



COMMON TEACHING SCHEME

# STEWART SCHOOLS

SESSION 2020-2021

## **Syllabus for Class VII**

**Note :** The Current Academic year is divided into two Semesters. There will be one Unit Assessment and a Half-Yearly Examination in the First Term and one Unit Assessment and an Annual Examination in the Second Term. There would be Activity and Project in both Semesters which would also carry marks. Dates of the assessment are liable to change depending upon the prevailing situation.

### **TENTATIVE PROGRAMME OF DIFFERENT ASSESSMENT AND EXAMINATIONS FOR 2020-2021**

1st Unit Assessment	: July - August, 2020
2nd Unit Assessment	: November / December, 2020
Half-Yearly Examination	: September, 2020
Annual Examination	: February, 2021

*Published by*

### **DIOCESAN BOARD OF EDUCATION**

Diocese of Cuttack, Church of North India. Bishop's House, Mission Road,  
Cuttack - 753 001, Odisha.



## ***Pledge***

*India is my Country and  
All Indians are my brothers and sisters.*

*I love my Country and  
I am proud of its rich and varied  
heritage. I shall always strive to be  
worthy of it. I shall give my parents,  
teachers and all elders respect,  
And treat everyone with Courtesy  
To my Country and to my people.*

*I pledge my devotion  
In their well-being and prosperity alone  
lies my happiness.*

**- Jai Hind**

## **Class - VII**

### **ORDER OF SUBJECTS**

<b>Sl.No.</b>	<b>Subjects</b>	<b>Pages</b>
<b>1.</b>	<b>(A) ENGLISH I (LANGUAGE)</b>	
	<b>(B) ENGLISH II (LITERATURE)</b>	
<b>2.</b>	<b>ODIA</b>	
<b>3.</b>	<b>HINDI</b>	
<b>4.</b>	<b>HISTORY &amp; CIVICS</b>	
<b>5.</b>	<b>GEOGRAPHY</b>	
<b>6.</b>	<b>MATHEMATICS</b>	
<b>7.</b>	<b>PHYSICS</b>	
<b>8.</b>	<b>CHEMISTRY</b>	
<b>9.</b>	<b>BIOLOGY</b>	
<b>10.</b>	<b>COMPUTER</b>	

**SCHEME OF LESSONS FOR THE SESSION 2020-2021**  
**Syllabus-Class-VII-English Language**

Prescribed Book- Grammar Success with Composition Book-7  
Publisher-Goyal Brothers Prakashan

**TERM-I [April-September]**

<b><u>Topics</u></b>	<b><u>Written work</u></b>	<b><u>Activities/Project</u></b>
Ch-3 - Modal verbs Ch-6 - Use of Articles Ch-7 - Phrases and sentences Ch-9 - Question Tags Ch-8 - Framing Questions Ch-10 - Relative Pronouns Ch-11 - Adverbs Ch-23 - Active and passive voice	Essay- Narrative, Imaginative & Descriptive. Letters- Informal letters & Applications Comprehension	1.project on Letter Writing (Different Formats) 2. Story writing

1st Unit Test Portion-(April to July) Chapters 6,9,10 and narrative Composition

Half-Yearly Exam Portion-  
Essay-Narrative and Descriptive  
Letter Writing-Informal and Applications,  
Grammar-Ch -3, 4, 6, 7, 8, 9, 10, 11 and 23

**TERM-II [October to February]**

<b>Topics</b>	<b>Written work</b>	<b>Activities</b>
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2nd Unit Test Portion- (August to November)-Ch-13, 14, 15, 16 and 21 and letter writing

Annual Exam portion –  
Essay-Descriptive and Imaginative  
Letter Writing-Informal, Formal and Application  
Comprehension-Unknown  
Grammar-Ch-13, 14, 15, 16, 18, 21, 22 and 24

<b>Sl. No</b>	<b>Type of Question</b>	<b>Marks x number of questions</b>	<b>Total Marks</b>
<b>1</b>	<b>Composition Writing</b>	<b>20</b>	<b>20</b>
<b>2</b>	<b>Letter Writing</b>	<b>10</b>	<b>10</b>
<b>3</b>	<b>Comprehension</b>		
	a-5 Short questions (each 2 marks)	2x5	10
	b-3 questions “word meaning” (each 1 mark)	1x3	3
	c-3 questions on make sentence (each 1 mark)	1x3	3
	d-4 questions on ‘which word in the text means the same; (each 1 mark	1x4	4
<b>4</b>	<b>Functional grammar, structure, usage of the language</b>	<b>30</b>	<b>30</b>

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## SCHEME OF LESSON FOR THE SESSION – 2020-2021

### English Literature

Class: VII

Prescribed Book: Engaging English book 7

Publisher: Collins

Team 1 (April to September)

<u>Month</u>	<u>Topics</u>	<u>Written Work</u>	<u>Activities</u>
<b><u>PROSE</u></b>			
<b>April to September</b>	Ch 1 – Looking for Vulture’s Egg	Answer to comprehension questions and extract questions  Vocabulary Exercise Home assignments, Extract answers, Meaning of difficult words	1. Loud reading of the stories in groups of five (Reading School) 2. Recitation of the poem with expression (speaking skill) 3. Diary Writing 4. Declamation 5. Profile Writing
	Ch 3 – Three Questions		
	Ch 7 – The Homecoming Ch 9 – Grandpa Learns to Read and Write		
<b><u>POEM</u></b>			
<b>April to September</b>	Ch 2 – The School Boy		
	Ch 4 – Coromandal Fishers Ch 6 – The Lady of Shalott		
1 <sup>st</sup> Unit test – Ch- 1,2,3			

