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**SYLLABUS FOR CLASS VII**  
**SUBJECT- ENGLISH**

**Books prescribed:**

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

**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/Article             | 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 (3 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 section 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

**Composition**

Article writing

**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)

**An Alien Hand**

Ch-6: I want something in a cage

**Grammar**

Reported Speech

**Composition**

Speech Writing

**Activity**

Declamation on the topic 'Value of freedom'

**UNIT - 7**

**Honey Comb.**

Ch-7: The Invention of Vita Work

Dad and the cat and the tree (Poem)

**An Alien Hand**

Ch-7: Chandni

**Grammar**

Prepositions

**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

**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)

**An Alien Hand**

Ch-9: A Tiger in House

**Grammar**

Voice

**Composition**

Formal letter

**Activity**

Comprehension passage

**UNIT - 10****Honey Comb :**

Ch 10 : The Story of Cricket

**An Alien Hand:**

Ch 10: An Alien Hand

**Grammar**

Adverbs

Integrated Grammar Practice-9 (Dialogue Completion)

Integrated grammar practice -1 (Gap filling)

**Composition**

Informal letter

Article writing

**Activity**

Extempore



## Vocabulary Words

### Honeycomb:

Ch -1 : Three Questins

messengers, council, councillors, hermit, woods, affairs, fainted, re-dressed, seized, faithful, necessary.

Ch -2 : A gift of Chappals

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

Ch - 3 : Gopal and the Hilsa Fish

comic, courtier, challenge, majesty, temper, smearing, ridiculous.  
The Ashes That made Trees Bloom.

The Ashes That made Trees Bloom.

Ch- 4 : daimios, snug, soul, whining, gleamed, smothered, coaxed, dainties, convetous, 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 - 7 : The Invention of Vita- Wonk

Recipe, squeezed, pint, elevator, dendrochronologist, venomous, ancient, fantastic, shrivelling

Ch - 8 : Fire : Friend and Foe

smouldering, generat, foe, prevent, extinguish, bands, equipments, 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.

Ch - 10 : The Story of Cricket

entertainment, peculiarities, dimensions, codified, characteristics, specified, deception, stumps, compatriots, prejudiced, intellectual, decade, fortunate, sovereign, symbolised, remarkable, commerce, global audience.

**पाठ्यक्रम**  
**विषय - हिन्दी**  
**कक्षा - सातवीं**

**भाषा – शिक्षण के सामान्य उद्देश्य**

- भाषिक तत्वों, साहित्यिक विधाओं (कविता, निबंध, एकांकी, जीवनी) तथा विषय-वस्तु का ज्ञान प्राप्त करना।
- भाषिक कौशलों (सुनना, बोलना, पढ़ना और लिखना) का विकास करना।
- विद्यार्थियों में अपने विचारों और भावनाओं की रचनात्मक क्षमता का विकास करना।
- भाषिक तत्वों (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।

**MARKING SCHEME FOR PERIODIC**

**20 Marks**

**अंक विभाजन**

(1) अपठित गद्यांश	$1 \times 3 = 3$
(2) वसंत (प्रश्न उत्तर)	$2 \times 3 = 6$
(3) बिरबरे फूल	$1\frac{1}{2} + 1\frac{1}{2} = 3$
(4) व्याकरण	$1 \times 4 = 4$
(5) पत्र/अनुच्छेद	4

**MARKING SCHEME FOR TERMINAL EXAMINATION**

**Marks : 80**

**अंक विभाजन - 80**

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

**खण्ड 'क'**

**15 Marks**

(1) अपठित गद्यांश	9
(2) अपठित काव्यांश	$2 \times 3 = 6$

खण्ड 'ख'

20 Marks

(1) व्याकरण

खण्ड 'ग'

25 Marks

(1) वसंत - प्रश्न उत्तर (10)

(2) कविता भाग (5)

(3) प्रश्न उत्तर (बिखरे फूल) (5)

(4) खाली स्थान (बिखरे फूल) (5)

