



COMMON TEACHING SCHEME
STEWART SCHOOLS
SESSION 2019-2020

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.

**TENTATIVE PROGRAMME OF DIFFERENT
ASSESSMENT AND EXAMINATIONS FOR 2019-2020**

1st Unit Assessment	: July - August, 2019
2nd Unit Assessment	: November / December, 2019
Half-Yearly Examination	: September, 2019
Annual Examination	: February, 2020

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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

Sl.No.	Subjects	Pages
1.	(A) ENGLISH I (LANGUAGE)	1
	(B) ENGLISH II (LITERATURE)	3
2.	ODIA	4
3.	HINDI	6
4.	HISTORY & CIVICS	8
5.	GEOGRAPHY	9
6.	MATHEMATICS	11
7.	PHYSICS	12
8.	CHEMISTRY	14
9.	BIOLOGY	15
10.	COMPUTER	17
11.	VALUE EDUCATION	19
12.	GENERAL KNOWLEDGE	20
13.	CREATIVE ART & ACTIVITY	21

SCHEME OF LESSONS FOR THE SESSION - 2019-2020**SYLLABUS - CLASS-VII****SESSION - 2019-20****ENGLISH (LANGUAGE)**

Prescribed Book – Active English Grammar & Composition Book-7

Publisher – Goyal Brother Prakashan

TERM-I (FAI + FAII + SAI)

Topics	Written Work	Activities / Project
Revision Ch-4 : Determiners Ch-5 : Articles Ch-6 : Pronouns Ch-7 : Relative Pronouns Ch-8 : Adjectives Ch-10: Verbs – Transitive & Intransitive Ch-9: Modal Verbs Ch-11: Kinds of Sentences Ch-26: Direct & Indirect Speech	Essay – Narrative & Descriptive Imaginative Letter – Application & Informal	1. Project on Letter Writing (Different formats) 2. Mock Interview 3. Word Game 4. Application to the Principal

1st Unit Test Portion - Ch - 4, 5, 11 and Composition (Narrative)

Half-Yearly Portion : Essay (Narrative & Descriptive)

Letter Writing (Application & Informal)

Comprehension

Grammar – Ch - 4, 5, 7, 8, 9, 10, 11, 26

TERM-II (FAII + FAIII + SAI)

Topics	Written Work	Activities / Project
Ch-12: Question Tags Ch-14: Non-Finites Ch-17: Present Tense Ch-18: Past Tense Ch-19: Future Tense	Essay – Descriptive & Imaginative Letter – Formal & Informal Comprehension	1. Worksheet on Prepositions. 2. Prepare a Tense Chart.

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

Topics	Written Work	Activity / Projects
Ch-21: Active & Passive Voice Ch-23: Prepositions Ch-24: Conjunctions		3. Extempore on a given topic. 4. Mock Telephonic Conversation using Question Tags.

2nd Unit Test Portion : Ch - 17, 18, 19, 23
Letter Writing (Informal)

Annual Exam Portion : Essay (Descriptive & Imaginative)
Letter Writing (Informal & Application)
Comprehension
Grammar – Ch- 12, 14, 17,18,19,21,23,24

Sl. No.	Types of Question	Marks × No. of Questions	Total Marks
1.	Composition writing	20	20
2.	Letter Writing	10	10
3.	Comprehension		
	(a) 5 short questions (Each 2 marks)	2x5	10
	(b) 3 questions 'meaning' (Each 1 mark)	1x3	3
	(c) 3 questions on 'Make Sentence' (Each 1 mark)	1x3	3
	(d) 4 questions 'which word in the text mean the same' (Each 1 mark)	1x4	4
4.	Functional Grammar, structure, usage of the language	30	30

1st Unit Test - 20 marks

2nd Unit Test - 20 marks

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

LITERATURE

Prescribed Book – Engaging English Book-7

Publisher – Collins

TERM-I (APRIL TO SEPTEMBER)

Topics	Written Work	Activities / Project
<p><u>Prose</u> Ch-1 : Looking for Vulture's Eggs. Ch-3 : Three Questions Ch-7 : The Homecoming Ch-9 : Grandpa Learns to Read and Write.</p> <p><u>Poem</u> Ch-2 : The Schoolboy Ch-4 : Coromandal Fishers. Ch-6 : The Lady of Shalott</p>	<p>Answers to Comprehension questions and extract questions, vocabulary exercises.</p> <p>Home Assignment, Extract answers, meanings of difficult words.</p>	<ol style="list-style-type: none"> Loud Reading of the story in groups of five. (Reading Skill) Recitation of the poem with expression. (Speaking skill) Diary writing Declamation Profile writing
1st Unit Test : Ch-1,2,3		