Team 2 (October to February)

<u>Month</u>	<u>Topics</u>	<u>Written Work</u>	<u>Activities</u>
<u>PROSE</u>			
<u>October to January</u>	Ch 12 – Dares salaam to Nairobi	Extract Questions and questions on general comprehension. Word meaning and make sentences with the given words.  Home assignments, extract questions and their answers, word meanings, fill in the blanks	1. Summary Writing 2. Write a poem on any other animal 3. Paragraph writing on friendship.
	Ch 13 – The Invisible Man Ch 15 – The Model Millionaire Ch – 18 - Unbreakable		
<u>POEM</u>			
<u>October to January</u>	Ch 10 – Travel		
	Ch 14 – Have you got Brook in your Heart Ch 16 – The Human Seasons		
2 <sup>nd</sup> Unit test – Ch- 10, 11, 13			

1<sup>st</sup> Unit Test – 20 marks

1<sup>st</sup> Term Project/ Activity – 20 marks

Average 20 marks

2<sup>nd</sup> Unit Test – 20 marks

2<sup>nd</sup> Term Project/Activity – 20 marks

Average 20 marks

Distribution of marks with respect to pattern of questions for annual (SA – II)  
Examinations

Sl. No.	Types of Questions	Marks x No. of Questions	Total marks
1	Section A 3 Prose Extracts (each extract consists of 5 questions each of 2 marks)	3 x (2 x 5)	30
2	Section B 2 Poem Extracts (Each extract consists of 5 questions each of 2 marks)	2 x (2 x 5)	20
3	Section C 5 General Questions from the text (each of 4 marks)	4 x 5	20
4	Meanings of difficult words and phrases	1 x 10	10



# SCHEME OF LESSONS FOR THE SESSION - 2020 - 2021

## SYLLABUS - CLASS - VII

SESSION - 2020 - 2021

### ODIA

Books Recommended - ସାହିତ୍ୟ ସୋପାନ  
Publisher - ଜ୍ଞାନ ମନ୍ଦିର ପ୍ରକାଶନ

#### TERM - I (MARCH TO SEPTEMBER)

Months	Topics	Activities / Project
March – April	Lesson – 1 ମୋ ଜନ୍ମଭୂମି Lesson – 2 ନ୍ୟାୟ ବିଚାର	ରଚନା 1. ଭ୍ରମଣର ଉପକାରିତା
June – July	Lesson – 3 କାଳିଜାଈରେ ସଂନ୍ଧ୍ୟା Lesson – 4 ଜାପାନ ଅନୁଭୂତି	2. ବିଜ୍ଞାନର ଆଶୀର୍ବାଦ 3. ବର୍ଷାରତ୍ନ
August - September	Lesson – 5 ସ୍ବାଧୀନ ଦେଶର ସନ୍ତାନ Lesson – 6 ମାଆର ମମତା	4. ସ୍ବଚ୍ଛତାର ପ୍ରଭାବ

#### 1ST UNIT TEST PORTION :

Lesson – 1 : ମୋ ଜନ୍ମଭୂମି Lesson - 2 : ନ୍ୟାୟ ବିଚାର

#### REVISION AND HALF-YEARLY EXAMINATION : All the above Lessons

#### TERM – II (OCTOBER TO FEBRUARY)

Months	Topics	Activities / Project
October - November	Lesson – 7 ନଇଁଗଲା ଆପେ ମଥା Lesson – 8 ପୁଅ ମୁଣ୍ଡ ଉପରେ ସେଓ Lesson – 9 ସବୁଠାରୁ ବଡ଼ କିଏ ?	1. ବିଭିନ୍ନ ଦେଶପ୍ରେମୀ ନାୟକମାନଙ୍କ ଉପରେ ବହୁତା ପ୍ରତିଯୋଗୀତା । 2. ଆଦର୍ଶ ନାଗରିକତାର ସମାଜ ଉପରେ ପ୍ରଭାବ ।
December, January & February	Lesson – 10 ରାଜା ପରି ରାଜା Lesson – 11 ବାଜି ରାଉତ Lesson – 12 ଉପାର୍ଜିତ ଧନ	3. ଦେଖୁଥିବା ଏକ ମେଳା 4. ଗୁରୁ ଦିବସ

#### 2ND UNIT TEST PORTION :

Lesson – 7 : ନଇଁଗଲା ଆପେ ମଥା Lesson - 8 : ପୁଅ ମୁଣ୍ଡ ଉପରେ ସେଓ

#### PORTION FOR ANNUAL EXAMINATION - LESSON : 7 to 12

## SCHEME OF LESSONS FOR THE SESSION - 2020 - 2021

1st Unit Test	(20 Marks)	}	Average - 20 Marks
1st Term Activity / Project	(20 Marks)		
2nd Unit Test	(20 Marks)	}	Average - 20 Marks
2nd Term Activity / Project	(20 Marks)		

