

**CLASS-VII****SUBJECT-ENGLISH ( Mar 2018-Feb 2019 )**

Month & No. of Working Days	LITERATURE	PRACTICE	READER	WRITING	ACTIVITIES
March (12 days)	1. Monkey Trouble	-	-	Diary Entry	Comprehension, Role Play Greeting Card for Grand Parents with message. A Poem on Friendship.
April (22 days)	2. Birdie will you pet?	1. The Article 2. The Sentence	1. People at work	Message	
June (12 days)	3. A Hero	3.The Compound Sentence	-	Report Notice	
July (26 days)	4. Fight Manju Fight! 5. I Dream A World	4. Phrases & Clauses	2. Relationship	Formal Letter Paragraph Writing	
August (24 days)	6.Stone Soup In Bohemia	5. Transitive & Intransitive Verbs 6. Passive Voice. Reading for Understanding	3. Attitude	-	
Sep. (23 days)	<b>REVISION + EXAM</b>				
Oct. (20 days)	7. A Stormy Adventure	6. Modals	-	Article	Comprehension. List ten things to make world more beautiful. Write on any one of the achievers. Information about various people of different states of India- Costumes, Food, Faith etc.
Nov. (18 days)	8.The Spider & The Fly. 9. The Human Robot.	8. Reported Speech 9.Future Time Reference	4. Achievers	E-mail	
Dec (24 days)	10.Friends & Flatterers	10. Perfect Progressive Tense.	5. The Future World.	Bio- Sketch Speech	
Jan. (25 days)	11. Chocolates In Your Dreams Too.	11. Linkers	6. Unity In Diversity	Informal Letter.	
Feb. (10 days)	<b>REVISION + EXAM - SA - II</b>				

**Examination Specification**

The entire session has been divided into two terms, the details of which are tabulated below:

**Term - I**

Division of Syllabus Section	Marks	Total Marks
Reading	20	80
Writing	20	
Grammar	15	
Literature	25	
Internal Assessment	5+5+10	20
Total	80+20	100

**Term - II**

Division of Syllabus Section	Marks	Total Marks
Reading	20	80
Writing	20	
Grammar	15	
Literature	25	
Internal Assessment	5+5+10	20
Total	80+20	100

**Note:**

1. The question paper for Term – I and Term – II will be of 80 marks each. 20 marks will be allotted for Internal Assessment.
2. Refer to the table given below for Internal Assessment.

**Internal Assessment**

S. No.	Assessment	Marks	Weightage
1	Class Assessment/ Home Assessment	5	25%
2	Average of Unit Test / Pen paper test / class test/ periodic tests	10	50%
3	Subject Enrichment (ASL)	5	25%
Total		20	100%

**Section A (Reading) 20 Marks**

Three unseen passage with a variety of comprehensive questions and word attack skills such as word formation, inferring meaning etc.

Q.1. Passage I with 10 marks weightage will consist of comprehension question in the conventional way. 2 marks out of 10 must be for word attack skill such as word formation and inferring meaning.

Q.2. Passage II with 5 marks weightage will consist of gap filling to test comprehension.

Q.3. Passage III with 5 marks weightage will consist of comprehension question in the conventional way.

**Section – B (Writing) 20 marks**

This section will include three writing tasks.

Q.4. Short composition of not more than 50 words for 4 marks.

Q.5. and Q.6. for 8 marks each.

\* The marking scheme of Q. 4 will be as follows:

Content – 3 marks

Format – 1 mark

\* The marking scheme of Q.5. and Q.6. will be as follows:

Content - 3 marks

Fluency - 2 marks

Accuracy - 2 marks

Format - 1 mark

Section – C (Grammar) 15 marks

Q.7. to Q.11. A variety of 5 short questions for 3 marks each. Text types will include gap filling, cloze (gap filling exercises with blanks at regular intervals) sentence completion, reordering word groups in sentences, editing (errorfinding and sentence transformation)

Section – D (literature) 25 marks

Q.12. Extract based on poetry followed by RTC questions. - 4 marks

Q.13. Extract based on prose followed by RTC questions - 4 marks

Q.14. 6 Short answer question (30-40 words) where 1 question will be value based – 12 marks

Q.15. An extended question (with internal voice) to test global comprehension or deeper understanding of the prescribed texts. (50-60 words) - 5 marks

Important Note: 20% of the 1<sup>st</sup> term syllabus will be included in the 2<sup>nd</sup> term exam.

\* Suggestion for enhancement of language skills.

a) Dictation / spell check/ handwriting.

Teachers may make use of words and passage suitable for class VII.

\* Reading as an activity should take into account intonation, stress and pronunciation. Reading may include

a) Text book reading

b) Newspaper reading

c) Reading of long text

d) Any other suitable material

\* Recitation : The following parameters should be kept in mind while evaluating recitation.

1. Clarity and expression

2. Tone and intonation

3. Posture

Note: Teachers may conduct debate/ declamation / extempore / properly for enhancing speaking skills of the learner's.

Syllabus for Term – I

English Literature

1) Monkey trouble

2) Birdies, will you pet?