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

1. 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

पत्र - औपचारिक

## UNIT -2

वसंत- पाठ 3- हिमालय की बेटियाँ

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

2. क्रियाकलाप - 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, नरीक्षण

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

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

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

वसंत - पाठ 8 - शाम-एक किसान (कविता)

नवीन शब्द - संदर्भ, पलक, मरियल, पलाश

बिखरे फूल - पाठ 5 - दहकती आँखें

नवीन शब्द - फाटक, संदेह, विपत्ति, अवस्था

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

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

पाठ 10 - अपूर्व अनुभव

नवीन शब्द - अथक, उत्तेजित, न्यौता, हताशा, हार्दिक  
बिखरे फूल - पाठ 7 - सोने की नदी  
नवीन शब्द - विषैला, सभ्य, तरकीब, विचित्र  
व्याकरण - अलंकार (अनुप्रास) उदाहरण सहित परिभाषा  
सूचना लेखन, चित्र वर्णन

## TERM - 2

### UNIT -6

वसंत - पाठ 11 - रहीम के दोहे  
नवीन शब्द - घास, तजि, मछरी, रीत, सीत  
5. क्रिया - कलाप - रहीम जी द्वारा रचित वह दोहा लिखें। जिसमें परोपकार की बात कही गई है।  
पाठ 12 - कंचा  
नवीन शब्द - अहसास, केद्रित, घना, मग्न  
बिखरे फूल - पाठ - 8 विद्रोही  
नवीन शब्द - अपमान, एकत्रित, परास्त प्रायश्चित  
व्याकरण - अनेक शब्दों के लिए एक शब्द औपचारिक पत्र।

### UNIT -7

वसंत - पाठ 13 - एक तिनका  
नवीन शब्द - मुडेर, ढब, ऐंठ, कबहूँ  
पाठ 14 - खानपान की बदलती तस्वीर  
नवीन शब्द - मसलन, स्थानीय, अचरज, अंकुरित  
6. 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

अनुच्छेद - सामाजिक समस्याओं पर आधारित

### UNIT -8

वसंत - पाठ 15 - नीलकंठ

नवीन शब्द - संकीर्ण, आश्वस्त, बंकिम, चंचुप्रहार

7. क्रिया-कलाप - राष्ट्रीय पक्षी 'मोर का चित्र बनाकर उसके विषय में 50 शब्दों में 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

वसंत - पाठ 17 - वीर कुँवर सिंह

नवीन शब्द - अत्याचार, अंकित, पताका, रियासत

पाठ 18 - संघर्ष के कारण मैं तुनकमिजाज हो गया

नवीन शब्द - अहमियत, मायूस, कद्र शोहरत

8. क्रिया-कलाप - हॉकी को भारत का राष्ट्रीय खेल क्यों माना जाता है।

बिखरे फूल - पाठ - 11 सलीम

नवीन शब्द - काया, विलम्ब, आक्रमण



पाठ - 12 जैसलमेर की राजकुमारी

नवीन शब्द - स्थिर, निरीक्षण, तकलीफ

व्याकरण - लोकोक्तियों के केवल अर्थ ( पेज 175 - 176 )

अनुच्छेद - नैतिक शिक्षा से संबंधित

### UNIT -10

वसंत - पाठ 19 - आश्रम का अनुमानित व्यय

नवीन शब्द - मसविदा, पुस्तकालय, विवरण, पेशेवर

9. क्रिया-कलाप - महात्मा गांधी जी के द्वारा दी गई पाँच शिक्षाएँ लिखो।

पाठ 20 - विप्लव गायन

नवीन शब्द - क्रुद्ध, व्याप्त, सूत्र, सृजन

बिखरे फूल - पाठ - 13 ताड़ का पत्ता

नवीन शब्द - म्लेच्छ, क्षीण, पुरातत्त्व

10. क्रिया कलाप - कोई एक ओजपूर्ण कविता लिखें।

व्याकरण - प्रत्यय ( पूर्ण )

संधि की परिभाषा (स्वर, व्यंजन, विसर्ग)