### DISTRIBUTION OF MARKS WITH RESPECT TO PATTERN OF QUESTIONS FOR HALF YEARLY (SA - I) & ANNUAL (SA - II) EXAMINATION

Sl. No.	Types of Question
1.	ଶୂନ୍ୟସ୍ଥାନ ପୂରଣ କର । (ପ୍ରତ୍ୟେକ ୧ ନମ୍ବର ବିଶିଷ୍ଟ)
2.	ବାକ୍ୟଗଠନ କର । (ପ୍ରତ୍ୟେକ ୧ ନମ୍ବର ବିଶିଷ୍ଟ)
3.	ପ୍ରତିଶବ୍ଦ (ଦୁଇଟି ଲେଖାଏଁ) । (ପ୍ରତ୍ୟେକ ୧ ନମ୍ବର ବିଶିଷ୍ଟ)
4.	ବିପରୀତ ଶବ୍ଦ । (ପ୍ରତ୍ୟେକ ୧/୨ ନମ୍ବର ବିଶିଷ୍ଟ)
5.	ଶବ୍ଦାର୍ଥ । (ପ୍ରତ୍ୟେକ ୧/୨ ନମ୍ବର ବିଶିଷ୍ଟ)
6.	ଏକ ପଦରେ ପ୍ରକାଶ କର । (ପ୍ରତ୍ୟେକ ୧ ନମ୍ବର ବିଶିଷ୍ଟ)
7.	କିଏ କାହାକୁ କହିଥିଲେ । (ପ୍ରତ୍ୟେକ ୧ ନମ୍ବର ବିଶିଷ୍ଟ)
8.	ଠିକ୍ ବନାନ୍ ଥିବା ଶବ୍ଦଟିକୁ ବାଛି ଲେଖ । (ପ୍ରତ୍ୟେକ ୧/୨ ନମ୍ବର ବିଶିଷ୍ଟ)
9.	ଉପାଧି ସହିତ ମହାପୁରୁଷଙ୍କ ନାମ ଲେଖ । (ପ୍ରତ୍ୟେକ ୧ ନମ୍ବର ବିଶିଷ୍ଟ)
10.	ଗଦ୍ୟରୂପ । (ପ୍ରତ୍ୟେକ ୧/୨ ନମ୍ବର ବିଶିଷ୍ଟ)
11.	ରଚନା । (ପ୍ରତ୍ୟେକ ୧୦ ନମ୍ବର ବିଶିଷ୍ଟ)
12.	ବୋଧଜ୍ଞାନ । (ପ୍ରତ୍ୟେକ ୨ ନମ୍ବର ବିଶିଷ୍ଟ)
13.	ପ୍ରଶ୍ନ ଉତ୍ତର । (ପ୍ରତ୍ୟେକ ୨ ନମ୍ବର ବିଶିଷ୍ଟ)

SCHEME OF LESSONS FOR SESSION – 2020-21

SYLLABUS - CLASS-VII

SESSION -2020-21

HINDI

Books Recommend-1.नूतन सरल हिंदी माला-7 गोयल ब्रदर्स द्वारा प्रकाशित भाग-A टर्म -1

भाग-B टर्म -II

2. नवीन हिंदी व्यावहारिक व्याकरण तथा रचना-6 भाग-A टर्म-1

भाग-B टर्म-II

Term 1 (APRIL TO SEPTEMBER)

पाठ-1. सतकर्तव्य 3. समयनियोजन 4. दीपदान 6. ऊँचाई 10. नीति के दोहे

व्याकरण-पाठ 12. (क) पर्यायवाची शब्द (ख) विलोमशब्द पाठ-9 लिंग परिवर्तन पाठ-10 वचन परिवर्तन ,भाववाचक संज्ञा

निबंध लेखन: व्यायाम के लाभ, भारत देश का विकास, वर्षा ऋतु

पत्र लेखन- अपने विद्यालय के पुस्तकालय के विषय में बताते हुए मित्र/ सहेली पत्र लिखिए।

आपसे कक्षा की खिड़की का शीशा टूट गया है। क्षमा-याचना करते हुए प्रधानाचार्य को पत्र लिखिए।

Activity/project—देशात्मबोधक कविता संग्रह एवं लेख

Unit Test Portion-1. सतकर्तव्य 3. समयनियोजन व्याकरण – विलोमशब्द , पर्यायवाची शब्द

Portion for Halfyearly Exam

सतकर्तव्य, समयनियोजन, दीपदान, ऊँचाई, नीति के दोहे

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व्याकरण: विलोमशब्द, पर्यायवाची शब्द, लिंग परिवर्तन, भाववाचक संज्ञा, वचन- परिवर्तन

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निबंध लेखन- वर्षा ऋतु, व्यायाम के लाभ, पर्यावरण संरक्षण

पत्र लेखन- अपने विद्यालय के पुस्तकालय के विषय में बताते हुए मित्र / सहेली को पत्र लिखिए।

आपसे कक्षा की खिड़की का शीशा टूट गया है, क्षमा-याचना करते हुए प्रधानाचार्य को पत्र लिखिए।

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TERM-II (OCTOBER TO MARCH)

नूतन हिंदी पाठमाला 7 भाग-B टर्म-II

11.कामचोर 12.सौर ऊर्जा:कल की ऊर्जा 13.ओलंपिक खेल 15.प्रणति (कविता) 18.बाललीला 19.सच्चा तीर्थयात्री

व्याकरण – विलोम शब्द, पर्यायवाची शब्द (पाठ्य पुस्तक में दिए गए अभ्यास कार्य) विशेषण, अनेक शब्दों के लिए एक शब्द, शुद्ध-अशुद्ध