(TERM - II) (OCTOBER TO FEBRUARY)

Topics	Written Work	Activities / Project
<p><u>Prose</u> Ch-11:Dares Salaam to Nairobi Ch-13:The Invisible Man Ch-15: The Model Millionaire Ch-18: Unbreakable</p> <p><u>Poem</u> Ch-10: Travel Ch-14: Have you got a Brook in your Little Heart? Ch-16: The Human Seasons</p>	<p>Extract questions and questions on general comprehension, word meaning and make sentences with the given words.</p> <p>Home Assignment, Extract questions and their answers, word meanings, fill in the blanks.</p>	<ol style="list-style-type: none"> Summary writing Write a poem on any other animal Paragraph writing on friendship.
2nd Unit Test : Ch-10,11,13		

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

1st Unit Test - 20 marks	}	Average - 20 marks
1st Term Project/Activity - 20 marks		
2nd Unit Test - 20 marks	}	Average - 20 marks
2nd Term Project/Activity - 20 marks		

DISTRIBUTION OF MARKS WITH RESPECT TO PATTERN OF QUESTIONS FOR ANNUAL (SA-II) EXAMINATION

Sl. No.	Types of Question	Marks x No. of Questions	Total Marks
SECTION - A			
1.	3 Prose Extracts (Each extract consists of 5 questions each of 2 marks)	3x(2x5)	30
SECTION - B			
2.	2 Poem Extracts (Each extract consists of 5 questions each of 2 marks)	2x(2x5)	20
SECTION - C			
3.	5 General questions from the text (each of 4 marks)	4x5	20
4.	Meanings of difficult words & phrases	1x10	10

**SYLLABUS - CLASS-VII
SESSION - 2019-20**

ODIA

Books Recommended - ସାହିତ୍ୟ ସୋପାନ
Publisher - ଜ୍ଞାନ ମନ୍ଦିର ପ୍ରକାଶନ

TERM - I (MARCH TO SEPTEMBER)

Topics	Topics	Activities / Project
March-April	Lesson-1 ମୋ ଜନ୍ମଭୂମି	ରଚନା -
	Lesson-2 ନ୍ୟାୟ ବିଚାର	1. ଭ୍ରମଣର ଉପକାରिता
June - August	Lesson-3 କାଳିଜାଈରେ ସନ୍ଧ୍ୟା	2. ବିଜ୍ଞାନର ଆଶୀର୍ବାଦ
	Lesson-4 ଜାପାନ ଅନୁଭୂତି	3. ବର୍ଷାଋତୁ
	Lesson-5 ସ୍ୱାଧୀନ ଦେଶର ସନ୍ତାନ	4. ସ୍ୱଚ୍ଛତାର ପ୍ରଭାବ
September	Lesson-6 ମାଆର ମମତା	

1ST UNIT TEST – PORTION

Lesson-1 : ମୋ ଜନ୍ମଭୂମି **Lesson-2 :** ନ୍ୟାୟ ବିଚାର
Revision and Half-Yearly Examination : All the above Lessons

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

TERM - II (OCTOBER TO FEBRUARY)

Topics	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 ବକ୍ତୃତା ପ୍ରତିଯୋଗିତା। 2. ଆଦର୍ଶ ନାଗରିକତାର ସମାଜ ଉପରେ ପ୍ରଭାବ।
December - February	Lesson-10 ରାଜା ପରି ରାଜା Lesson-11 ବାଜି ରାଉତ Lesson-12 ଉପାର୍ଜିତ ଧନ	

1st Unit Test - 20 marks	}	Average - 20 marks
1st Term Project/Activity - 20 marks		
2nd Unit Test - 20 marks	}	Average - 20 marks
2nd Term Project/Activity - 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	Marks × No. of Questions	Total Marks
1.	ଶୂନ୍ୟସ୍ଥାନ ପୂରଣ କର (ପ୍ରତ୍ୟେକ 1 ନମ୍ବର ବିଶିଷ୍ଟ)	1×10	10
2.	ବାକ୍ୟଗଠନ (ପ୍ରତ୍ୟେକ 2 ନମ୍ବର ବିଶିଷ୍ଟ)	2×5	10
3.	ପ୍ରତିଶବ୍ଦ (ପ୍ରତ୍ୟେକ 1 ନମ୍ବର ବିଶିଷ୍ଟ)	1×10	10
4.	ବିପରୀତ ଶବ୍ଦ (ପ୍ରତ୍ୟେକ 1 ନମ୍ବର ବିଶିଷ୍ଟ)	1×10	10
5.	ଏକପଦରେ ପ୍ରକାଶ କର (ପ୍ରତ୍ୟେକ 1 ନମ୍ବର ବିଶିଷ୍ଟ)	1×5	5
6.	ଶବ୍ଦାର୍ଥ (ପ୍ରତ୍ୟେକ 1 ନମ୍ବର ବିଶିଷ୍ଟ)	1×10	10
7.	ରଚନା (୧୫ ନମ୍ବର ବିଶିଷ୍ଟ)	15×1	15
8.	ବୋଧଜ୍ଞାନ (Comprehension) (ପ୍ରତ୍ୟେକ 2 ନମ୍ବର ବିଶିଷ୍ଟ)	2×5	10