3) A Hero

4) Fight Manju Fight!

5) I Dream a world

6) Stone Soup in Bohemia

**My English Reader**

1) Unit : People at work

2) Unit : Relationship

3) Unit : Attitude

Suggested topics from Reader units to practice

- 1) People at work
- 2) Importance of Joint Family
- 3) Friend in need is a friend in deed.
- 4) True happiness lies in making others happy.
- 5) Hard work alone leads to success.

### **English Practice Book**

- 1) The Article
- 2) The Sentences
- 3) The compound sentences
- 4) Phrases and clauses
- 5) Passive Voice  
    Reading for understanding

Writing Skills

Diary Entry, Message, Report, Notice, Formal letter, paragraph writing.

Syllabus for Term - II

English Literature

7. A stormy Adventure
8. The spider & the fly
9. The Human Robot
10. Friends & Flatterers
11. Chocolates in your dreams too.

My English Reader

4. Unit - Achievers
5. Unit - The future world
6. Unit - Unity in diversity

Suggested topics from Reader Units to practice:

1. Physically challenged people can overcome their limitation if we provide them congenial environment.
2. Qualities required to overcome disabilities.
3. Seed of achievement lies in human mind.
4. Human beings are becoming slaves of technology.
5. Unity in diversity.

### **Practice Book**

7. Modals
8. Reported speech
9. Future time reference
10. Perfect progressive tense
11. Linkers

### **Writing Skill Topics**

Article, Email, Biosketch, speech, Informal letter.

Portion from Term - I

Literature

3. A Hero
5. I dream a world

Practice Book

5. Transitive & Intransitive Verbs
1. The Article

**CLASS – VII**

**FIRST TERM**

**SUBJECT – HINDI**

माह	WD.	ज्ञान सागर	अभ्यास सागर	व्याकरण/लेखन
मार्च		1. बारह मासा	1. बारह मासा	संयुक्त व्यंजन, उच्चारण
अप्रैल		2. नाटक में नाटक 3. निर्मला, साँप व सयाल	2. नाटक में नाटक 3. निर्मला, साँप व सयाल	अनुस्वार व अनुनासिक संज्ञा व भेद
जून		4. बातूनी 5. राजू का सपना	4. बातूनी राजू का सपना	उपसर्ग और प्रत्यय पत्र लेखन के नियम
जुलाई		6. समय 7. स्कूल की छुट्टियाँ 8. एवरेस्ट की चुनौती	6. समय 7. स्कूल की छुट्टियाँ 8. एवरेस्ट की चुनौती	विसर्ग चिन्ह, सर्वनाम व भेद, विशेषण व भेद
अगस्त		9. सवाल का जवाब 10. झंडा ऊँचा रहे हमारा	9. सवाल का जवाब 10. झंडा ऊँचा रहे हमारा	क्रिया व भेद एवं कहानी लेखन
सितंबर		पुनरावृत्ति	पुनरावृत्ति	पुनरावृत्ति
		निबंध व पत्र लेखन – मित्र को पत्र, अपने क्षेत्र में गंदगी को साफ करवाने हेतु स्वास्थ्य अधिकारी को पत्र, परीक्षा की तैयारी के विषय में बताते हुए पिताजी को पत्र हमारा प्यारा भारत वर्ष, विज्ञान वरदान या अभिशाप विद्यार्थी और अनुशासन परियोजना कार्य – 1. विज्ञापन 2- कविता पाठ 3- अनुच्छेद लिखने का अभ्यास 4- समय के महत्व पर चर्चा 5- चित्र देखकर कहानी लेखन		
		<b>SECOND TERM</b>		
अक्टूबर		11 उस रात की बात 12 दोहे	11 उस रात की बात 12 दोहे	क्रिया विशेषण व भेद, विविध शब्द प्रयोग
नवंबर		13 साहस को सलाम 14 एस0 रामानुजन 15 अन्नदाता कृषक 16. देश भक्त पुरु	13 साहस को सलाम 14 एस0 रामानुजन 15 अन्नदाता कृषक 16. देश भक्त पुरुष	काल व भेद, डायरी लेखन कला, रुढ़, यौगिक, योगरूढ़, संयुक्त क्रिया, एवं रंजक क्रिया समुच्चय बोधक अव्यय
दिसंबर		17. काकी 18. बाललीला व कुंडलियाँ 19. गणेशोत्सव 20. कर्मवीर	17. काकी 18. बाललीला व कुंडलियाँ 19. गणेशोत्सव 20. कर्मवीर	शब्द भेद (तत्सम, तद्भव, देशज, आगत), अनुप्रास अलंकार, विराम चिह्न, कारक

**पत्र लेखन** – 1. अपने छोटे भाई को पत्र लिखकर पतंग उड़ाने की सावधानियाँ बताएँ  
2. अवकाश हेतु प्रधानाचार्य को पत्र 3. अपने शोक के बारे में बताते हुए मित्र को पत्र।  
अनुच्छेद – व्यायाम के लाभ 2. हमारी वन सम्पदा 3. किसी महान वैज्ञानिक की जीवनी  
परियोजना कार्य – समसामयिक विषयों पर चर्चा यात्रा वर्णन, आसपास के वातावरण पर परिचर्चा, मुख्य त्यौहारों का सचित्र वर्णन।