Activity/project- (निबंध लेखन) विद्यार्थी जीवन, पर्यावरण और हम, प्रातः भ्रमण की उपकृति

पत्र लेखन- शुल्क माफी के लिए प्रधानाचार्य को प्रार्थना पत्र लिखिए।

जन्मदिन पर बधाई देने के लिए मित्र को पत्र लिखिए।

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2nd Unit Test Portion: ch 11. कामचोर 12.सौर ऊर्जा:कल की ऊर्जा व्याकरण-विशेषण, पर्यायवाची

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Portion for 2<sup>nd</sup> Term

पाठ-11,12,13,15,18,19

व्याकरण-विशेषण, अनेक शब्दों के लिए एक शब्द, शुद्ध-अशुद्ध, निबंध लेखन, पत्र लेखन

1<sup>st</sup> Unit Test -20marks } Average-20 marks

1<sup>st</sup> Term Activity/project -20marks }

2<sup>nd</sup> Unit Test-20marks } Average- 20 marks

2<sup>nd</sup> Term Activity/Project }

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DISTRIBUTION OF MARKS WITH RESPECT TO PATTERN OF QUESTIONS FOR

HALFYEARLY & ANNUAL EXAMINATION

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Sl.No	Types Of Questions.	Marks x no. of Questions	Total marks
1.	प्रश्नोत्तर(किन्ही 10 प्रश्नों के उत्तर दीजिये)	3x10	30
2.	शब्दार्थ(किन्ही 10 शब्दों के अर्थ लिखिए)	1x10	10
3.	व्याकरण(पर्यायवाची, विलोमशब्द,लिंग,वचन,भाववाचक संज्ञा)	1x20	20
[First Term]			
व्याकरण (पर्यायवाची, विलोम,विशेषण, अनेक शब्दों के लिये एक शब्द,शुद्ध-अशुद्ध)			
[Second Term]			
4.	पत्र लेखन (किन्ही 1 प्रश्न के उत्तर दीजिये)	1x8	8
5.	निबंध लेखन (किन्ही 1 प्रश्न के उत्तर दीजिये)	1x12	12

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**SCHEME OF LESSONS FOR THE SESSION 2020-2021**  
**SYLLABUS- CLASS-VII**  
**SESSION – 2020-2021**  
**HISTORY & CIVICS**

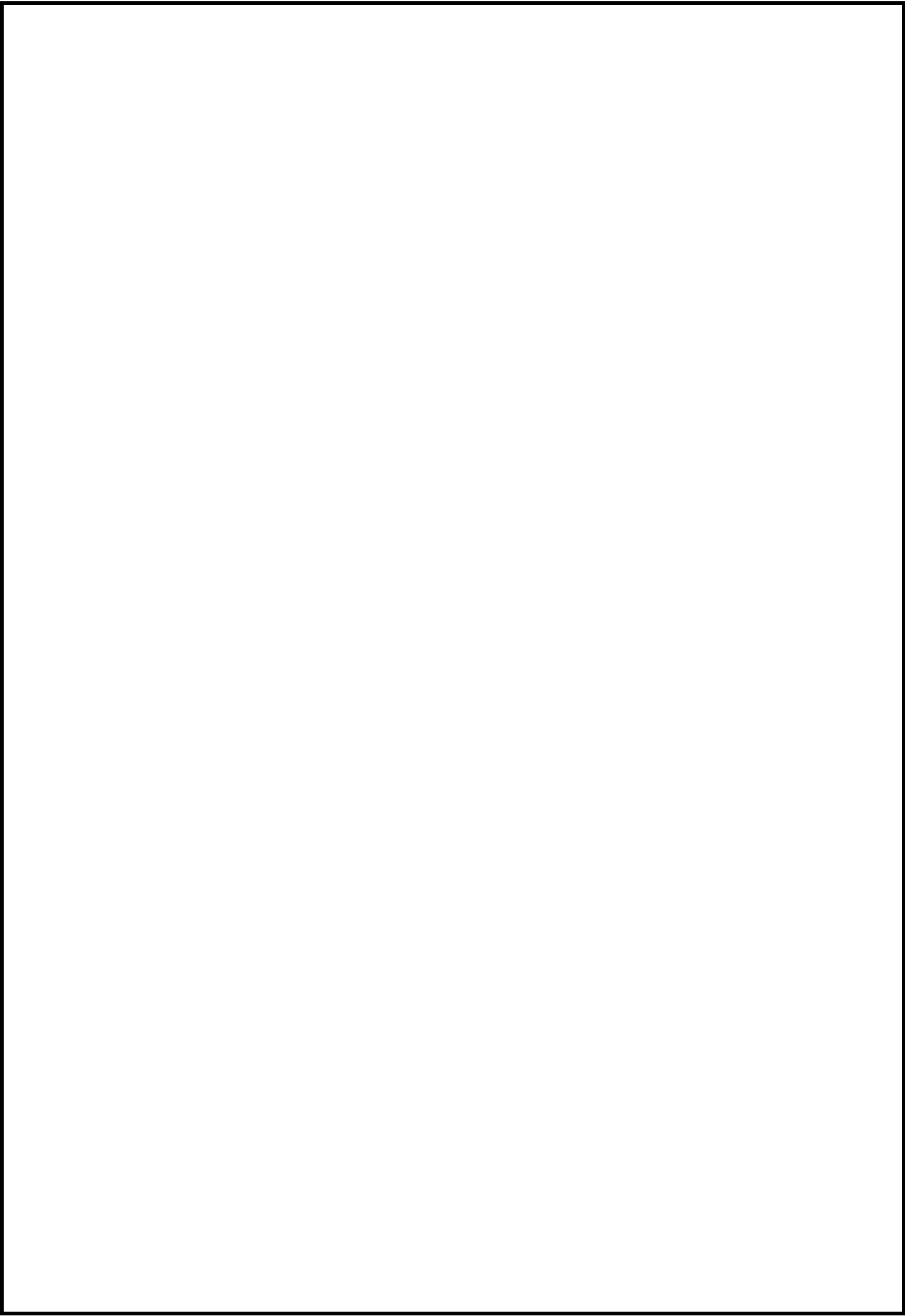
Book Recommended - Effective History and Civics Class-VII  
 Prescribed Book - Beeta Publications