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

SYLLABUS - CLASS-VII

SESSION - 2019-20

HINDI

Books Recommended- 1. सरोज हिन्दी पाठमाला (भाग-६) गोयल ब्रदर्स प्रकाशन
2. नवीन हिंदी व्याकरण तथा रचना (भाग - ६) गोयल ब्रदर्स प्रकाशन

TERM - I (APRIL TO SEPTEMBER)

सरोज हिन्दी पाठमाला (भाग-६)	नवीन हिंदी व्याकरण तथा रचना (भाग - ६)	संग्रह एवं लेखन
Topics	Written Work	Activities / Project
पाठ-१: आगे बढ़ते जाएँगे पाठ-३: स्वावलंबन पाठ-४: एक किरण पाठ-५: मैं बनी हनुमान पाठ-६: वे तीन दिन पाठ-७: ईमानदार बालक	पाठ-२ २(क) पर्यायवाची शब्द (ख) विलोम शब्द शुद्ध-अशुद्ध पाठ-१: लिंग परिवर्तन पाठ-२ २(ड) अनेक शब्दों के लिए एक शब्द (१-३०)	निबंध लिखन - व्यायाम के लाभ, भारत देश का विकास, देशात्मकबोधक कविता अपठित गद्यांश (पाठ-२४) निबंध लिखन - वर्षाऋतु पत्र लिखन - आपसे कक्षा की खिड़की का शीशा टूट गया है। क्षमा याचना करते हुए प्रधानाचार्य को पत्र। निबंध लिखन - पर्यावरण संरक्षण पत्र लिखन - मित्र/सहेली को अपने विद्यालय के पुस्तकालय के विषय में बताते हुए पत्र लिखिए।

Portion for 1st Unit Test - १. आगे बढ़ते जाएँगे, स्वावलंबन २. पर्यायवाची शब्द, ३. विलोम शब्द

Portion for 1st Term - १. आगे बढ़ते जाएँगे, २. स्वावलंबन ३. मैं बनी हनुमान
४. एक किरण ५. वे तीन दिन ६. ईमानदार बालक

व्याकरण - पर्यायवाची शब्द, विलोम शब्द, शुद्ध-अशुद्ध, लिंग, अनेक शब्दों के लिए एक शब्द।

निबंध लिखन - व्यायाम के लाभ, वर्षाऋतु, पर्यावरण संरक्षण

पत्र लिखन - १. आपसे कक्षा की खिड़की का शीशा टूट गया है। क्षमा-याचना करते हुए प्रधानाचार्य की पत्र।
२. मित्र / सहेली को अपने विद्यालय के पुस्तकालय के विषय में बताते हुए पत्र लिखिए।

TERM - I (OCTOBER TO JANUARY)

Topics	Written Work	Activities / Project
पाठ-८: राजकुमारी रत्नावली पाठ-९: राई और पर्वत पाठ-१२: लुई ब्रेल पाठ-१४: दोहे पाठ-१५: लाईव टेलीकास्ट पाठ-१६: जाने-अनजाने	पाठ-१३: विशेषण पाठ-२ २(क) पर्यायवाची पाठ-२ २(ड) अनेक शब्दों के लिए एक शब्द (३१-५३) पाठ-२ २(ख) विलोम शब्द	निबंध लिखन - विद्यार्थी जीवन पत्र लिखन - मित्र को जन्मदिन पर बधाई देने के लिए पत्र निबंध लिखन - गणतंत्र दिवस पत्र लिखन - प्रधानाचार्य को शुल्क माफी के लिए प्रार्थना पत्र। निबंध लिखन - प्रातः भ्रमण की उपकारिता