सूचना लेखन, चित्र वर्णन

i wks - ; lsth

ftôk- gi kph

gi kph Gkôk d/f; yD Tjdb

gi kph Gkôk d/fr nkB Bf; wM e/Tj; dh Yleth tosl'd': 'r pBkTjDk s/; kfj s dhnk  
tjyFtjy ftXktKFeftsk ej kDh, fJekrh nkfd sA i kD(eotkTjDk sK fe ftfdnkoEh  
Gkôk d/ tjyFtjy eöbK ftzu fBgB j' e/nkgDh pj gjyh gfsGk dk ftek; eo ; eD.  
Gkôk dk wlb Tjdb ftfdnkoEhnik Bf gi kph ; kfj se fto; /Bkb i VBk W.

ftfdnkoEhnik dh fSgh j 'Jh gfsGk Bf pkj o fbnkTjD bJh pöv tba ; kkbBk  
ghfynk dh BkbFBkb nksfoe wlbkeD bJh 20 næ okyt/ozy/r J/j B (fi ; d/sfj s)

**10 næ** fbysh ghfynk (i wks N? N)

**5 næ** gj 'eN, i wks ns/ xo dk ew (wlbkeD glso s/nXkfos)

**5 næ** ASL (f; oc ; jDB, p'bD s/; wMD Tjs/nXkfos)

fJj BK rshftXhnik dk wlbkeD ftô/ Bkb ; pfXs nfXnkge s/; efb fgq hgb tba  
fBoXkfos nfXnkge dh fBrokBh ftzu gVB, fbyD ns/p'bD eöb d/nBf; ko ehsk  
i ktrk.

ckowfNt n; ? MN (næ F tv)

elb næ l 20

gkmF gj se l

göB ns/pj ftebgh göB  $2 \times 1 = 2$

nfs SN/göBK d/Tjso  $2 \times 1 = 2$

SN/göB  $2 \times 2 = 4$

tlvk göB  $1 \times 2 = 2$

ftnkeoB l  $1 \times 4 = 4$

nDfvłmk gbk \$ekftFN|eVh\$ fulso toBD l  $1 \times 3 = 3$

glso\$ bly l 3

; wNłt n; ? MN (næF tv)

ełb næ F 80

1a gVB ełb Reading Skill (15)

nDfvłmk gbk (9)

gi SN/gpB F (202020201 (1 næ f; obly bJh)

ekftFN|eVh Bkb ; pfXs (fsB gpB) (gkm gl; se ftu) (3 × 2 = 6)

2a ftnkeoB l (pj Fftebgh ns/SN/gpB ) Grammar

1a ftôđD (pj Fftebgh) (3)

2a ôpd i V (1)

3a ftoXh ôpd (pj Fftebgh) (3)

4a wj kto/ (pj Fftebgh) (3)

5a : 'i e (2)

6a fefonk (3)

7a fbr (pj Fftebgh) (3)

8a nrso (2)

ełb næ (20)

3a gġktôkbh fbyD ełb

bly (fsB bly uD nXkfos Błefsnk ; fj s) 10

glso 08

fulso toBD

07

25

**4a gkmFgj se s/nXkfos (Text Book)**

**20 næ**

1a nfs SN/gôB (1 næ tkb)

(T) ej kDh s/ tkose ftlu (pj [- ftebgh) (4)

(n) eftsk s/fJekrh ftlu (fJle ôpd tkb) (4)

2a SNFgôB - Tlso 2 næ tkb/ (25 s 30 ôpdk ftlu)  $3 \times 2 = 6$   
(ej kDh s/i htBh ftu)

3a tlV/ TlsoK tkb/gôB (tkose ftlu u'D nXkfos)  $1 \times 3 = 3$

4a fJekrh u' (50 - 60 ôpdk ftlu) (u'D nXkfos)  $1 \times 3 = 3$

**TERM - 1**

**UNIT - 1** eftsk F tDi kok

ej kDh F wsh

i htBh F gi kp dh b'e r kfJekF; fôdo eb

ftnkeoB F nDfvmk gb, ftôbD

**UNIT- 2** bÿ F xV/ dk gkDh

eftsk F wK dk fgnko

rshftXh F wK Bkb ; pXs eftsk fby'.

ej kDh F pbdK tkbk fgnkok f; x

ftnkeoB F ôpd i V (ôpd ôXh)

gÿso F 1a nkgD/Gok B{pph ; r s fsnkr e/gVUh eoB bJh gÿfos eo'.