7वीं प्रथम सत्र पाठ्य पुस्तक ज्ञान सागर एवं अभ्यास सागर

क्र.	पाठ का नाम	आबंटित अंक
1.	बारह मासा	2+3 5 अंक
2.	नाटक में नाटक	4 अंक
3.	निर्मला साँप व सयाल	2 अंक
4.	बातूनी	3 अंक
5.	राजू का सपना	—
6.	समय	3 अंक
7.	स्कूल की छुट्टियाँ	2 अंक
8.	एवरेस्ट की चुनौती	2 अंक
9.	सवाल का जवाब	3 अंक
10.	झंडा ऊँचा रहे हमारा	—
		<b>योग 24 अंक</b>

#### प्रश्न पत्र

खंड – क (अपठित बोध)

1. अपठित गद्यांश (200 शब्दों में) 10 अंक
  2. अपठित पद्यांश 5 अंक
- 15 अंक**

#### खंड – ख व्याकरण – अभ्यास सागर से

1. संयुक्त व्यंजन व उच्चारण 3 अंक
2. अनुस्वार एवं अनुनासिक 2 अंक
3. संज्ञा के भेद 3 अंक
4. उपसर्ग और प्रत्यय 3 अंक
5. विसर्ग चिह्न 2 अंक
6. सर्वनाम के भेद 3 अंक
7. विशेषण व भेद 2 अंक
8. क्रिया व भेद 2 अंक

**योग 20 अंक**

#### खंड – ग पठित बोध (ज्ञान सागर से)

1. पठित पद्यांश 03 अंक
  2. पठित गद्यांश 03 अंक
  3. लघुत्तर प्रश्न-1(संक्षिप्त उत्तर) 2x4=8
  4. लघुत्तर प्रश्न-2 (विस्तृत उत्तर) 3x4=12
  5. निबंधात्मक प्रश्न-1 4x1=4
- 30 अंक**

**खंड – घ (रचनात्मक लेखन)**

- |                               |        |
|-------------------------------|--------|
| 1. निबंध/अनुच्छेद लेखन        | 05 अंक |
| 2. पत्र लेखन (अभ्यास सागर से) | 05 अंक |
| 3. विज्ञापन/संवाद/डायरी       | 05 अंक |

**15 अंक**

**कुल अंक – 80**

**द्वितीय सत्र पाठ्य पुस्तक ज्ञान सागर एवं अभ्यास सागर**

क्र. पाठ का नाम	अंक विभाजन	कुल अंक
1. 6 समय (प्रथम सत्र से)	3	3
2. 8 एवरेस्ट की चुनौती (प्रथम सत्र से)	3 (अथवा)	3 (अथवा)
3. 11 उस रात की बात	2	2
4. 12 दोहे	2	2
5. 13 साहसको सलाम	2	2
6. 14 एस रामानुजम*	—	—
7. 15 अन्नदाता कृषक	2	2
8. 16 देश भक्त पुरु	3	3
9. 17 काकी	3	3
10. 18 बाललीला व कुंडलियाँ	4	4
11. 19 गणेशोत्सव	3	3
12. 20 कर्मवीर	2	2
		<b>24 अंक</b>

**प्रश्न पत्र**

**खंड – क (अपठित बोध)**

- |                                   |    |
|-----------------------------------|----|
| 1. अपठित गद्यांश (200 शब्दों में) | 10 |
| 2. अपठित पद्यांश                  | 5  |

**15 अंक**

**खंड – ख व्याकरण (अभ्यास सागर से)**

**प्रथम सत्र से**

- |                         |       |
|-------------------------|-------|
| 1. विसर्ग चिह्न (पाठ 6) | 5 अंक |
| 2. विशेषण व भेद (पाठ 8) | 3 अंक |

**द्वितीय सत्र से**

- |  |       |
|--|-------|
| 3. 11 क्रिया विशेषण व भेद                                | 1 अंक |
| 4. 12 विविध शब्द प्रयोग                                  | 2 अंक |
| 5. 13 काल व भेद  | 1 अंक |
| 6. 15 रूढ़, यौगिक व योगरूढ़ शब्द                         | 2 अंक |
| 7. 16 संयुक्त क्रिया, रंजक क्रिया एवं समुच्चय बोधक अव्यय | 1 अंक |
| 8. 17 शब्द भेद (तत्सम, तद्भव आदि)                        | 2 अंक |



9. 18 अनुप्रास अलंकार	1 अंक
10. 19 विराम चिह्न	1 अंक
11. 20 कारक चिह्न	1 अंक

**कुल 20 अंक**

**खंड – ग पठित बोध (ज्ञान सागर से)**

1. पठित पद्यांश	03 अंक
2. पठित गद्यांश	03 अंक
3. लघुत्तर प्रश्न – 1 – संक्षिप्त उत्तर	2x4=8
4. लघुत्तर प्रश्न – 2 – विस्तृत उत्तर	3x4=12
3. निबंधात्मक प्रश्न –	4x1=4
	<b>30 अंक</b>

