ਹੈ।

**UNIT-3** ਕਵਿਤਾ - ਬਾਲ - ਖੇਡਾਂ

ਲੇਖ - ਮੇਰੇ ਦਾਦੀ ਜੀ

ਕਹਾਣੀ - ਸ਼ੇਰਨੀਆਂ

ਵਿਆਕਰਨ - ਵਿਰੋਧੀ ਸ਼ਬਦ, ਕਾਵਿ-ਟੁਕੜੀ

**UNIT-4** ਜੀਵਨੀ - ਬਾਬਾ ਬੰਦਾ ਸਿੰਘ ਬਹਾਦਰ

ਕਹਾਣੀ - ਸ਼ਾਬਾਸ਼ ! ਸੁਮਨ !

ਗਤੀਵਿਧੀ - ਪੰਛੀਆ ਦੀ ਸਾਂਭ ਸੰਭਾਲ ਬਾਰੇ ਆਪਣੇ ਵਿਚਾਰ ਲਿਖੋ।

ਕਵਿਤਾ - ਸਾਉਣ

ਗਤੀਵਿਧੀ - ਪੰਜਾਬ ਦੇ ਕੋਈ ਦੋ ਪ੍ਰਸਿੱਧ ਤਿਉਹਾਰਾਂ ਬਾਰੇ ਲਿਖੋ।

ਵਿਆਕਰਨ - ਮੁਹਾਵਰੇ ( 1 - 10)

ਲੇਖ - ਬਾਬਾ ਬੰਦਾ ਸਿੰਘ ਬਹਾਦਰ, ਅੱਖੀਂ ਡਿੱਠਾ ਮੈਚ

**UNIT-5**

ਇਕਾਂਗੀ - ਕਿਰਤ ਦਾ ਸਤਿਕਾਰ

ਵਿਆਕਰਨ - ਯੋਜਕ, ਚਿੱਤਰ ਵਰਨਣ

(TERM - 1 UNIT 1 to 5)

**TERM - II**

**UNIT-6** ਜੀਵਨੀ - ਕਰਤਾਰ ਸਿੰਘ ਸਰਾਭਾ

ਕਹਾਣੀ - ਤਿਲਚਨ ਦਾ ਕੱਦ

ਵਿਆਕਰਨ - ਅਣਡਿੱਠਾ ਪੈਰੂ, ਕਿਰਿਆ

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**UNIT-7** ਜੀਵਨੀ - ਲਾਲਾ ਲਾਜਪਤ ਰਾਏ

ਗਤੀਵਿਧੀ - ਭਾਰਤ ਦੀ ਅਜ਼ਾਦੀ ਵਿੱਚ ਹਿੱਸਾ ਪਾਉਣ ਵਾਲੇ ਕਿਸੇ ਇੱਕ ਅਜ਼ਾਦੀ ਘੁਲਾਟੀਏ ਬਾਰੇ ਲਿਖੋ।

ਕਵਿਤਾ - ਅਦਭੁੱਤ ਸੰਸਾਰ

ਵਿਆਕਰਨ - ਲਿੰਗ ਬਦਲੋ

ਪੱਤਰ - 1. ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਸੈਕਸ਼ਨ ਬਦਲਣ ਲਈ ਬਿਨੈ ਪੱਤਰ।

2. ਆਪਣੇ ਮੁੱਖ ਅਧਿਆਪਕ ਜੀ ਨੂੰ ਹੈੱਡ-ਕਰਾਸ ਫੰਡ ਵਿੱਚੋਂ ਸਹਾਇਤਾ ਲੈਣ ਲਈ ਅਰਜ਼ੀ ਲਿਖੋ।

**UNIT-8** ਕਹਾਣੀ - ਸੱਤ - ਡਾਕਟਰ

ਜੀਵਨੀ - ਪੁਲਾੜ ਪਰੀ - ਸੁਨੀਤਾ ਵਿਲੀਅਮਜ਼

ਵਿਆਕਰਨ - ਕਾਵਿ ਟੁਕੜੀ, ਮੁਹਾਵਰੇ ( 11 - 20)