2a nkgDh ; j bñ i K fwłso Błj wdodh Goh fułmh fby/i 'fe j ; gskb ftłu  
÷ywh fgnk W.

**UNIT-3** eftsk F pkb F yłK  
b/y F wb/dkdh i h  
ej kDh F ôbBñK  
ftnkeoB F ftoXh ôpd, ekftFNłVh

**UNIT-4** i htBh F pkpk pđk f; x pj kdo  
ej kDh F ôkpkô ! ; łB !  
r shftXh F gShnk dh ; KG ; Gkb pko/nkgD/ftuko fby'.  
eftsk F ; kTĐ  
r shftXh F gi kp d' eJh d' gđ; ZX fsTj kok pko/fby'.  
ftnkeoB F wj kto/( 1 F 10)  
b/y F pkpk pđk f; x pj kdo, nłyh fvłmk wł

**UNIT-5** ekftFej kDh F pfułso f; x dh pj kdoh  
fJekrh F feos dk ; fseko  
ftnkeoB F : 'i e, fułso toBD

#### (TERM - 1 UNIT 1 to 5)

#### TERM - II

**UNIT-6** i htBh F eosko f; x ; okGk  
eftsk F i hn eo/  
ej kDh F fspuB dk ełd  
ftnkeoB F nDfvłmk gđkđ fefonk

**UNIT-7** i htBh F bkbk bki gs okJ/  
 rshftXh F Gkos dh n÷kdh ftzu fj z; k gkTĐ tkb/fe; /fJze ni kdh  
 x|bkNhJ/pko/fby'.  
 ej kDh F frmw|mhñK tkbk yj  
 eftsk F ndG|s ; z ko  
 ftnkeoB F fbr pdb'  
 glso F 1a wly nfXnkge i h B|; 'eôB pdbD bJh fpB?glso.  
 2a nkgD/wly nfXnkge i h B|oVFeok; cv ftzu|; j kfJsk  
 bD bJh no÷h fbyl.

**UNIT-8** ej kDh F ;ls F vkeNo  
 i htBh F g|bkV goh F ; BhsK ftbhnw÷  
 by F ftok; sFJF ykb; k  
 rshftXh F ftok; sFJFykb; k d/fdq dk toBD eod/j 'J/bly fby'.  
 ftnkeoB F ekft N|eVh, wj kto/ ( 11 F 20)  
 by F ; w|dh edo, g|pD

**UNIT-9** rhs F fwbyh dk ftnkj  
 by F i kr'  
 ftnkeoB F nrso

**UNIT-10** fJekrh F feos dk ; fseko  
 ftnkeoB F fulso toBD

## **SYLLABUS FOR CLASS-VII**

### **SUBJECT - MATHS**

**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 :**

1. 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 :**

2. Shading of given figures according to given fractions.

## **UNIT - II**

## **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 - III**

## **CHAPTER 4 : SIMPLE EQUATIONS**

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

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

## **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 :**

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

**UNIT - IV****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 :**

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

**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 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 :**

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

**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 - VII**

**CHAPTER 14 : SYMMETRY**

**KEYWORDS:** Symmetry, Line symmetry, Rotational symmetry, Order of rotation, Angle of rotation.

- Line symmetry.
- Rotational symmetry.
- Angle and order of rotation.

**ACTIVITY :**

2. To draw the lines of symmetry for given shapes.

## **UNIT - VIII**

### **CHAPTER 7: CONGRUENCE OF TRIANGLES**

**KEYWORDS :** Congruent shapes/figures, Rules of congruence (SSS, SAS, RHS, ASA)

- Congruence of plane figures.
- Congruence of triangles by SSS,SAS,ASA and RHS rule.