**खंड – घ (रचनात्मक लेखन)**

निबंध/अनुच्छेद –	5 अंक
पत्र लेखन –	5 अंक
सूचना लेखन (पाठ 8 से)/ डायरी/संवाद	5 अंक
	<b>15 अंक</b>

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**कुल योग 80**

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**संस्कृतम्      कक्षा – सप्तमी**  
प्रथम सत्रम्

अवधि – होरात्रयम्

पूर्णाङ्का – 80

उद्देश्यानि	अपठित अवबोधनम्	रचनात्मक कार्यम् चित्र वर्णनम्, पत्र लेखनम्	अनुप्रयुक्त व्याकरणम्	पठित अवबोधनम्	योगः
अङ्कानां	12.5 प्रतिशतम्	12.5 प्रतिशतम्	37.5 प्रतिशतम्	37.5 प्रतिशतम्	100 प्रतिशतम्
अंकाः	10	10	30	30	80

प्रश्नानां वर्गीकरणम्

प्रश्न प्रकाराः	दीर्घोत्तराणि	लघूत्तराणि 1	लघूत्तराणि 2	योगः
प्रश्न संख्या	8	8	16	32
अङ्का	27	7	46	80

विषयाधिभारः

1	खण्ड क अपठित अवबोधनम्	10
2	खण्ड ख रचनात्मक कार्यम्	10
3	खण्ड ग पठित अवबोधनम्	30
4	खण्ड घ अनुप्रयुक्त व्याकरणम्	30
योगः		80

कक्षा – सप्तमी

(संस्कृतम्)

**प्रथम चक्र मार्च/अप्रैल से सितम्बर 2018**

माह	पाठ्यक्रम (सुरभिः)	व्याकरणम्
मार्च 12 दिन	ईश्वर प्रार्थना तव महिमानं वन्दे	राम, लता, फल, नदी, साधु, अस्मद्/युस्मद्, भवत (पु./स्त्री.) किम्, सर्व पु./स्त्री./नपु.
अप्रैल 22 दिन	1. बुद्धिः एवं अस्माकं बलं 2. अभ्यासः एवं परमोगुरुः	धातुरूपाणि— भू, गम्, दृश, स्था, स्मृ, पठ्, अस् (पंचलकारेषु) सेव, लभ्, (लट्, लृट्)
जून 12 दिन	3. उपकारकाः वृक्षाः	अव्यय पदानि— एकदा, अधः, च, तदा, एव, कथम्, कदा, नीचैः, उपरि, अपि, अधुना
जुलाई 26 दिन	4. आगच्छ भोजनं कुर्याम	संधि— दीर्घ, गुण प्रत्यय — क्त्वा, ल्यप्, शतृ संख्या — 1 से 50
अगस्त 24 दिन	5. सुवचनानि 6. यस्य बुद्धिः तस्य बलम्	उपसर्ग—अनु., अव, अभि, आ, उत्, उप उपपदविभक्ति द्वितीया — अभितः, परितः, उभयतः, प्रति, विना तृतीया — अलम्, काणः बधिरः, सह, विना लिंगलकार परिवर्तन। समास — तत्पुरुष, द्वन्द्व, चित्रम्, पत्रम्, अपठित गद्यांश
सितम्बर 23 दिन	पुनरावृत्तिः	व्याकरणस्य पुनराभ्यासः

गतिविधियाँ—श्लोक उच्चारण एवं लेखन, वृक्षानाम् उपयोगिता, सन्तुलित भोजनम् नीतिवचनानि।

अंक विभाजन

1. अपठित गद्यांश	—	10
2. रचनात्मक कार्यम्		
क. चित्रवर्णनम्	—	5
ख. पत्रम्	—	5
3. पाठ्य पुस्तकात्		
क. पठित गद्यांश	—	5
ख. पठित श्लोकांश	—	5
ग. पठित संवाद	—	5
घ. श्लोकस्य अन्वयः	—	4
ङ. कथा क्रमाः	—	4
च. प्रश्न निर्माणं	—	4
छ. उचित मेलनं	—	3
4. व्याकरण आधारित प्रश्नाः		
क. शब्द रूपाणि	—	4
ख. धातु रूपाणि	—	4
ग. अव्यय पदानि	—	3
घ. संधि	—	3
ङ. संख्या	—	3
च. प्रत्यय	—	3
छ. उपसर्ग	—	3
ज. उपपद विभक्ति	—	4
झ. समास	—	3

द्वितीय सत्रम्

अवधि — होरात्रयम्

पूर्णाङ्का — 80

उद्देश्यानि	अपठित अवबोधनम्	रचनात्मक कार्यम् चित्र वर्णनम्, पत्र लेखनम्	अनुप्रयुक्त व्याकरणम्	पठित अवबोधनम्	योगः
अङ्कानां	12.5 प्रतिशतम्	12.5 प्रतिशतम्	37.5 प्रतिशतम्	37.5 प्रतिशतम्	100 प्रतिशतम्
अंकाः	10	10	30	30	80