ਲੇਖ - ਸਮੇਂ ਦੀ ਕਦਰ, ਪ੍ਰਦੂਸ਼ਣ

**UNIT-9** ਗੀਤ - ਮਿਲਖੀ ਦਾ ਵਿਆਹ

ਲੇਖ - ਜਾਗੋ

ਵਿਆਕਰਨ - ਅਗੇਤਰ

**UNIT-10** ਇਕਾਂਗੀ - ਕਿਰਤ ਦਾ ਸਤਿਕਾਰ

ਵਿਆਕਰਨ - ਚਿੱਤਰ ਵਰਨਣ

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# SUBJECT – MATHEMATICS

**BOOK: TEXT BOOK OF MATHEMATICS BY NCERT**

**MARKING SCHEME FOR PERIODIC TEST**

**(M.M.20)**

Q1 to Q6	1 mark each	$6 \times 1 = 6$
Q7 to Q8	2 marks each	$2 \times 2 = 4$
Q9 to Q10	3 marks each	$2 \times 3 = 6$
Q11	4 marks each	$1 \times 4 = 4$

**Total = 20 marks**

**MARKING SCHEME FOR TERMINAL EXAM**

**( M.M. : 80)**

Q1 to 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**

**UNIT - I**

## **CHAPTER 1: INTEGERS**

**KEYWORDS:** natural numbers, whole numbers, integers, additive inverse, multiplicative inverse, closure property, commutative property, associative property, distributive property, additive identity, multiplicative identity.

- Number line.
- Operation on integers.
- Word problems including integers.

**ACTIVITY :**Operations on integers on number line.

## **CHAPTER 2 : FRACTIONS AND DECIMALS**

**KEYWORDS :** Types of fractions: Proper, Improper, Mixed, Like, Unlike, Equivalent, Unit and Decimal.

- Properties of fractions.
- Operations on fractions.
- Decimal numbers and their operations.

### **ACTIVITY :**

- Shading of given figures according to given fractions.

## **UNIT - II**

## **CHAPTER-3 DATA HANDLING**

**KEYWORDS:** Data, Mean, Median, Mode, Range, Probability, Bar-Graph, Double bar-graph

- Collection and organization of data.
- Mean, Median and Mode of data.
- Construction of bar-graph and double bar-graph.
- Probability

### **ACTIVITY :**

- Comparison of two given sets of data by double bar graph.

## **UNIT - III**

## **CHAPTER 4 : SIMPLE EQUATIONS**

**KEYWORDS :** Variables, Constants, Expression, Equation, Solution

- Solution of simple equations.
- Word problems of simple equations.

## **UNIT – IV**

## **CHAPTER 5 : LINES AND ANGLES**

**KEYWORDS:** Line segment, Line, Angle, Complementary angles, Supplementary Angles, Adjacent angles, Linear pair, Vertically opposite angles, Transversal, Parallel lines,

Corresponding angles, Alternate angles.

- Pairs of angles: Complementary angles, Supplementary Angles, Adjacent angles, Linear pair, Vertically opposite angles.
- Properties of parallel lines.

### **ACTIVITY :**

- To verify that if two lines intersect at a point, then vertically opposite angles are equal by paper cutting & pasting.
- To draw and colour different types of angles formed by a pair of lines and their transversal.

## **UNIT - V**

### **CHAPTER 8 : COMPARING QUANTITIES**

**KEYWORDS:** Ratio, Percentage, Cost Price, Selling price, Gain, Loss, Simple interest, Principal, Amount.

- Equivalent ratios.
- Conversion of ratio, decimal and fractions into percentage.
- Application of percentage.

## **TERM - II**

## **UNIT – VI**

### **CHAPTER 9 : RATIONAL NUMBERS**

**KEYWORDS:** Natural numbers, Whole numbers, Integers, Rational numbers.

- Rational numbers and their operations.
- Representation of rational numbers on number line.