#### **ACTIVITY :**

3. To collect and paste any five congruent objects from daily life.

### **CHAPTER 11: PERIMETER AND AREA**

**KEYWORDS:** Perimeter, Circumference , Area

- Perimeter and area of 2-D shapes.
- Circumference and area of Circle and semi-circle.
- Area of cross-roads.
- Area of paths.

## **UNIT - IX**

### **CHAPTER 15 : VISUALISING SOLID SHAPES.**

**KEYWORDS :** 2-D and 3-D shapes, Nets of solids, Oblique sketch, Isometric sketch, Cross-section, Faces, Edges, Vertices of 3-D shapes.

- Nets of solids.
- Cross-section of solids.
- Views of solids.
- Isometric and oblique sketches of solids.

#### **ACTIVITY :**

4. To draw the nets of given 3 - D shapes and write their vertices, edges & faces.

## **UNIT - X**

### **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 :**

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

### **CHAPTER - 10 PRACTICAL GEOMETRY**

**KEYWORDS :** Triangles and its types (Scalene, Isosceles, Equilateral, Acute, Right, Obtuse)

- Construction of parallel lines.
- Construction of triangles by SSS, SAS, ASA and RHS rule.

**SYLLABUS CLASS VII**  
**SUBJECT - SCIENCE (2018-19)**

**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

**SUBJECT - SCIENCE**

**CLASS - VII**

**TERM - I**

**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.

#### **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 - 4**

#### **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.

## **UNIT- 5**

### **CHAPTER -7 Weather, Climate and Adaptations of Animals to Climate**

Weather and the factors affecting it, Climate, Factors affecting climate, Adaptation of animals to climate change, Adaptation of animals to climate change (polar region, tropical rain forests and deserts)

**KEY WORDS** - Adaptation, climate, Elements of weather, Humidity, Maximum temperature, Minimum temperature, Polar region, Tropical rainforest, Tropical region, Weather.

**WEATHER WEEK-** Cut out the weather reports of the week from the newspapers. Paste the cut outs in science file.

### **CHAPTER -8 Wind Storms and Cyclones**

Air and its properties, Wind and types of wind : Pressure, Weather, Thunderstorms and cyclones, Destruction caused by cyclones , Effective safety measures and role of technology.**KEY WORDS** - Anemometer, Cyclone, Hurricane, Lightning, Tornado, Typhoon, Wind flow pattern ,Low pressure, Monsoon winds, Pressure, Thunderstorm.

**LAB EXPERIMENT-** To show that air exerts pressure or expands on heating and contract on cooling.

### **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.

#### **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 - 7**

#### **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 - 8**

### **CHAPTER -13 Motion and time**

An idea of speed : slow and fast , Measurement of time using periodic events, Measuring speed : units of time and speed, Understanding and application Distance-Time Graph.

**KEY WORDS** - Bar graph, Graphs, Non-uniform motion,, Oscillation, Simple pendulum, Speed, Time period, Uniform motion, Unit of time.

**LAB EXPERIMENT-** To calculate the time period of simple pendulum.

## **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.

### **Chapter - 15 Light**

Rectilinear Propagation of Light and Reflection of Light, Reflection of Light -

Virtual Image and Real Image, Reflection of Light in a Mirror - Lateral Inversion or Left-Right Reversal, Images formed by spherical mirrors, Images formed by lenses, Sunlight : white or coloured ?

**KEY WORDS** - Concave lens, Concave mirror, Convex lens, Convex mirror, Erect image, Magnified image, Magnifying glass, Prism, Rainbow, Real image, Rear view mirror, Side mirror, Spherical mirror Virtual image.

**LAB EXPERIMENT-** To study that white light consists of seven colours by using Newton's disc.

## **UNIT - 10**

### **CHAPTER 16- Water: A Precious Resource**

Water and Its importance, Water exists in various forms in nature, Scarcity of water : causes and effects, Water Management.