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

Portion for 2nd Unit Test - १. राजकुमारी रत्नावली २. राई और पर्वत

३. विशेषण ४. पर्यायवाची

Portion for 2nd Unit Test - १. राजकुमारी रत्नावली २. राई और पर्वत ३. लुई ब्रेल

४. दोहे ५. लाईव टेलीकास्ट ६. जाने-अनजाने

व्याकरण - १. विशेषण, पर्यायवाची, विलोम शब्द, अनेक शब्दों के लिए एक शब्द

निबंध लेखन - विद्यार्थी जीवन, गणतंत्र दिवस, प्रातः भ्रमण की उपकारिता

पत्र लेखन - १. प्रधानाचार्य को शुल्क माफी के लिए प्रार्थना पत्र

२. मित्र को जन्मदिन पर बधाई देने के लिए पत्र ।

1st Unit Test - 20 marks

1st Term Project/Activity - 20 marks

} Average - 20 marks

2nd Unit Test - 20 marks

2nd Term Project/Activity - 20 marks

} Average - 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	Marks × No. of Questions	Total Marks
1.	(किन्ही १० प्रश्नों के उत्तर दिजिए) प्रश्नोत्तर प्रत्येक प्रश्न ३ नम्बर	3×10	30
2.	(किन्ही १० प्रश्नों के उत्तर दिजिए) शब्दार्थ प्रत्येक प्रश्न १ नम्बर	1×10	10
3.	(किन्ही ५ प्रश्नों के उत्तर दिजिए) पर्यायवाची शब्द प्रत्येक प्रश्न १ नम्बर	1×5	5
4.	(किन्ही ५ प्रश्नों के उत्तर दिजिए) विलोम शब्द प्रत्येक प्रश्न १ नम्बर	1×5	5
5.	(किन्ही १० प्रश्नों के उत्तर दिजिए) व्याकरण प्रत्येक प्रश्न १ नम्बर	1×10	10
6.	(किन्ही १ प्रश्न के उत्तर दिजिए) पत्र लेखन प्रत्येक प्रश्न ८ नम्बर	8×1	8
7.	निबंध लेखन प्रत्येक प्रश्न १२ नम्बर	12×1	12

SCHEME OF LESSONS FOR THE SESSION - 2019-2020**SYLLABUS - CLASS-VII****SESSION - 2019-20****HISTORY & CIVICS****Book Recommended – Effective History and Civics Class - VII****Prescribed Book – Beeta Publication****TERM - I (APRIL TO SEPTEMBER)**

Topics	Written Work	Activities / Project
History 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 Civics 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 be prepared on the Delhi Sultanate. 3. Point out five areas where Fundamental Rights are violated.

First Unit Test Portion – Ch- 1 & 2 (History) & Ch-1 Civics**TERM - II (OCTOBER TO FEBRUARY)**

Topics	Written Work	Activities / Project
7. Administrative & Art & Architecture under the Delhi Sultanate. 9. The Mughal Empire 10. Akbar and his times 11. Successors of Akbar Civics 2. Directive Principle of State Policy.	Question and Answer Fill in the blanks Name the following Words to know	1. Organising a Mock Parliament 2. To prepare a Time line of the Mughals. 3. To make a list of Prime Ministers & Presidents of India since Independence.

1st Unit Test - 20 marks	}	Average - 20 marks
1st Term Project/Activity - 20 marks		
2nd Unit Test - 20 marks	}	Average - 20 marks
2nd Term Project/Activity - 20 marks		

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

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

Sl. No.	Types of Question	Marks x No. of Questions	Total Marks
Section - A (History)			
1.	5 Questions on 'Define the terms' (Each carrying 1 mark)	1×5	05
2.	5 Questions on Correct the False Statements	1×5	05
3.	5 Questions on 'Name the following' (Each carrying 1 mark)	1×5	05
4.	10 Questions on 'Fill in the blanks' (Each carrying 1 mark)	1×10	10
5.	5 Questions on, 'Match Column' (Each carrying 1 mark)	1×5	05
6.	Arrange the following in Chronological Order	1×5	05
7.	Answers in one / two sentences	2×5	10
8.	Answer in Brief.	3×5	15
Section - B (Civics)			
1.	Define the Terms	1×5	05
2.	Fill in the blanks (each carrying 1 mark)	1×5	5
3.	Answer the following	2×5	10

**SYLLABUS - CLASS-VII
SESSION - 2019-20**

GEOGRAPHY

Book Recommended – Our Earth Book - 7

Prescribed Book – Frank Educational Aids

COURSE FOR THE FIRST TERM

Topics	Written Work	Activities / Project
1. Topographical Maps	Exercises given in the book and extra questions to be put from the chapters.	1. Project work on Industries & Industries of the world.
2. Atmosphere	Home Assignment. Extra question from the chapter.	2. Survey of India Maps (Conventional Signs & Symbols)
3. Green House Effect	Key words as Geo Terms.	3. Physical and Political Map work on the outline Map of Europe.
10. Europe	Home Assignment. Exercises given in the book. Key words on Geo Terms.	4. Diagram of the Soil Profile.
6. Weathering & Soil Formation	Countries and Capitals.	5. Map work on Europe. As per the exercises given in the book.
14. Oceania	Key words as Geo Terms. Exercises given in the book. Extra questions from the chapters.	6. Diagram of Artesian Well.