## **UNIT – VII**

### **CHAPTER 6 : THE TRIANGLE AND ITS PROPERTIES**

**KEYWORDS :** Triangles, Median, Altitude, Angle sum property of triangle,

Exterior angle property of triangle, Hypotenuse, Pythagoras theorem.

- Medians and altitudes of triangle.
- Angle sum property of triangle.
- Exterior angle property of triangle.
- Isosceles and Equilateral triangle.
- Pythagoras theorem.

**ACTIVITY :**

- To verify Angle Sum Property / Exterior Angle Property of a triangle by paper cutting and pasting.

**UNIT - VIII**

**CHAPTER 11: PERIMETER AND AREA**

**KEYWORDS:** Perimeter, Circumference, Area

- Perimeter and area of 2-D shapes (Square, Rectangle, Triangle, Parallelogram)
- Circumference and area of Circle and semi-circle.

**UNIT - IX**

**CHAPTER 12 : ALGEBRAIC EXPRESSIONS**

**KEYWORDS:** Constants, Variable, Coefficient, Expression, Monomial, Binomial, Trinomial, Polynomials, Terms, Factors, Like and unlike terms.

- Identifying constants, terms and variables.
- Like and unlike terms.
- Classification of monomials, binomials, trinomials and polynomials.
- Addition and subtraction of expressions.

**UNIT - X**

**CHAPTER 13 : EXPONENTS AND POWERS**

**KEYWORDS:** Base, Power, Exponential Form Representation of numbers in

exponential forms.

- Laws of exponents.
- Conversion of usual form of decimals to standard form and vice-versa.

**ACTIVITY :**

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

**SUBJECT - SCIENCE**

**BOOK - SCIENCE AND TECHNOLOGY BY NCERT 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

**. MARKING SCHEME FOR PERIODIC TEST (WRITTEN TEST)**

**Time: 1Hr.**

**Marks: 20**

Type of questions                      Marks      No. of questions      Total

1. Very short answer	1	3	3
2. Long answers	3	3	9
3. Very long answers	5	1	5
4. Practical based question	1	3	3

## MARKING SCHEME FOR TERMINAL EXAMS

Time : 3Hr.

Marks: 80

Type of questions	Marks	No. of questions	Total
1. Very short answer (including M.C.Q' s)	1	20	20
2. Long answers	3	10	30
3. Very long answers	5	6	30

### TERM-I

#### UNIT -1

##### CHAPTER-1 Nutrition in Plants

Photosynthesis and Autotrophic Nutrition, Heterotrophic Nutrition , Parasites, Saprophytes , Replenishment of nutrients in the soil.

**KEY WORDS** - Autotrophic, Chlorophyll, Heterotrophs, Host, Insectivorous, Nutrient, Nutrition, Parasite, Photosynthesis, Saprotrophs, Saprotrophic, Stomata

**LAB EXPERIMENT-** i) To study the apparatus used in laboratory.

ii) To study the growth of fungus on stale bread.

##### CHAPTER -2 Nutrition in Animals

Different ways of taking food, Nutrition in human beings, Digestion in human beings, Feeding and digestion in amoeba, Types of Teeth, Digestion in ruminants.

**KEY WORDS** - Absorption, Amino acid, Amoeba, Assimilation, Bile, Buccal cavity, Canine, Cellulose, Digestion, Egestion, Fatty acid, Food vacuole, Gall bladder, Glycerol, Incisor, Ingestion, Liver, Milk teeth, Molar, Permanent teeth, Oesophagus, Pancreas, Premolar, Pseudopodia, Rumen, Ruminant, Rumination, Salivary glands, Villi, Saliva.

**LAB EXPERIMENT-** To study the effect of saliva on starch.

#### UNIT -2

##### CHAPTER- 3 Fibres to Fabric

**Fibres:** Natural & Synthetic Fibres and their sources, Animal Fibre: wool, Process of extraction of wool from sheep, Animal Fibres : silk, Sericulture – extraction of silk, Sericulture and the associated health problems.