**KEY WORDS** - Aquifer, Depletion, Drip irrigation, Groundwater, Infiltration, Recharge, Water harvesting, Water table.

**SCHOOL WALK-** To study the rainwater harvesting system in school.

### **Chapter -17 Forests: Our Lifeline**

Importance of forests, Interdependence of plants and animals in forests, Conservation of forests : Why and How.

**KEY WORDS** - Canopy, Crown, Decomposers, Seed dispersal, Soil erosion, Understorey, Deforestation, Humus, Regeneration.

**NATURE WALK (SCHOOL CAMPUS)-**To study the herbal garden of the school

### **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.

**Syllabus of SOCIAL SCIENCES**  
**CLASS - VII**

**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	$1 \times 7 = 7$
8 - 9	$3 \times 2 = 6$
10	$1 \times 5 = 5$
11 (Map)	$1 \times 2 = 2$
<b>TOTAL</b>	<b>20</b>

**HALF YEARLY/ANNUAL EXAMINATION : 80 MARKS**

Q.NO	Marks
1 - 20	$1 \times 20 = 20$
21-28	$3 \times 8 = 24$
29- 34	$5 \times 6 = 30$
35 (Map-Geography)	$1 \times 3 = 3$
36 ( Map-History)	$1 \times 3 = 3$
<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 :** Imagine an Ideal environment where you would love to live and write about it.

### **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 healthcare, medical tourist, communicable disease, OPD, healthcare

**ACTIVITY : 1.** Do the activity given on page 11 ( Geography)  
**2.** What problems do you face in private and public hospitals?

### **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 :** Solve the crossword puzzle given on the page 19  
(Geography)

#### **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

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

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

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

#### **UNIT - 5**

**GEOGRAPHY:** CHAPTER - 5 Water

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

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

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

**CHAPTER- 5 Rulers and Buildings**

**KEYWORDS:** superstructure, baolis, bhairava, chahar bagh, pishtaq, hasht-bihisht

**CIVICS:** CHAPTER - 5 Women that change the World

**KEY WORDS:** stereotype, discrimination, violation, sexual harassment, campaigning, solidarity

**TERM - II**

**UNIT - 6**

**GEOGRAPHY:** CHAPTER - 6 Natural Vegetation and Wildlife

**KEYWORDS:** taiga, natural vegetation, grasslands, coniferous, deciduous, Mediterranean

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

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

**CIVICS:** CHAPTER - 6 Understanding Media

**KEYWORDS:** publish, censorship, broadcast, public protest, local media

**ACTIVITY :**

1. Write the features of different types of Vegetations.
2. Name some examples of Electronic and Print Media.

**UNIT - 7**

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

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

**HISTORY:** CHAPTER- 7 Tribes, Nomads and Settled Communities

**KEYWORDS:** varna, jati, tanha, garh, chaurasi, barhot, bhuiyans, paik, khel



**CIVICS:** CHAPTER - 7 Understanding Advertisements

**KEYWORDS:** product, consumer, brand, to influence, lifestyle, advertisement

### **UNIT - 8**

**GEOGRAPHY:** CHAPTER - 8 Human Environment Interactions -  
The Tropical and the Subtropical Region

**KEYWORDS:** tributary, equatorial, river mouth, population density, basin

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

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

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

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

**ACTIVITY :** Visit a Weekly Market and Shopping Complex & write the  
difference between them.

### **UNIT - 9**

**GEOGRAPHY:** CHAPTER - 9 Life in the Temperate Grasslands

**KEYWORDS:** prairies, velds, combine, chinook, bison, ranches, cowboys, kudu

**HISTORY:** CHAPTER- 9 The Making of the Regional Cultures

**KEYWORDS:** classical, miniature, pir, dialect, dochala, animism, gharana

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

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

**ACTIVITY :** Choose any two States and prepare a list of clothes, food,  
culture, language & tradition

## **UNIT - 10**

**GEOGRAPHY:** CHAPTER - 10      Life in the Desert

**KEYWORDS:** desert, oasis, khapa-chan, ladakh, sparse, mountain pass

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

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

**CIVICS:**      CHAPTER - 10      Struggles for Equality

**KEYWORDS:** ballot box, discrimination, reservoir, living document, Tawa  
Matsya Sangha

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

On a political map of India, show the following

- 1) Kingdoms: Gurjara Pratiharas, Rashtrakutas, Palas, Cholas (CH-2)
- 2) Places: Kanauj, Thanjavur, Madurai, Kanchipuram. (CH - 3)
- 3) 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) 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)
- 3) Regions: Kerala, Himachal Pradesh, Rajasthan, Orissa, Bengal (CH-9)