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

Note : 1st Unit Test Portion : Ch - 1, 2, 3

Portion for the First Unit Assessment will be included in the portions of the Half-Yearly Examination / 1st Term.

COURSE FOR THE SECOND TERM

Topics	Written Work	Activities / Project
9. Energy and Power Resources 12. Africa 16. Antarctica 11. Tourism in Switzerland (A Case Study) 4. Elements of Weather 5. Recording Weather	Exercises given in the book and extra questions from the chapter. Home Assignment. Key words as Geo Terms including exercises given in the book. Countries & Capitals of Africa.	Ch-8: Project on Cotton Textile Industry of the World. Ch-9: Project on Bhakra Nangal Dam. Project on Chocolate making with the entire process. Map work on Africa outline map. Diagram of Weather instruments.

Note : 2nd Unit Test Portion : Ch. 4, 5

Portion of the Second Unit Assessment will be included in the portion of the Annual Examination / Second Term.

1st Unit Test - 20 marks	}	Average - 20 marks
1st Term Activity/Project - 20 marks		
2nd Unit Test - 20 marks	}	Average - 20 marks
2nd Term 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	Marks × No. of Questions	Total Marks
SECTION - A			
1.	10 Questions, 'Answer the following' (Each carrying 1 mark)	1×10	10
2.	10 Questions, 'Define the following' (Each carrying 1 mark)	1×10	10
3.	15 Questions on, 'Map Work' (Each carrying 1 mark)	1×15	15
4.	10 Questions on, 'Fill in the blanks' (Each carrying 1 mark)	1×10	10
5.	5 Questions on, 'Write the Capital of the following' (Each carrying 1 mark)	1×5	05
SECTION - B			
	10 Questions on, 'Consisting of bits' (Each carrying 3 marks)	3×10	30

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

SYLLABUS - CLASS-VII

SESSION - 2019-20

MATHEMATICS

Book Recommended – CONCISE MATHEMATICS – Middle School Mathematics

Publisher – SELINA (Cherished Edition 2017)

TERM-1 (APRIL-SEPTEMBER)

Topic	Written Work	Activity/Project
Number System Ch-1 : Integers Ch-2 : Rational Numbers Ch-3 : Fractions Ch-4 : Decimal Fractions Ch-5 : Exponents	1 (A, B, C, D) 2 (A, B, C, D, E) 3 (A, B, C, D, E) 4 (A, B, C, D, E, F) 5 (A, B)	1. Construction of triangles depending on the criterion. (ASA, SSS & SAS) 2. Ch-18: Recognition of Solids Ex. 18
Commercial Arithmetic Ch-6 : Ratio and Proportion Ch-7 : Unitary Method	6 (A, B) 7 (A, B, C)	
Algebra Ch-11: Fundamental Concepts (Including Fundamental Operations)	11 (A, B, C, D, E, F)	
Geometry Ch-14: Lines and Angles Ch-15: Triangles (Excluding Incircle/ Circum-Circle) Ch-16: Pythagoras Theorem	14 (A, B, C) 15 (A, B, C) Ex. 16	

Formative Assessment-1 (1st Unit Test) : Ch- 1, 2 and 11 (a,b,c,d)

Formative Assessment-2 : Project and Activity

Summative Assessment 1 : (1st Terminal Examination) : Ch - 1,2,3, 4,5,6,7,11,14,15,16 & 18

TERM-2 (OCTOBER-FEBRUARY)

Topic	Written Work	Activity/Project
Commercial Arithmetic Ch-8: Percent & Percentages Ch-9: Profit, Loss & Discount Ch-10: Simple Interest	8 (A, B, C, D) 9 (A, B, C) Ex.10	
Algebra Ch-12: Simple Linear Equations (Including Word Problems) Ch-13: Set Concepts	12 (A, B, C, D) 13 (A, B, C, D)	