<b>TERM-I (APRIL TO SEPTEMBER)</b>		
<b>Topics</b>	<b>Written work</b>	<b>Activities/Project</b>
<b><u>History</u></b> 1. Medieval Europe-Rise of Christianity 2. Spread of Christianity 3. Rise and Spread of Islam 4. The Turkish Invasions 5. The Delhi Sultanate 6. The Khaljis and the Tughlaqs <b><u>Civics</u></b> 1. The Constitution of India.	Question and Answers, Fill in the blanks Name the following words to know.	1. To write down the opening words "The Preamble" 2. Time line to prepared on the Delhi Sultanate. 3. To make a list of Prime Ministers & Presidents of India since Independence
<b>First Unit Test Portion-Ch-1&amp;2 (History) &amp; Ch-1 Civics</b>		
<b>TERM –II (OCTOBER TO FEBRUARY)</b>		
<b>Topics</b>	<b>Written work</b>	<b>Activities/Project</b>
<b><u>History</u></b> 7. Administrative & Art & Architecture under the Delhi Sultanate. 9. The Mughal Empire 10. Akbar and his times 11. Successors of Akbar 12. Making of Composite Culture. <b><u>Civics</u></b> 2. Directive Principle of State Policy	Question and Answer Fill in the blanks Name the following words to know	1. Organizing a Mock Parliament 2. To prepare a Time line of the Mughals. 3.. Point out five areas where Fundamental Rights are violated. 4. Paste 2 pictures of Bhakti or Sufi saints. Write 5 lines about their lives and teachings.
<b>Second Unit Test Portion-Ch-7 ad 9 (History) &amp; Ch-2 (Civics)</b>		
<b>NB- Chapter 12 will be done as an Activity only.</b>		
<b>1<sup>st</sup> Unit Test -20 marks</b> <b>1<sup>st</sup> Term Project/Activity – 20 marks</b>	} <b>Average – 20 marks</b>	
<b>2<sup>nd</sup> Unit Test – 20 marks</b> <b>2<sup>nd</sup> Term Project/Activity – 20 marks</b>	} <b>Average – 20 marks</b>	

**SCHEME OF LESSON FOR THE SESSION – 2020-2021****DISTRIBUTION OF MARKS WITH RESPECT TO PATTERN OF QUESTIONS FOR HALF YEARLY (SA-I) & ANNUAL (SA-II) EXAMINATION**

<b>Sl. No.</b>	<b>Types of Question</b>	<b>Marks x No. of Questions</b>	<b>Total Marks</b>
	<b>SECTION –A</b>		
1	10 Questions on 'Define the terms' (Each carrying 1 mark)	1x10	10
2	10 Questions on Correct the False Statements	1x10	10
3	5 Questions on ' Name the following' (Each carrying 1 mark)	1x5	05
4	10 Questions on ' Fill in the blanks' (Each carrying 1 mark)	1x10	10
5	5 Questions on 'Match Column' (Each carrying 1 mark)	1x5	05
6	Arrange the following in Chronological Order	1x5	05
	<b>SECTION-B</b>		
1	Answer in one/two sentences	2x10	20
2	Answer in Brief.	3x5	15





**SYLLABUS – CLASS VII****SESSION – 2020-21****GEOGRAPHY****BOOKS RECOMMENDED** – A Text Book of Geography for Class 7**PRESCRIBED BOOK** - GOYAL BROTHERS PRAKASHAN.**COURSES FOR THE FIRST TERM EXAMINATION**

	<b>TOPICS</b>	<b>WRITTEN WORK</b>	<b>ACTIVITIES/PROJECT</b>
1.	Representation of Geographical Features.	Vocabulary Exercise given in the chapter.	Prepare a chart showing conventional signs and symbols given in the lesson.
2.	Atmosphere	Vocabulary Exercise given in the chapter. Mind map.	
4.	Weathering and Soil formation.	Vocabulary Exercise given in the chapter.	Draw a neat and labeled diagram of soil profile.
7.	Europe	Vocabulary Exercise given in the chapter. Mind map. Map Work given in pg. 100, pg. 96 and pg. 97	A case study on Tourism in Switzerland.
9.	Australia	Vocabulary Exercise given in the chapter. Countries and Capitals.	Draw a neat labeled diagram of an Artesian well.