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

- On a political map of India, show the following
  - 1) Seaports: Mumbai, Kolkata, Chennai, Panaji, Cochin (CH-7)
  - 2) Airports: Delhi, Mumbai, Kolkata, Chennai, Bangalore. (CH-7)
  - 3) Rivers: Ganga and Brahmaputra (CH-8)
  - 4) Ladakh, Karakoram and Zaskar Range, Zojila Pass (CH-10)

## **SYLLABUS FOR G.K.**

### **CLASS – VII**

#### **TERM – I**

- UNIT –I** : Worksheets 1, 2 & 3  
**UNIT – II** : Worksheets 4, 5 & 6  
**UNIT –III** : Worksheets 7, 8 & 9  
**UNIT – IV** : Worksheets 10,11 & 12  
**UNIT –V** : Worksheets 13, 14, & 15

#### **TERM – II**

- UNIT – VI** : Worksheets 16, 17 & 18  
**UNIT –VII** : Worksheets 19, 20 & 21  
**UNIT – VIII** : Worksheets 22, 23 & 24  
**UNIT –IX** : Worksheets 25, 26 & 27  
**UNIT – X** : Worksheets 28, 29 & 30

**Syllabus of M.Sc**  
**CLASS - VII**

**BOOKS PRESCRIBED :**

LIFE WITH VALUES 7 (M.Sc)