SCHEME OF LESSONS FOR THE SESSION - 2019-2020			
Topic		Written Work	Activity/Project
Geometry Ch-17: Symmetry Ch-19: Congruency: Congruent Triangles Ch-20: Mensuration		17 (A, B, C) Ex.19 20 (A, B)	1. Experimental Approach of Probability (eg: Lossing of coins and dia) 2. To find the order of rotational symmetry of an equilateral triangle, square and rectangle.
Data Handling (Statistics) Ch-21: Data Handling		21 (A, B)	
Formative Assessment-3 (2nd Unit Test) : Ch- 8, 19 and 21. Formative Assessment-4 : Project and Activity Summative Assessment 2 : (2nd Terminal Examination) : Ch - 8,9,10,12,13,17,19,20,21			
DISTRIBUTION OF MARKS WITH RESPECT TO PATTERN OF QUESTIONS FOR HALF YEARLY (SA-I) & ANNUAL (SA-II) EXAMINATION			
		1. Group - A (Compulsory 10 questions) $10 \times 4 = 40$	Full Mark - 80
		2. Group - B (Attempt any 10 questions) $10 \times 3 = 30$	
		3. Group - C (Objective Type) $10 \times 1 = 10$	
		Total Marks - 80	
		1st Unit Test - 20 marks 1st Term Activity/Project - 20 marks	Average - 20 marks
		2nd Unit Test - 20 marks 2nd Term Activity/Project - 20 marks	Average - 20 marks
SYLLABUS - CLASS-VII SESSION - 2019-20 <div style="border: 1px solid black; padding: 2px; display: inline-block;">PHYSICS</div> Book Recommended – Learning Elementary Physics Publisher – Royal Brother Prakashan <div style="border: 1px solid black; padding: 2px; display: inline-block;">TERM-1 (APRIL TO SEPTEMBER)</div>			
Theme	Topic	Written Work	Activity/Project
1.	Physical Quantities and Measurement: 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.	Force and Pressure: Motion 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

4. **Light Energy:** Unit-1: Light & general terms used in understanding light.
Unit-2: Reflection of Light on plane surfaces.

1st Unit Test Syllabus : Theme 1 and 2

TERM-2 (OCTOBER TO JANUARY)

	Topic	Written Work	Activity/Project
5.	Heat: 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 study the parts of a dry cell in detail.
6.	Sound: Unit-1: Sound, its production & propagation Unit-2: Reflection and Characteristics of sound.		
7.	Electricity & Magnetism: Unit-2: Electric circuit and its components.		

2nd Unit Test – Theme 5

1st Unit Test - 20 marks	}	Average - 20 marks
Project/Activity - 20 marks		
2nd Unit Test - 20 marks	}	Average - 20 marks
Project/Activity - 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	Marks × No. of Questions	Total Marks
1.	15 Questions on, Answer the following question (Each carrying 2 marks)	2×5	10
2.	10 Questions on, 'Fill in the blanks' (Each carrying 1 mark)	1×10	10
3.	10 Questions on, 'True / False' (Each carrying ½ mark)	½×10	05
4.	5 Questions on, 'Definition' (Each carrying 2 marks)	2×5	10
5.	10 Questions on, 'Name these' (Each carrying 1 mark)	1×10	10
6.	5 Questions on, 'Difference between the following' (Each carrying 2 marks)	2×5	10
7.	5 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 - 2019-2020**SYLLABUS - CLASS-VII****SESSION - 2019-20****CHEMISTRY**

Book Recommended – Learning Elementary Chemistry
Publisher – Goyal Brothers Prakashan

TERM-I (APRIL TO SEPTEMBER)

	Chapter No.	Topic	Activity/Project
1.	Theme-1	Matter and its Composition	Atomic structure of five elements.
2.	Theme-3	Elements, Compounds and Mixtures	
3.	Theme-4	Atomic Structure	
4.	Theme-5	Language of Chemistry	

Portion for 1st Unit Test – Theme - 1 and 3

Portion for 1st Term – Theme - 1, 3, 4 and 5

1st Unit Test - 20 marks
Project/Activity - 20 marks } Average - 20 marks

Half-Yearly Examination – 80 Marks

TERM-II (OCTOBER TO FEBRUARY)

	Chapter No.	Topic	Activity/Project
1.	Theme-2	Physical and Chemical Changes	Laboratory preparation of Oxygen and its tests.
2.	Theme-6	Metals and Non-metals	
3.	Theme-7	Air and Atmosphere	