प्रश्नाना वर्गीकरणम्

प्रश्न प्रकाराः	दीर्घोत्तराणि	लघूत्तराणि 1	लघूत्तराणि 2	योगः
प्रश्न संख्या	8	8	16	32
अङ्का	27	7	46	80

विषयाधिभारः

1	खण्ड क अपठित अवबोधनम्	10
2	खण्ड ख रचनात्मक कार्यम्	10
3	खण्ड ग पठित अवबोधनम्	30
4	खण्ड घ अनुप्रयुक्त व्याकरणम्	30
<b>योगः</b>		<b>80</b>

प्रथम सत्रतः 20 प्रतिशत (16 अंक)

द्वितीय पाठः – अभ्यासः एव परमोगुरु

व्याकरणम् – क. संधि – दीर्घ, गुण

ख. संख्या – 1 से 50

ग. उपसर्ग – अनु, अव, अभि, आ, उत्, उप

### द्वितीय चक्र अक्टूबर 2018 से फरवरी 2019

माह	पाठ्यक्रम (सुरभिः)	व्याकरणम्
अक्टूबर 20 दिन	7. बुद्धिः एव उत्तमा	शब्दरूपाणि— मुनि, मति, साधु, पितृ, मातृ, धेनु, नदी, तत् किम्, एतत् इदम् पु./स्त्री./नपु.
नवम्बर 18 दिन	8. अविवेकः परमापदां पदम्	धातुरूपाणि – दृश, स्था, त्यज,स्मृ, (लट् लृट्, लोट्, लङ्.) उपसर्ग – प्र,प्रति,वि,सम्,दुस,निस्
दिसम्बर 24 दिन	9. बुद्धिमान् गोपालकः	धातुरूपाणि – वद, नम् त्यज्, रच्, लिख्, पा, कृ, (पंचलकारे) सेव्, लभ्, (आत्मनेपदी) लङ्.लकारे) संधि – वृद्धि, यण्, संख्या – 51 से 100, प्रत्यय – क्त, क्तवतु, तुमुन्
जनवरी 25 दिन	10. मधुराणि वचनानि	समास—द्वन्द्व, अव्ययीभाव उपपद विभक्ति –चतुर्थी— रुच्, नमः, दा पंचमी – बहिः पृथक्, ऋतु, षष्ठी— उपरि, सप्तमी— स्निह्, विश्वस्, अव्यय— पुरा, ऋते, विना, नमः, एव एकदा, श्वः ह्य, अद्य, किमर्थम्, वर्णसंयोजनम्, वियोजनम्, चित्रण,पत्रम्, अपठित गद्यांशः
फरवरी 10 दिन	पाठानाम् पुनरावृत्तिः	व्याकरणस्य पुनराभ्यासः

गतिविधियाँ—श्लोक उच्चारण एवं लेखन, वृक्षानाम् उपयोगिता, सन्तुलित भोजनम् नीतिवचनानि।

अंक विभाजन

1.	अपठित गद्यांश	—	10
2.	रचनात्मक कार्यः		
	क. चित्रवर्णनम्	—	5
	ख. पत्रम्	—	5
3.	पाठ्य पुस्तकात्		
	क. पठित गद्यांश	—	5
	ख. पठित श्लोकांश	—	5
	ग. पठित संवाद	—	5
	घ. श्लोकस्य अन्वयः	—	4
	ङ कथा क्रमाः	—	4
	च. प्रश्न निर्माणं	—	4
	छ. उचित मेलनं	—	3
4.	व्याकरण आधारित प्रश्न		
	क. शब्द रूपाणि	—	4
	ख. धातु रूपाणि	—	4
	ग. अव्यय पदानि	—	3
	घ. संधि	—	3
	ङ संख्या	—	3
	च. प्रत्यय	—	3

छ. उपसर्ग	—	3
ज. उपपद विभक्ति	—	4
झ. समास	—	3

## MATHEMATICS (Class - VII)

The syllabus has been divided into two parts one for the first term and the other for the second term.

Unit	Term - I	
	No. of Periods	Marks allotted
1. Rational Number	12	11
2. Operations on Rational Numbers	16	14
3. Rational Numbers as Decimals	10	09
4. Exponents and powers	20	14
8. Triangle and Its properties	10	12
9. Congruent Triangles	10	08
12. Data Handling	06	12
<b>Total</b>	<b>84</b>	<b>80</b>

### Term - II

Unit	No. of Periods	Marks allotted
5. Application of Percentage	13	10
6. Algebraic Expression	18	10
7. Linear Equation in one variable	10	11
10. Construction of Triangle	08	07
11. Perimeter and Area	18	12
13. Symmetry	06	07
14. Visualising solids	05	07
4. Exponents and powers (Term - I)		06
8. Triangle and its properties (Term - I)		05
9. Congruent Triangles (Term - I)		05
<b>Total</b>	<b>78</b>	<b>80</b>

1. Weightage to learning objective:

Objective	Understanding	Knowledge	Application	HOTS	MD	Skill	Total
Marks	28	12	13	9	9	9	80

2. Weightage to form of questions:

Form of questions	VSA (1 mark)	SA II (2 marks)	SA I (3 marks)	LA (4 marks)	Total
Number of questions	6	6	10	8	30
Marks	6	12	30	32	80

20 marks are allotted for internal assessment for each term.