**KEY WORDS** - Cocoon, Fleece, Reeling, Silk moth, Silkworm, Sorting, Scouring, Sericulture, Shearing

**LAB EXPERIMENT**- To observe the difference between wool , silk, synthetic fibre by burning.

### **UNIT -3**

#### **CHAPTER - 4 HEAT**

Introduction to Heat : Hot & Cold, Temperature, Measuring Temperature- Reading a thermometer, Clinical and Laboratory Thermometer, Sea, Breeze & Land Breeze, Heat Transfer : An idea of conduction, convection and radiation, Clothing for winters and summers.

**KEY WORDS** - Celsius scale, Conduction, Conductor, Convection, Insulator, Land breeze Radiation, Sea breeze, Temperature, Thermometer.

**LAB EXPERIMENT** - To study the conduction of heat in solids.

- To study Lab and Clinical Thermometer.

- To study convection currents by using potassium permanganate.

### **UNIT - 4**

#### **CHAPTER - 5 Acids, Bases and Salts**

Classification of substances into acidic, basic and neutral, Indicators: Litmus, Turmeric, China Rose, Neutralization, Neutralization in everyday life.

**KEY WORDS** - Acid, Acidic, Base, Basic, Indicator, Neutral, Neutralisation, Salt.

**LAB EXPERIMENT** - To classify the substances as acidic, basic, neutral.

### **UNIT - 5**

#### **CHAPTER- 6 Physical & Chemical Changes**

Physical and Chemical Changes, Chemical Substances, Chemical reactions, Chemical reactions in everyday life, Rusting of iron and preventive measures, Crystallization.

**KEY WORDS** - Chemical change, Chemical reaction, Crystallisation, Galvanisation, Physical change, Rusting.

**LAB EXPERIMENT**- To study the reaction between copper sulphate and iron fillings.

#### **CHAPTER- 9 Soil**

Introduction to soil and soil formation, Soil Profile, Types of soil, Absorption of soil in water.



**KEY WORDS** - Clayey, Humus, Loamy, Percolation, Moisture, Sandy, Water retention.

**LAB EXPERIMENT** - To study the percolation rate of sandy and clayey soil.

## **TERM- II**

### **UNIT – 6**

#### **CHAPTER -10 Respiration in Organisms**

What is respiration? Why do we respire?, Aerobic and Anaerobic Respiration, Breathing: How do we breathe?, What do we breathe in and breathe out?, Breathing in other animals (cockroach, earthworm), Breathing under water, Respiration in plants.

**KEY WORDS** - Aerobic respiration, Anaerobic respiration, Breathing rate, Cellular respiration, Diaphragm, Exhalation, Gills, Lungs, Inhalation, Spiracles, Tracheae, Ribs.

**LAB EXPERIMENT-** To test that CO<sub>2</sub> turns lime water milky.

### **UNIT-7**

#### **CHAPTER -11 Transportation in Animals and Plants**

Circulatory system and its components, Excretion in animal: Excretory system, Transport of substances in plants : water and minerals, Sweating, Transpiration.

**KEY WORDS** - Ammonia, Artery, Blood, Blood vessels, Capillary, Circulatory system, Dialysis, Excretion, Excretory system, Haemoglobin, Heartbeat, Kidneys, Phloem, Plasma, Platelets, Pulse, Red blood cell, Root hair, Stethoscope, Sweat, Tissue, Urea, Ureter, Urethra, Uric acid, Urinary bladder, Vein, White blood cell, Xylem.

**LAB EXPERIMENT-** To study the structure of heart and excretory system

### **UNIT - 8**

#### **CHAPTER -12 Reproduction in Plants**

Modes of reproduction in plants : Asexual & Sexual Reproduction, Asexual Reproduction: Vegetative Propagation, Budding, Fragmentation, Spore Formation, Sexual Reproduction : Pollination & Fertilization , Fruit and seed formation : Seed Dispersal.

**KEY WORDS** - Asexual reproduction, Budding, Embryo, Fertilisation,

Fragmentation, Gametes, Hypha, Ovule, Pollen grain, Pollen tube, Pollination, Seed dispersal, Sexual reproduction Spore, Sporangium, Vegetative propagation, Zygote.