Portion for 2nd Unit Test – Theme - 2, 6

Portion for 2nd Term – Theme - 2, 6 and 7

1st Unit Test - 20 marks
Project/Activity - 20 marks } Average - 20 marks

Annual Examination – 80 Marks

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

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

Sl. No.	Types of Question		Total Marks
1.	6 Questions, 'Name the following' (Each carrying 1 mark)	1×6	06
2.	6 Questions, 'Fill in the blanks' (Each carrying 1 mark)	1×6	06
3.	10 Questions on, 'Match the following' (Each carrying ½ mark)	½×10	05
4.	4 Questions on, 'What do you observe from diagram' (Each carrying 2 marks)	2×4	08
5.	5 Questions on, 'Write molecular formulas' (Each carrying 1 mark)	1×5	05
6.	5 Questions on, 'Write the chemical name' (Each carrying 1 mark)	1×5	05
7.	5 Questions on, 'Define' (Each carrying 1 mark)	1×5	05
8.	6 Questions on, 'Write the common / chemical name' (Each carrying 1 mark)	1×6	06
9.	3 Questions 'Difference' (Each carrying 2 marks)	2×3	06
10.	6 Questions 'Complete the reaction' (Each carrying 1 mark)	1×6	06
11.	5 Questions 'Identify the following' (element / compound) / (acid / base/ salt) (Each carrying 1 mark)	1×5	05
12.	5 Questions 'Identify the following' (Physical / Chemical Change) / (Organic / inorganic acid) (Each carrying 1 mark)	1×5	05
13.	3 Questions 'Mention the following' (Each carrying 4 marks)	4×3	12

SYLLABUS - CLASS-VII

SESSION - 2019-20

BIOLOGY

Book Recommended – Learning Elementary Biology
Publisher – Goyal Brothers Prakashan

TERM-1 (APRIL TO SEPTEMBER)

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

EXAMINATIONS

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

SCHEME OF LESSONS FOR THE SESSION - 2019-2020			
TERM-2 (OCTOBER-FEBRUARY)			
Topic	Written Work	Activity/Project	
Ch-5: Excretory System Ch-6: Nervous System Ch-7: Allergy		1. To draw an outline figure of the human-body and mark the location of the kidneys, skin, sweat glands and lungs. 2. To collect any five allergens and list down the effects they can produce on the human-body.	
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
SCHEME FOR UNIT TEST [20 MARKS]			
1.	Name the following / Give one word answers	½×5	2½
2.	Complete the statements / Fill in the blanks	½×5	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
SCHEME FOR TERMINAL EXAMINATION [80 MARKS]			
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 } Average - 20 marks Terminal Examination – 80 marks Total : 80 + 20 +100 marks.			

SCHEME OF LESSONS FOR THE SESSION - 2019-2020**SYLLABUS - CLASS-VII
SESSION - 2019-20****COMPUTER**

**Book Recommended – My Book of Computer Studies Book-7
A Complete Course in Computer Science**

TERM-1 (FA1 + FA2 + SA1) (MARCH TO SEPTEMBER)

Topic	Written Work	Activity/Project
1. Computer-Hardware Components 2. Number System – An Introduction 3. Computer Virus 6. Database and DBMS – An Introduction		Project and Activity as prescribed in the text book. Ch-10: Working with Queries Forms and Reports

**Formative Assessment 1 (1st Unit Test) : Ch- 1, 2 & 3
Summative Assessment 1 (1st Term) :
Ch- 1, 2, 3, 4, 8, 9**

TERM - II (FA1 + FA2 + SA1) (OCTOBER TO FEBRUARY)

Topic	Written Work	Activity/Project
4. Ethics and Safety Measures in Computing. 5. Spreadsheet – An Introduction 7. HTML – Advanced Features		Ch-10 : Forms in HTML

**Formative Assessment 3 (2nd Unit Test) : Ch - 5, 6, 7
Summative Assessment 2 (2nd Term) :
Ch- 5 to 6, 7, 11, 12**

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

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 FIRST TERMINAL (SA-1) EXAMINATION

Sl. No.	Types of Question	Marks × No. of Questions	Total Marks
1.	10 Questions on Fill in the blanks (Each carrying 1 mark)	1×10	10
2.	10 Questions on write True or False (Each carrying 1 mark)	1×10	10
3.	5 Questions on Application based questions (Each carrying 1 mark)	1×5	5
4.	10 Questions on, 'One Word Answer' (Each carrying 1 mark)	1×10	10
5.	5 Questions on Multiple Choice (Each carrying 1 mark)	1×5	5
6.	15 Questions on Answer the following (Each carrying 2 marks)	2×15	30
7.	Conversion of Number System (Each carrying 2 marks)	2×5	10

DISTRIBUTION OF MARKS WITH RESPECT TO PATTERN OF QUESTIONS FOR SECOND TERMINAL (SA-2) EXAMINATION

Sl. No.	Types of Question	Marks × No. of Questions	Total Marks
1.	10 Questions on Fill in the blanks (Each carrying 1 mark)	1×10	10
2.	10 Questions on write True or False (Each carrying 1 mark)	1×10	10
3.	5 Questions on Match the Column (Each carrying 1 mark)	1×5	5
4.	5 Questions on Multiple Choice (Each carrying 1 mark)	1×5	5
5.	Uses of HTML Tags / Tools	1×5	5
6.	5 Questions on Application based (Each carrying 1 mark)	1×5	5
7.	5 Questions on Define terms (Each carrying 2 marks)	2×5	10
8.	10 Questions on Answer the following (Each carrying 2 marks)	2×10	20
9.	Output of HTML tag	2×1	2
10.	Write HTML Program	4×2	8