**CLASS - VII SUB - MATHEMATICS**  
**Name Of The Book – Secondary Mathematics**

**TERM - I**

S.N.	MONTH	UNITS/TOPICS
1	MAR	UNIT -1 Rational Numbers
2	APR	UNIT -2 Operations on rational Numbers UNIT- 3 Rational Numbers as decimals
3	JUNE	UNIT- 4 Exponents & Powers
4	JULY	UNIT- 4 Exponents & Powers (cont.) UNIT- 8 The triangles and its properties
5	AUG	UNIT- 9 Congruent Triangles UNIT- 12 Data Handling
6	SEPT	UNIT-12 Data Handling (Cont.) (Revision)+SA-1 EXAM.

**ACTIVITIES :**

1. Representation of rational numbers on the number line
2. Angle sum property of a triangle (by paper cuttings)
3. Exterior angle property of a triangle.
4. To show the centroid, orthocenter circumcentre & Incentre by paper folding.

**TERM-II**

	MONTH	UNITS/ TOPIC
7	OCT	UNIT- 5 Application of Percentage UNIT- 6 Algebraic Expressions
8	NOV	UNIT- 6 Algebraic Expressions(cont.) UNIT- 7 Linear Equations in one variable
9	DEC	UNIT- 10 Construction of triangles UNIT- 11 Perimeter and Area
10	JAN	UNIT-13 Symmetry UNIT- 14 Visualising Solids
11	FEB	<b>(Revision) +Exam SA- II</b>

**ACTIVITIES:**

1. To verify  $(a+b)^2 = a^2+2ab+b^2$  (using colour paper)
2. To find circumference of a circle.
3. To make any three symmetrical paper cutting design
5. Collection of data any five and draw the graph.
4. To show the 3-dimensional shapes and its faces, edges and vertices of solids.
5. To prepare the nets of 3-dimentional shapes.

FIRST TERM : March /April 2018 to September 2018					
Month	No. of Working Days	Unit/Topic	Total Marks	Suggested Activities	Periods
March	12	1. Nutrition in living organisms - plants	10	<u>Observation and inference</u> - 1. Observe stomata on lower/upper surface of a leaf. 2. To study Functioning of stomata on applying a layer of Vaseline on the surfaces of leaf. 3. To Study Symbiotic association in lichens/legume. 4. compose poem on the utility of plants.	10
April	22	2. Nutrition in living organisms - animals & man	11	1. Digestive property of saliva (experimental design) 2. Use clay/ woollen thread to make model showing nutrition in amoeba. 3. Demonstration of neutralization and displacement reactions. 4. Assign a particular organ of the digestive system of human to each student and ask them to enact the role of it.	10
		3. Chemical substances & processes	10		10
June	12	4. Acid, Bases and Salt	11	1. Testing of acids and bases commonly found in our house hold items with the help of various indicators. 2. Painting by using soap solution on a chart paper coated with turmeric. 3. Preparation of electrolyte and to demonstrate that it conducts electricity. 4. To test acidic basic and neutral salt using litmus paper.	10
July	26	5. Heat	10	1. Activity to show conduction, convection and radiation. 2. Measure the temperature of ice, boiled water, human body using thermometer. 3. Comparison of clinical and laboratory thermometer. 4. To show that black objects absorb more heat. 5. Demonstrate time period using a simple pendulum. 6. Measure the speed of various objects ( pencil, toy car, plastic ball ) kept at inclined plane.	10
		6. Motion and time	9		10
Aug	24	7. Respiration in Organisms	11	1. Demonstrate & observe anaerobic respiration in yeast through house hold activity.	12
		8. Transportation	8		12



		in plants and animals		2. Working model showing breathing mechanism. 3. Demonstration of water transportation in plants using white flowers. 4. To observe the fermentation process in batter of idli or dhokla preparation .	
Sept	23	Revision Exam			

SECOND TERM: October 2018 to February 2019

Oct	20	9. Reproduction in plants. 10. Soil	8	1) Spore formation in bread mould 2) Different modes of vegetative propagation through sampling and chart. 3) Difference between unisexual and bisexual flowers through collection of samples. 4) Collect different seeds to show modes of dispersal 5) To collect different types of soil to study their properties. 6) Demonstrate plasticity and cohesion property of soil of different types. 7) Making model of soil profile.	10
			7		10
Nov	18	11. Electric charges at rest 12. Light	8	1) To demonstrate attraction of unlike charges and repulsion of like charges. 2) To classify house hold materials into conductors and insulator. 3) To demonstrate the property of image formed by a plane mirror. 4) To make a kaleidoscope 5) To demonstrate the law of reflection of light.	8
			8		10
Dec	24	13. Weather, Climate & adaptation of animals to climate 14. Fabric from fibre 15. forest	8	1) To collect weather report from newspaper and stick in scrap book 2) Debate on "Boiling of cocoons is cruelty towards them". 3) Make a list of wild life sanctuaries and national park in India. 4) Find out the names of different breeds of sheep and the places where they are found. 5) Make a list of 5-10 wildlife sanctuaries in India and locate	8
			5		8
			7		8

				them on the map.	
Jan	25	16. Water	5	1) Role play – Save water,	10
		17. Electric current and its effects	8	2) Model of rain water harvesting. 3) To make an electromagnet and study the factors that affect its strength. 4) To study the heating effect in Nichrome wire. 5) Make simple electric circuits in series and parallel.	10
Feb	12	Revision + Exam			