**LAB EXPERIMENT-** To study the different parts of flower.

## UNIT - 9

### CHAPTER -14 Electric current and its effects

Electric circuit symbols for different elements of circuit, Heating effect of current, Principle of fuse, Magnetic effect of electric current, Current carrying coil : Electromagnet, Working of an electric bell.

**KEY WORDS** - Battery, Electric components, Circuit diagram, Electric bell, Electromagnet, Fuse ,Heating effect of current, Magnetic effect of current.

**LAB EXPERIMENT-** To make an electromagnet.

## UNIT – 10

### CHAPTER -18 Wastewater Story

Water - Our Lifeline, Sewage & Wastewater Treatment Plant, Drainage Systems, Other Methods of Sewage Management: Why & How.

**KEY WORDS** - Aeration, Aerobic bacteria, Anaerobic bacteria, Biogas, Contaminant, Sanitation, Sewage, Sewer, Sewerage, Sludge, Wastewater.

## SUBJECT:-SOCIAL SCIENCE

### BOOKS PRESCRIBED:

- OUR ENVIRONMENT (NCERT)
- OUR PASTS – II (NCERT)
- SOCIAL AND POLITICAL LIFE - II (NCERT)

### MARKING SCHEME

### PERIODIC TEST: 20 MARKS

Q.NO	Marks
1-7	1X7= 7
8, 9	3X2=6
10	1X5=5
11(Map)	1X2=2
<b>TOTAL</b>	<b>20</b>

## HALF YEARLY/ANNUAL EXAMINATION : 80 MARKS

Q.NO	Marks
1 – 20	1X20=20
21 – 28	3X8=24
29 – 34	5X6=30
35(Map Geography)	1X3=3
36(Map History)	1X3=3
<b>TOTAL</b>	<b>80</b>

### TERM – 1

#### UNIT - 1

**GEOGRAPHY:** CHAPTER – 1 Environment

**KEYWORDS:** environment, ecosystem, lithosphere, hydrosphere, atmosphere, biosphere

**HISTORY:** CHAPTER- 1 Tracing changes through a Thousand Years

**KEYWORDS:** manuscript, jati, region, periodisation, modernity, patron

**CIVICS:** CHAPTER – 1 On Equality

**KEYWORDS:** universal adult franchise, dignity, constitution, civil rights movement, equality, discrimination

**ACTIVITY:-**Look at your surroundings. Make a list of uses that the land in your neighbourhood is being put to.

#### UNIT - 2

**GEOGRAPHY:** CHAPTER – 2 Inside the Earth

**KEYWORDS:** crust, mantle, core, igneous, sedimentary, metamorphic, minerals, rocks

**CIVICS:** CHAPTER – 2 Role of Government in Health

**KEYWORDS:** public, private, medical tourist, communicable disease, OPD, healthcare

**ACTIVITY:-**Make a list of the minerals used in daily life.

### **UNIT – 3**

**GEOGRAPHY:** CHAPTER – 3 Our Changing Earth

**KEYWORDS:** erosion, endogenic forces, exogenic forces, volcano, earthquake, glacier, sand dune

**HISTORY:** CHAPTER- 2 New Kings and Kingdoms

**KEYWORDS:** samanta, temple, nadu, sabha, brahmadeya, nagaram

**CIVICS:** CHAPTER – 3 How the State Government Works

**KEYWORDS:** constituency, majority, opposition, press conference, coalition, legislative assembly

#### **ACTIVITY**

Read the 'Earthquake – A case study' on page 14 given in the form of headlines that appeared in the newspapers after the quake. Arrange the events in the right sequence of their happening.