S. CHAND SCHOOL

**TERM - I**

**UNIT-1**

**M.Sc.** Chapter - 1

**UNIT - 2**

**M.Sc.** Chapter 2

**UNIT - 3**

**M.Sc.** Chapter 3

**UNIT - 4**

**M.Sc.** Chapter 4

**UNIT - 5**

**M.Sc.** Chapter 5 & 6

**TERM - II**

**UNIT - 6**

**M.Sc.** Chapter 7

**UNIT - 7**

**M.Sc.** Chapter 8

**UNIT - 8**

**M.Sc.** Chapter 9

**UNIT - 9**

**M.Sc.** Chapter 10

**UNIT - 10**

**M.Sc.** Chapter 11 & 12

## **SYLLABUS FOR CLASS VII**

### **SUBJECT : COMPUTER**

**Book : I.T. Beans**

**Publisher : KIPS PUBLISHING WORLD**

**Format for Exams:-Online Test +Assessment (Practical + Activities)**

#### **TERM-1**

#### **UNIT-1**

##### **CHAPTER 1 - Number System**

**KEYWORDS :** Decimal Number, Binary Number, Octal Number, Hexadecimal, Computer language.

**ACTIVITY** Do Activity given on page No.12 & 13

##### **CHAPTER - 11 Internet Services**

**KEYWORDS:-** Twitter, Cloud Computing, E- mail, E- greetings , BLOG

**ACTIVITY :-** Make a PPT on Social Networking Sites .

#### **UNIT-2**

##### **CHAPTER -2 Working in Windows 7**

**KEYWORDS :** Document , Windows Explorer , Sleep , Control Panel , Library

**ACTIVITY :-** Group discussion on Hibernate Vs Sleep Mode

#### **UNIT-3**

##### **CHAPTER -3 Formulas and Functions**

**KEYWORDS:** Formula , Reference , Operators, Constants , Functions

**ACTIVITY :-** Do Activity given on Page No. 148.

## **UNIT-4**

### **CHAPTER -4 Using Excel As Database**

**KEYWORDS :** database , Field, Row, Form , Filter, Pivot table.

**ACTIVITY :-** Do Activity given on Page No. 44.

## **UNIT-5**

### **CHAPTER-5 Advance Features of Excel**

**KEYWORDS :** Charts , Data series , Legend , Goal seek , Consolidation.

**ACTIVITY :-** Create a Chart of the Activity including Data Series and Legends.

## **TERM-2**

## **UNIT-6**

### **CHAPTER -6 Working with Flash CS3**

**KEYWORDS:** Flash , Frames , Keyframes , Timeline , Playhead

**ACTIVITY :-** Create a Flash animation to create Tint Tween effect on the text.

## **UNIT-7**

### **CHAPTER -7 Working with Layers**

**KEYWORDS :** Layers , Active layer , Masking , Onion skin tool , Selection Tool

**ACTIVITY :-** Make a project on Solar System in Flash

## **UNIT-8**

### **CHAPTER -8 Conditional Control Statement**

**KEYWORDS:** Constant and Variables, End-If, Go-to and If - Then Statement.

**ACTIVITY :-** Do Activity given on Page No.100.

## **UNIT-9**

### **CHAPTER -10 Graphics in QB64**

**KEYWORDS:** Screen, Draw , PSET, New Image, line Statement

**ACTIVITY:-** Make a program to draw an equilateral triangle.

## **UNIT-10**

### **CHAPTER -12 : The Virus**

**KEYWORDS :** Virus infections, Antivirus, Worms, Spyware

**ACTIVITY:-** Make a PPT on Topic:- Virus



## **Syllabus of Drawing**

### **Class VII**

### **TERM 1**

#### **Unit 1**

- Object Drawing
- Basics of Portrait

#### **Activity**

- Bread Craft

#### **Unit 2**

- Nature study

#### **Activity**

- Best out of Waste

#### **Unit 3**

- Poster on Energy Conservation
- My School

#### **Activity**

- Warli Painting

#### **Unit 4**

- Sketching of Human Figures in small groups from daily life

#### **Activity**

- Paper Bags

#### **Unit 5**

- Nature study (trees, flowers, leaves)
- Composition ( Market scene)

## **Unit 6**

- My favourite pet
- Landscape showing Perspective

### **Activity**

- Silhouette Painting

## **Unit 7**

- Diwali scene

### **Activity**

- File covers

## **Unit 8**

- Poster on Drug Abuse
- Story-Board

### **Activity**

- Christmas craft

## **Unit 9**

- Decorative style of writing (calligraphy)

### **Activity**

- Recycling Newspaper

## **Unit 10**

- Holi scene
- Drawing of different Birds

**SYLLABUS FOR CLASS VII**  
**SUBJECT- PHYSICAL EDUCATION**

**TERM - I**

**ACTIVITY:-** Table exercise,  
Standing march past  
Commands(Right Turn, Left turn, About turn)  
Lazium exercise.

**ATHLETICS:-** Races 100meter, Races 200meter Jumps (long jump, On the spot jump), Obstacle races, Throws.

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

**YOGA :-** Taad asana , Padam asana , Bhujang asana, Anulom Vilom, Surya Namaskar

**TERM - II**

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

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

**GAMES :-** Volleyball ( services, passing, receiving, smash)  
Football (Passing, dribbling, shutting, blocking)  
Carrom board, chess, ludo

**YOGA :-** Vajar asana, Dhanur asana, 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.**

### **CLASS-VII**

#### **SUBJECT: MUSIC / DANCE**

<b>First term</b>	<b>Second Term</b>
1. Shabad	1. Prayer / Shabad
2. Basic four Todas in Kathak dance	2. Semi Classical (Vandana )
3. Knowledge of taals	3. Six Alankars
4. Basic Knowledge of face expressions and hand movements	4. Gujrati Folk Dance
5. Prayer	5. Patriotic Song
6. Folk Dance	6. Western Dance
7. Knowledge of Ragas	7. Folk Song / Classical Song
8. Patriotic Dance	8. Folk Dance
9. Patriotic Song	9. Bhajan / Eng. Song
10. Western Dance with Props	10. Patriotic dance