<b>TEACHING SCHEME OF LESSONS FOR THE SESSION- 2020-2021</b>			

**Note** – 1st Unit Test Portion Ch- 1 and Ch -2. Portion for 1<sup>st</sup> Unit Test/ Assessment will be included in the portion of Half Yearly/ 1<sup>st</sup> Terminal Examination.

**COURSES FOR THE SECOND TERM EXAM**

	TOPICS	WRITTEN WORK	ACTIVITIES/WORK
3.	Weather and Climate	Vocabulary Exercise given in the chapter.	Draw the diagrams of Weather Instruments.
5.	Industries	Vocabulary Exercise given in the chapter.	
6.	Energy and Power Resources	Vocabulary Exercise given in the chapter. Mind Map.	Draw the diagrams of Renewable and Non Renewable energy resources given in Pg- 84 (Fig- 6.7)
8.	Africa	Vocabulary Exercise given in the chapter. Map work given in pg-114 and pg 109 Countries and capitals from exercise.	A case study on cocoa cultivation in Ghana
10.	Antarctica	Vocabulary Exercise given in the chapter.	

**Note** – 2nd Unit Test portion – Ch-3 and Ch- 5.

Portions for 2<sup>nd</sup> Unit Test/ Assessment will be included in the portions of Annual Examination/ Second Term Examination.

**N.B** – Extra questions and answers will be given from the question bank for all the chapters

**DISTRIBUTION OF MARKS WITH RESPECT TO PATTERN OF QUESTION FOR  
HALF YEARLY AND ANNUAL EXAMINATION**

Sl. no	Types of Question	Marks × No. of Questions	Total Marks
<b>SECTION A</b>			
1.	10 Questions- ‘Fill in the blanks’ (each carrying one mark)	1×10	10
2.	10 Questions- ‘Answer in one word’ (each carrying one mark)	1×10	10
3.	10 Questions- ‘Define the following’ (each carrying one mark)	1×10	10
4.	15 Questions on ‘Map work’ (each carrying one mark)	1×15	15
5.	5 Questions on ‘Write the capital’(each carrying one mark)	1×5	5
<b>SECTION B</b>			
6.	10 Questions (Each Question consists of two bits) 1 <sup>st</sup> bit question of 2 marks and 2 <sup>nd</sup> bit question of 1 mark	3×10	30

1<sup>st</sup> Unit Test – 20 mark

1<sup>st</sup> Term Activity/ Project – 20 marks      **(AVERAGE – 20 MARKS)**

2<sup>nd</sup> Unit Test – 20 mark

2<sup>nd</sup> Term Activity/ Project – 20 marks      **(AVERAGE – 20 MARKS)**

# **SCHEME OF LESSONS FOR THE SESSION – 2020-21**

## **SYLLABUS – CLASS – VII**

### **SESSION 2020-2021**

#### **MATHEMATICS**

Book Recommended – Foundation Mathematics

Publisher- Goyal Brothers Prakashan

<b>TERM-1</b>			
<b>Month of Completion</b>	<b>Topic</b>	<b>Written Work</b>	<b>Activity/Project</b>
<b>April to August</b>	<b>Number System</b>		1. Construction of triangles depending on the criterion (ASA, SSS & SAS)
	Ch – 1 – Integers	1 (A, B, C, D, E)	
	Ch – 2 – Rational Numbers	2 (A, B, C, D, E, F, G)	
	Ch – 3 – Fractions	3 (A, B)	
	Ch – 4 – Decimal Fractions	4 (A, B, C, D, E, F, G)	
	Ch – 5 – Exponents	5 (A)	2. Recognition of solids
	<b>Commercial Arithmetic</b>		
	Ch – 7 – Ratio and Proportion	7 (A, B)	
	Ch – 8 – Unitary Method	8 (A)	
	<b>Algebra</b>		
	Ch – 13 – Algebraic Expressions	13 (A, B)	
	<b>Geometry</b>		
	Ch – 16 – Fundamental geometrical concept.	16 (A)	
	Ch – 17 – Lines and Angles	17 (A, B, C)	
	Ch – 18 – Properties of triangles	22 (A, B)	
	Ch – 22 - Construction	22	

Formative Assessment - 1 (1<sup>st</sup> Unit Test) Ch – 1, 2, 3, 4

Formative Assessment – 2 Project and Activity.

Summative Assessment – 1 : (1<sup>st</sup> Terminal Examination – Ch – 1, 2, 3, 4, 5, 7, 8, 13, 16, 17, 18)

## TERM-2

Month of Completion	Topic	Written Work	Activity/Project
October to February	<b>Commercial Arithmetic</b>		1. Experiments Approach of Probability.  2. To find the order of rotational symmetry of an equilateral triangle, square, rectangle.
	Ch – 9 – Percent & Percentage	9 (A, B, C)	
	Ch – 10 – Profit, Loss and Discount	10 (A)	
	Ch – 11 – Simple Interest	11 (A)	
	Ch – 12 – Speed, distance and time	12 (A)	
	<b>Algebra</b>		
	Ch – 14 – Linear Equations	14 (A, B)	
	Ch – 6 – Set Concepts	6 (A, B, C, D)	
	<b>Geometry</b>		
	Ch – 19 – Symmetry	19 (A, B)	
	Ch – 21 – Congruency : Congruent Triangles	21 A)	
	Ch – 23 – Mensuration	23. (A, B, C, D, E, F, G)	
	<b>Statistics</b>		
	Ch – 24 – Data Handling	24 (A, B, C, D)	

Formative Assessment - 3 (2<sup>nd</sup> Unit Test) Ch – 9, 10 & 11

Formative Assessment – 4 Project and Activity.