### **UNIT - 4**

**GEOGRAPHY:** CHAPTER – 4 Air

**KEYWORDS:** atmosphere, stratosphere, troposphere, humidity, weather, climate, wind

**HISTORY:** CHAPTER- 3 The Delhi Sultans

**KEYWORDS:** iqta, tarikh, garrison, mongols, kharaj, tawarikh

**ACTIVITY:** Solve the crossword puzzle given on page 28(Geography)

### **UNIT - 5**

**GEOGRAPHY:** CHAPTER – 5 Water

**KEYWORDS:** water cycle, ground water, tides, waves, ocean current, tsunami

**CIVICS:** CHAPTER – 4 Growing up as Girls and Boys

**KEYWORDS:** identity, double burden, de valued, anganwadi, inequality

## **TERM – II**

### **UNIT - 6**

**GEOGRAPHY:** CHAPTER – 7 Human Environment – Settlement, Transport and Communication

**KEYWORDS:** site, transhumance, settlement, metallised, subway, flyover

**HISTORY:** CHAPTER- 4 The Mughal Empire

**KEYWORDS:** mughals, mansab, jagir, zat, sawar, sulh- i- kul, primogeniture, coparcenary, zabt

**ACTIVITY:** List the different modes of transport used by the students of your class while coming to school.

### UNIT - 7

**CIVICS:** CHAPTER – 8 Markets Around Us

**KEYWORDS:** weekly market, mall, wholesale, chain of market, neighbourhood

**HISTORY:** CHAPTER- 6 Towns, Traders and Crafts persons

**KEYWORDS:** temple town, urbanisation, vishwakarma, emporium, black town

**ACTIVITY:** Find out kinds of goods sold in weekly market and shopping complex.

### UNIT - 8

**GEOGRAPHY** CHAPTER-10 Life in Deserts

**KEYWORDS** desert, oasis, bedouins, Tuaregs, gangri, ladakh, cheru

**HISTORY:** CHAPTER- 8 Devotional Path to the Divine

**KEYWORDS:** virashaivism, bhakti, sufi, khanqah, dharmasal, salvation, namghar

### UNIT - 9

**CIVICS:** CHAPTER – 9 A Shirt in the Market

**KEYWORDS:** ginning mill, exporter, profit, putting out system, merchant

### UNIT - 10

**HISTORY:** CHAPTER- 10 Eighteenth Century Political Formation

**KEYWORDS:** subadari, dal khalsa, misl, faujdari, ijaradari, chauth, sardeshmukhi

#### **MAP ACTIVITY (TERM - 1 HISTORY):**

On a political map of India, show the following

- 1) Kingdoms: Gurjara Pratiharas, Rashtrakutas, Palas, Cholas (Ch-2)
- 2) Areas: Bengal, Punjab, Sind, Kashmir (Ch-4)

#### **DIAGRAM ACTIVITY (TERM - 1 GEOGRAPHY):**

- 1) Components of environment (Ch - 1)
- 2) Composition of air (Ch - 4)
- 3) Layers of atmosphere (Ch - 4)
- 4) Water Cycle (Ch - 5)

**MAP ACTIVITY (TERM - II HISTORY):**

On a political map of India, show the following

- 1) Places: Somnath, Surat, Hampi, Masulipatnam, Bijapur, Golconda (Ch-6)
- 2) Bhakti Saints: Guru Nanak, Mirabai, Kabir, Surdas, Tulsidas (Ch-8)

**MAP ACTIVITY (TERM - II GEOGRAPHY):**

➤ On a political map of India, show the following

- 1) Seaports: Mumbai, Kolkata, Chennai, Cochin (Ch-7)
- 2) Airports: Delhi, Bhopal, Hyderabad, Bangalore. (Ch-7)

**DISTRIBUTION OF MARKS FOR THE PROJECT: RUBRICS(5 MARKS)**

<b>S.NO</b>	<b>ASPECTS</b>	<b>MARKS</b>
<b>1</b>	<b>Content accuracy and originality</b>	<b>1</b>
<b>2</b>	<b>Presentation and creativity</b>	<b>1</b>
<b>3</b>	<b>Process of Project completion: initiative, cooperativeness, participation and punctuality</b>	<b>1</b>
<b>4</b>	<b>Viva or written test for content assimilation</b>	<b>2</b>