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

**SYLLABUS - CLASS-VII
SESSION - 2019-20**

VALUE EDUCATION

Class - 7

F.M. – 25 / Grade - ABCDE)

Prescribed Book – PEARLS - My Book of Moral Values Book-7
Publisher – United Publishing House

1st TERM - WORK PROPOSED

Lesson :

- | | |
|--------------------------|-------------------------|
| 1. Ben Obeys | 2. A Saint's Blessings |
| 3. A Great Warrior | 4. The White Elephants |
| 5. Swachh Bharat Abhiyan | 6. The Diamond Necklace |
| 7. A Poor Boy in Grave | |

Revision and Half-Yearly Examination 2019-2020.

2nd TERM - WORK PROPOSED

- | | |
|-------------------------------|---------------------------------|
| 8. Heart Test | 9. The Beauty of Patience |
| 10. Peace in Time of Struggle | 11. An evening with Grandfather |
| 12. Aashi, the Alert Girl | 13. Being Safe Online |
| 14. Say No to Bad Touch | |

Revision and Annual Examination 2019-2020.

SCHEME OF LESSONS FOR THE SESSION - 2019-2020

**SYLLABUS - CLASS-VII
SESSION - 2019-20**

GENERAL KNOWLEDGE

Class - 7

F.M. – 25 / Grade - ABCDE)

Prescribed Book – Know for Sure Book-7

Publisher – Britannica Learning

1st TERM - WORK PROPOSED

1. The Natural World
2. Things Around me
3. Numbers and Logical Skill
4. Science and Technology
5. Language and Literature Legends and Myth.

Revision and Half-Yearly Examination 2019-2020.

1st TERM - WORK PROPOSED

6. Arts and Music
7. Sports
8. The World Around us.
9. Mixed Bag.

Revision and Annual Examination 2019-2020.

- N.B.:**
1. There will be no Unit Assessment in General Knowledge and Value Education. Only 1st & 2nd Term Examinations will be conducted.
 2. All Activities / Assignments & Projects may be undertaken on Life Skills and on PEACE Education.

SCHEME OF LESSONS FOR THE SESSION - 2019-2020**SYLLABUS - CLASS - VII
SESSION - 2019-20****CREATIVE ART & ACTIVITY**

Book Recommended – Creative Art & Activity - Book - 6

TERM - I

Month	Art	Activity
April-June	1. Pencil shading : Pots Pg. No. - 3 2. Water colour effect : Rocket : Pg. No. - 4 3. Texture paper Technique : Snake : Pg. No. - 6-7 4. Draw & colour : Flower pot Pg. No. - 8-9 5. Drawing : Still life : Pg. No. - 10-11 6. Draw & colour : still life : Pg. No. 14-15	1. Craft : Chinese opera mask : Pg. No. -5 2. Craft : Angel : Pg. No. 12-13
July-September	1. Drawing : Cartoon Pg. No. - 16 2. Still Life : Fruit Basket : Pg. No. - 18-19 3. Cotton Impression : Scenery : Pg. No. 20-21 4. Water colour shading scenery : Pg. No. - 22-23 5. Poster colour shading : Tortoise Pg. No. - 24-25 6. Perspective : House corridor : Pg. No. - 26 7. Colour Pencil Dust Drawing : Landscape : Pg. No. - 27	1. Craft : Easter Bonnet . Pg. No. - 17 2. 3. Rangoli design drawing and colouring

Summative Assessment - I (In the month of September 2017-2019)**TERM - II**

Month	Art	Activity
October-December	1. Oil Postel shading : Lion : Pg. No. 28-29 2. Black water colour Effect : Tree Pg. No. - 30-31 3. Poster colour painting : Parrot : Pg. No. - 32-33 4. Draw & colour : Cartoon Pg. No. - 34-35 5. Draw & colour : Rajasthani Art : Pg. No. - 36-37 6. Drawing : Face Expression : Pg. No. - 38 7. Drawing Caricature : Pg. No. - 39	Craft - Accordion Fish : Pg. No. 40-41 Craft : Seashell : Pg. No. 44-45
January-February	1. Block Drawing : Human Face Pg. No. - 42 2. Sketch Pen Tip colouring : Fruits Pg. No. - 43 3. Paper collage : Scenery Pg. No. - 46 4. Light & Shade : Face : Pg. No. - 47	
October-January	Drawing some pattern design & nature drawing colouring.	

Summative Assessment - II (In the month of February-March 2019)