Summative Assessment – 2 : (2<sup>nd</sup> Terminal Examination – Ch – 6, 9, 10, 11, 12, 14, 19, 21, 23, 24)

Distribution of Marks with Respect to pattern of Questions

- |   |             |
|---|-------------|
| 1. Group – A ( Compulsory 10 Questions)   | 10 X 4 = 40 |
| 2. Group – B – (Attempt any 10 Questions) | 10 X 3 = 30 |
| 3. Group – C – (Objective Type)           | 10 X 1 = 10 |

Total Marks = 80

# SYLLABUS – CLASS-VII

SESSION – 2020-21

## PHYSICS

Book Recommended- Learning Elementary Physics

Publisher - Goyal Brother Prakashan

TERM-1 (APRIL TO SEPTEMBER)

Theme Topic		Written Work	Activity/Project
1.	<b>Physical Quantities and Measurement:</b>  Unit-1: Area and its measurement  Unit-2: Volume and its Measurement  Unit-3: Measurement of Density & Speed.	Text book Exercises,  Additional questions	To prove the laws of reflection
2.	<b>Force and Pressure: Motion</b>  Unit-1: Rest & Motion – Kinds of Motion.  Unit-2: Speed & Velocity.		
3.	Energy : Unit-1 : Energy & Work and their Units		

SCHEME OF LESSONS FOR THE SESSION – 2019-2020			
Topic			
<b>4. Light Energy:</b> Unit-1: Light & general terms used in understanding light. Unit-2: Reflection of Light on plane surfaces.			
1 <sup>st</sup> Unit Test Syllabus : Theme 1 and 2			
Term-2(OCTOBER TO JANUARY)			
	Topic	Written Work	Activity/Project
5.	<b>Heat:</b> Unit-1: Heat energy and its general effects.  Unit-2: Temperature and its Measurement.  Unit-3: Thermal expansion and its application.  Unit-4: Transmission of Heat.	Text book  Exercises,  Additional  questions	To prove the laws  of reflection
6.	<b>Sound:</b> Unit-1: Sound, its production & propagation  Unit-2: Reflection and Characteristics of sound.		
7.	<b>Electricity &amp; Magnetism:</b>  Unit-2: Electric circuit and its components.		



1 <sup>st</sup> Unit Test - Theme 5			
1 <sup>st</sup> Unit Test – 20 marks		}	Average- 20 marks
Project/Activity – 20marks			
2 <sup>nd</sup> Unit Test – 20		}	Average- 20 marks
Project/Activity – 20marks			
DISTRIBUTION OF MARKS WITH RESPECT TO PATTERN O×F QUESTIONSFOR HALF YEARLY (SA-I) & ANNUAL (SA-II) EXAMINATION			
Sl.No	Types of Questions	Marks x No. of Questions	Total Marks
1.	5 Questions on, Answer the following question (Each carrying 2 marks)	2×5	10
2.	10 Questions on, ‘Fill in the blanks’ (Each carrying 1 marks)	1×10	10
3.	10 Questions on, ‘True / False’ (Each carrying 1/2 marks)	1/2×10	05
4.	5 Questions on, ‘Definition’ (Each carrying 2 marks)	2×5	10
5.	10 Questions on, ‘Name these’ (Each carrying 1 marks)	1×10	10
6.	5 Questions on, ‘Difference between the following(Each carrying 2 marks)	2×5	10
7.	10 Questions on, ‘Give Reasons’ (Each carrying 2 marks)	2×5	10
8.	5 Questions on, ‘Solve’ (Each carrying 2 marks)	2×5	10
9.	Diagram(carrying 5 marks)	1×5	5

**SCHEME OF LESSONS FOR THE SESSION -2020-21**

**SYLLABUS CLASS-VII**

**SESSION -2020-21**

**CHEMISTRY**

BOOK RECOMMENDED : LEARNING ELEMENTARY CHEMISTRY

PUBLISHER: GOYAL BROTHER PRAKASHAN

TERM –I (APRIL TO SEPTEMBER)

CHAPTER NUMBER	TOPIC
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THEME 1	MATTER AND ITS COMPOSITION
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THEME 2	PHYSICAL AND CHEMICAL CHANGES
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THEME 3	ELEMENTARY COMPOUNDS AND MIXTURES
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THEME 5	LANGUAGE OF CHEMISTRY
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**ACTIVITY/PROJECT**

1. Identification of Physical and Chemical changes by giving live examples.
2. Molecular Formula Chart.

PORTION FOR THE 1<sup>ST</sup> UNIT TEST – THEME 1 AND THEME 2

PORTION FOR THE 1<sup>ST</sup> TERM-THEME -1, 2, 3 AND 5

1<sup>ST</sup> UNIT TEST 20 MARKS

PROJECT/ACTIVITY- 20 MARKS- AVERAGE 20 MARKS

HALF-YEARLY EXAMINATION – 80 MARKS

TERM II (October to February)

CHAPTER NUMBER	TOPIC
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THEME- 5	LANGUAGE OF CHEMISTRY
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THEME -4	ATOMIC STRUCTURE
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THEME -6	METALS AND NON METALS
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THEME -7	AIR AND ATMOSPHERE
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**ACTIVITY/PROJECT:**