Weightage to form of questions: Term – I

S. No.	Form of question	Marks for each question	No. of questions	Total marks
1.	One word answer	01	1x4 (Parts)	04
2.	Fill in the blanks	01	1x4 (parts)	04
3.	Choose the correct option	01	1x4 (parts)	04
4.	Very short answer Type I (VSA I)	01	1x4 (parts)	04
5.	Very short answers Type II (VSA II)	02	10	20
6.	Short answer (SA)	03	08	24
7.	Long answer	05	04	20
			26 Questions	80 Marks

## Syllabus of Term – I

Weightage to content/subject units

Unit/Topic	Marks	%age
Chapter - 1 Nutrition in Living organisms - Plants	10	12.50
Chapter - 2 Nutrition in Living organisms - Animals and Man	11	13.75
Chapter - 3 Chemical Substances and processes	10	12.50
Chapter - 4 Acids, Bases and Salts	11	13.75
Chapter - 5 Heat	10	12.50
Chapter - 6 Motion and Time	9	11.25
Chapter - 7 Respiration in Organisms	11	13.75
Chapter - 8 Transportation in Plants and Animals	8	10
Total	80	100

## Syllabus of Term - II

Weightage to content/subject units

Unit/Topic	Marks	%age
Chapter - 3 Chemical substances and processes (From 1 <sup>st</sup> term)	8	10
Chapter - 5 Heat (From 1 <sup>st</sup> Term)	8	10
	} 16	} 20%
Chapter - 9 Reproduction in plants	8	10
Chapter - 10 Soil	7	8.75
Chapter - 11 Electric Charges at Rest	8	10
Chapter - 12 Light	8	10
Chapter - 13 Weather, Climate and Adaptation of Animals	8	10
Chapter - 14 Fabric from Fibre	5	6.25
Chapter - 15 Forests	7	8.75
Chapter - 16 Water	5	6.25
Chapter - 17 Electric current and its Effects	8	10
<b>Total</b>	<b>80</b>	<b>100</b>

1<sup>st</sup> Term

Month	Chapter Topic	Suggestion Activities
March (12 days)	1. Components of Environment  9. Medieval Period	Prepare a coloured diagram showing different spheres of environment. Map work showing National Park.
April (22 days)	2. The Earth & the changes on it.  10. The Rise of small kingdoms in North India  18. Democracy and Equality	Collect pictures of various features formed by agents of gradation and weathering. Make a model of any great monument of North India e.g. Lingraj Temple, Konark Temple and Khajuraho Temple. Group discussion Topic – Social inequality and its impacts and measures to remove it.
June (11 days)	19. Our State Government	Debate- Topic – Is there a need to have Vidhan Parishad?
July (24 days)	3. The Surface and interior of the Earth  11. Rise of small kingdoms in South India  20. Media The Mainstay of Democracy	Make a model of the Earth's interior showing its major layers. Find out the differences in the temple architecture of North & South India. Group discussion – The role of Television influencing public opinion.
August (24 days)	4. The Air around us  12. Turkish invasion in North India 13. Delhi Sultanate	Collect the weather report of last week from the News Paper. Power point presentation – Topic – The Rajput King Prithviraj Chauhan
September (23 days)	Revision Term – I	

Term – II

Marks weightage of the chapters from Term – I (20) Total marks = 16

Chapter	Name of Chapter
Chapter – 4	Air Around Us
Chapter – 12	Turkish inventions in North India
Chapter – 19	Our State Government

**2<sup>nd</sup> Term**

Month	Chapter Topic	Suggestion Activities
October(20 days)	5. Water surrounding the Earth  14. Regional Power  21. Advertising and Democracy	Collect the pictures of different marine resources present in the ocean. Prepare on administrative flow chart of Vijay Nagar rulers. Make on advertisement to create awareness about literacy and health
November (18 days)	6. Life on the Earth  15. The Mughal Empire	Collect of the endangered plants and animals. Make a collage of Mughal architectural delights.
December (24 days)	7. Human Environment  16. Emergence of independent states 22. Unpacking gender	Group discussion impact of internet Role play of Shivjee, Tipu Sultan, Raja Ranjeet Singh Collect information with photographs of five eminent women personalities of India
January (25 days)	8. Land & the people  17. Major religions  23. Market around us	Collect information on the life style of the farmers of Sunderban delta. Write an essay on communal harmony (150 words) Find information about new schemes launched by the government for the benefit of the poor.
February	Revision Chapter 4, 12, & 19 of Term – I & All the chapter of Term- II	