1. Demonstration of laboratory preparation of oxygen and its characteristics.
2. Atomic Structure chart.

PORTION FOR THE 2<sup>ST</sup> UNIT TEST – THEME 5 AND THEME 4

PORTION FOR THE 2<sup>ST</sup> TERM-THEME -5, 4 ,6 AND 7

2<sup>ST</sup> UNIT TEST 20 MARKS

PROJECT/ACTIVITY- 20 MARKS- AVERAGE 20 MARKS

ANNUAL EXAMINATION – 80 MARKS

TYPES OF QUESTIONS TO BE FRAMED FOR TERM EXAMINATIONS

1. Name the following
2. Fill in the blanks
3. Question based on diagrams each bit carrying 1 mark
4. Match the column
5. Write chemical names
6. Question based on observations
7. Give reasons
8. Correct the following incorrect statements
9. Differentiate (each difference 1 mark)
10. Complete the reaction
11. Identify the following
12. Define the following
13. Write the molecular formula

N.B – MINIMUM MARKS FOR EACH TYPE OF QUESTION IS 5

**SYLLABUS - CLASS-VII**  
**SESSION - 2020-21**  
**BIOLOGY**

**Book Recommended –** Learning Elementary Biology  
**Publisher –** Goyal Brothers Prakashan

**TERM-1**

	Written Work	Activity/Project
APRIL	Ch-1 : Tissues	1. To study the cell structure in plants using onion peel.
TO	Ch-3 : Photosynthesis	2. To study the cell structure in animals using human cheek cells.
AUGUST	Ch-4: Respiration	

**EXAMINATIONS**

- \* Portion for 1st Unit Test - Ch-1 : Tissues.
- \* Portion for 1st Terminal Examination : Ch-1, 3 & 4.

**TERM-2**

	Written Work	Activity/Project
OCTOBER	Ch-5: Excretory System	1. To draw an outline figure of the human-body and mark the location of the kidneys, skin, sweat glands and lungs.
TO	Ch-6: Nervous System	2. To collect any five allergens and list down the effects they can produce on the human-body.
JANUARY	Ch-7: Allergy	

**EXAMINATIONS:**

- \* Portion for 2nd Unit Test is - Ch-5 : Excretory system.
- \* Portion for 2nd Terminal Examination : Ch-5, 6 & 7.

**DISTRIBUTION OF MARKS WITH RESPECT TO PATTERN OF QUESTIONS  
FOR UNIT TEST AND TERMINAL EXAMINATION**

Sl. No.	Types of Question		Total Marks
<b>SCHEME FOR UNIT TEST [20 MARKS]</b>			
1.	Name the following / Give one word answers	$\frac{1}{2} \times 5$	2½
2.	Complete the statements / Fill in the blanks	$\frac{1}{2} \times 5$	2½
3.	Definitions	1×3	3
4.	Differentiate	1×3	3
5.	Give Location/Function/Choose the odd one with reasons.	1×3	3
6.	Diagram	--	3
7.	Questions and Answers	1×3	3
<b>SCHEME FOR TERMINAL EXAMINATION [80 MARKS]</b>			
1.	Name the following / Give the terms	1×10	10
2.	Complete the statements / Fill in the blanks	1×10	10
3.	Choose the Odd one out giving reasons / Multiple choice questions	1×10	10
4.	True and False Mention and Correct the false statements	1×10	10
5.	Definition	2×5	10
6.	Differentiate /Location/ Function	2×5	10
7.	Answer the following questions including reasoning questions.	3×5	15
8.	Diagram	--	5

Unit Test - 20 marks  
 Activity - 20 marks  
 Terminal Examination – 80 marks  
**Total : 80 + 20 +100 marks.**



Average - 20 marks

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## Syllabus of Computer Science 2020-2021

### Class-7

Chapter No	Month	Chapter Name
<b>1<sup>st</sup> Term</b>		
1.	March	Computer – Hardware Components
2.	April	Number System
3.	June	Computer Virus
4.	July	Ethics and Safety Measures in Computing
5.	August	Spreadsheet – An Introduction
6.	September	More on Spreadsheet
1 <sup>st</sup> Unit Test Portion - Chapter 1, 2 and 3 Half Yearly Portion – Chapter 1, 2, 3, 4, 5 and 6		
<b>2<sup>nd</sup> Term</b>		
7.	October	Database And DBMS – An Introduction
8.	November	Working With Tables and Queries
9.	December	Using List, Images and Links
10.	January	Tables and Forms
2 <sup>nd</sup> Unit Test Portion – Chapter 7 and 8 Annual Portion – Chapter 7, 8, 9 and 10		

**N.B.:** Distribution of Marks with respect to pattern of question for Half-yearly and Annual Examination is modifiable as per availability of questionnaire in the exercise or question bank.

#### 1st Term:

Fill in the blanks: 1x10=10

State true or false : 0.5x10=5

Multiple choice questions: 1x10=10

Application Based Question: 1x5=5

Answer in one word :1x10=10

Number Conversion and Binary Arithmetic : 2x5=10

Answer the following: 3x10=30(out of 12 choices)

#### 2nd Term:

Fill in the blanks: 1x10=10 State

true or false: 0.5x10=5 Multiple

choice questions: 1x10=10

Application Based Question:

1x5=05 Answer in one word :1x5=5

HTML programmes: 5x3=15 Answer

the following: 3x10=30