1. Weightage to form of questions:

Form Questions	Marks of each question	No. of question their serial number	Total marks
Very short answer (VSA)	1	S. No. 1 to 10 (10)	10
Short answer (SA)	3	S. No. 11 to 20 (10)	30
Long answer (LA)	5	S. No. 21 to 27 (7)	35
Map question	3+2	S. No. 28	5
Total			80
Internal Assessment 20 Marks			20
Total		28	100

2. Unit wise division of questions:

Unit No. & Subject	Marks	VSA(1) mark questions	SA(3)	LA (5)	Map	Total
1. Our Environment	27	3	12	10	2	27
2. Our Past	27	2	12	10	3	27
3. Changing face of Indian Democracy	26	5	6	15	-	26
Total	80	10	30	35	5	80

3. Weightage to difficulty level:

- a) Recalling : 20%
- b) Understanding : 40%
- c) Applying : 40%

Our Environment

Term - I

Total mark 27

Chapter	Name of Chapter	Marks
Chapter - 1	Components of Environment	6
Chapter - 2	Earth and the changes on it	8
Chapter - 3	The Surface and the interior of the earth	7
Chapter - 4	Air Around Us	6

Our Past

Total mark 27

Chapter	Name of Chapter	Marks
Chapter - 9	Medieval period	2
Chapter - 10	Rise of small kingdoms in North India	7
Chapter - 11	Rise of small kingdoms in South India	6
Chapter - 12	Turkish inventions in North India	3
Chapter - 13	Delhi Sultanate	9

Changing Face of Indian Democracy

Total mark 26

Chapter	Name of Chapter	Marks
Chapter - 18	Democracy and Equality	9
Chapter - 19	Our State Governments	8
Chapter - 20	Media : The Mainstay of Democracy	9

Term - II

Marks weightage of the chapters from Term - I (20%) total marks: 16

Chapter	Name of Chapter	Marks
Chapter - 4	Air around us	6
Chapter - 12	Turkish inventions in North India	5
Chapter - 19	Our State Governments	5

Marks weightage of the chapters for Term - II Full Course: 64 Marks

Our Environment

21 marks

Chapter	Name of Chapter	Marks
Chapter - 5	Water surrounding the earth	4
Chapter - 6	Life on the Earth	4
Chapter - 7	Human Environment	8
Chapter - 8	Land and the people	5

Our Past

22 marks

Chapter	Name of Chapter	Marks
Chapter - 14	Regional Powers	7
Chapter - 15	The Mughal Empire	7
Chapter - 16	Emergence of independent states	4
Chapter - 17	Major Religion	4

Changing Face of Indian Democracy

21 marks

<b>Chapter</b>	<b>Name of Chapter</b>	<b>Marks</b>
Chapter - 21	Advertising and Democracy	7
Chapter - 22	Unpacking Gender	9
Chapter - 23	Markets Around Us	5



कक्षा सातवीं

विषय नैतिक शिक्षा

प्रथम सत्र मार्च 2018 से सितंबर 2018

माह	कार्य दिवस	पाठ का नाम	अंक 50
मार्च	12	1. ईश स्तुति: सत्ता तुम्हारी भगवन 2. धर्म के लक्षण	3 5
अप्रैल	22	3. आर्य समाज के नियम (3 से 6) 4. अभियान गीत: धरम बांसुरी तू बजाए	5 3
जून	12	5. व्यायाम	5
जुलाई	26	6. प्रातः उठने के लाभ 7. उद्बोधन गीत – उठ जाग मुसाफिर 8. सत्संग का महत्व	5 4 5
अगस्त	24	9. योग और उसके अंग 10. ईश विनय – आनंद रूप भगवन 11. स्वामी श्रध्दानंद	6 4 5
सितंबर	23	पुनरावृत्ति, प्रथम सत्रीय परीक्षा	

द्वितीय सत्र अक्टूबर 2018 से फरवरी 2019

(प्रथम सत्र से 20 प्रतिशत 10 अंक)

पाठ – 5 व्यायाम

पाठ – 8 सत्संग का महत्व

द्वितीय सत्र 80 प्रतिशत 40 अंक

माह	कार्य दिवस	पाठ का नाम	अंक 40
अक्टूबर	20	12. महात्मा हंसराज 13. स्वामी दर्शनानंद 14. आर्य पथिक पंडित लेखराम	5 5 3
नवंबर	18	15. उद्घोष – हम दयानंद के सैनिक 16. मेरा देश	3 5
दिसंबर	24	17. रोगी कौन नहीं? 18. अंधविश्वास का फल 19. अटल प्रीति – तुम हो प्रभु चांद	5 5 4
जनवरी	25	20. हमारे पर्व 21. संध्या तथा दैनिक हवन के मंत्र 22. यज्ञ की आरती तथा शांति पाठ	5
फरवरी	10	पुनरावृत्ति एवं वार्षिक परीक्षा	