# Syllabus 2020-21 Class - VII Subject : ENGLISH

Distribution of Marks for TERM I and TERM II:

Section A (Reading): 15 Marks

Section C (Grammar): 25 Marks

Total: 80 Marks

Section B (Writing): 15 Marks

Section D (Literature): 25 Marks

Time: 2 ½ Hrs.

Publisher: Ratna	Literature Communicate in	Grammar-Grammar & More
Sagar	ENGLISH	

## Term - I

Month	Unit	Sec	Name of Chapters	Name of Chapters
April	I	1.	Hopscotch (Prose)	CH - 1 Sentences CH - 2 Nouns
		2.	Gulli – Danda (story)	Do more with grammar (1-4) (Not to be tested)
May		3.	The Echoing Green (Poem) Enrichment Activities (Not to be tested)	NOTICE: Pg. no. 163 -164 Comprehension: 1& 2 Pg. no. 151-153

## Periodic Test I (Syllabus - April)

	II	1.	Those Six Days (Diary Entries)	CH -3 Articles
July		2.	Around the World in 80 Days	CH – 4 Pronouns Worksheet – I
			(Adventure)	Formal Report :
			(Not to be tested)	Pg.166- 167
		3.	A Trek Through the Himalayas (Poem)	Comprehension – 3
			Enrichment Activities	Pg no.154-155
			(Not to be tested)	

## Periodic Test II (Syllabus May to July)

August	III	1. 2.	Henry: A Chameleon (Amusing story) Packing for the Journey (Extract)	CH: 5 Adjectives CH: 6 Verbs
		3.	(Not to be tested) Foolish Questions (Poem) Enrichment A ctivities.	Descriptive Essays; 1& 2 Page no. – 161-162 Worksheet – 2
			(Not to be tested)	Revision - 1

(1) Class 7

Sept- ember	*	REVISION Mid - Term	REVISION Mid - Term

## September→ Mid Term (Syllabus - April to August) Term- II

October	IV	1.	One Earth to One World : Quote (speech)	CH. 7 Tenses CH. 8 Voice
		3.	Where the Mind is without Fear (Poem)	Letter of Complaint : Pg no. 164-165
			Enrichment Activities (Not to be tested)	Comprehension – 4 Pg. no 155-156

Nov- ember	IV V	<ol> <li>1.</li> <li>3.</li> </ol>	The Stranger (Prose)  Sir Lawley's Ghost (story)  The Little Green Orchard ( Poem)  Enrichment Activities (Not to be tested)	CH. 9 Speech  CH. 10 Adverbs  Comprehension-5 Pg no. 156-159
Dec- ember	V	2. 1. 3.	The Ghost of Christmas yet to come (story) (Not to be tested)  Apologize! (Prose)  The English Lesson (Poem)  Enrichment Activities (Not to be tested)	CH.11 Prepositions  Figures of speech Pg. no. – 147-148  Comprehension – 6 Pg. no. 159-160

(2) Class 7

## Periodic test- III (Syllabus : October & November)

Jan-	VI	2.	On Being Sarah (Prose)	CH. 12 Conjunctions	
uary	VII	1. 3.	Salim and Tansen (Prose)  The Fabulous, Fabled Silk Road (Poem)	Do More with Grammar (5-9) (Not to be tested) News paper Report Pg. no. 167-168	
			Enrichment Activities (Not to be tested)		
Feb- ruary	VII	2.	Mahabalipuram (Prose) (Not to be tested)	Worksheet- 3 & 4  Revision - 2	
		*	REVISION	Descriptive Essays: 3, 4 & 5 Pg. no. 161-162	
				Repeated chapters CH. 3 & 6	
March	Annual Examination (Syllabus - October to February)				

## **NOTE:**

- 1 The following topics of 'Communicate in English' will not be tested in exams:
  - a. Questions of Discuss (Critical Appreciation)
  - b. Grammar
  - c. Writing sections
- 2 The following topics of 'Communicate in English' will be tested:
  - a. Questions of Think & Discuss (HOTS)
  - b. Words in use
  - c. Punctuation
- The following topics of 'Communicate in English' can be practiced in the class as per convenience but will not be tested:

(3)

- a. Enrichment activities
- b. Model Test Paper I & II
- 4 30% Questions will be framed from outside exercises related to the chapter.
- 5 Class tests will be conducted after completion of each unit in Literature and each topic in grammar.
- 6 The following chapters of 'Grammar & More' will not be evaluated (only to be practiced):
  - a. Worksheet 1, 2, 3 & 4
  - b. Revision I & II
  - c. Do More with Grammar

## Class - VII

## **Subject Enrichment Activities**

Month	Activity	Beneficial for Students
1) April/ May ( any one )	Using Dictionary  1. Write meanings of 5 words given by respective subject teachers.  2. Frame sentences of your own (8 – 10 words)	This activity will help the students to know the meaning of new English words and their use in daily life or in a natural way.
2) July	1. Travelogue ( with pictures)	1. This activity will help the students to form a virtual tour or travel documentary with their observation of different places, countries and cultures.
3) August ( any one )	<ol> <li>Speak on a topic</li> <li>Anagrams</li> </ol>	This will help the students for public speaking. Practice of anagrams will develop the skill of the students in formation of new words.
4) October ( any one )	Extempore     Declamation	Extempore will help to develop the speaking skill of the pupils without prior knowledge of the subject or topic or non formal speech.  Where as declamation speech will help the students in re interpreting the original speech and reproducing a fresh one. This will also enhance public speaking skills.
5) November	1. Dictation	This will benefit students in the use of spelling skills and newly learned words in context.
6) December	1. Debate	This will develop the student skill in public speaking and thinking in a clear, precise, accurate, relevant, logical and consistent manner.
7) January ( any one)	<ol> <li>Underline all the adjectives</li> <li>circle the adverbs on page</li> <li>no in Book.</li> <li>Write one antonym &amp; one synonym of the given words.</li> </ol>	Develop prominency or practical use of the adverbs and adjectives. This will develop their language skill, and enhance their own writing in creative way. This activity will be more effective as the students will learn many words of same meanings.

Class 7 (4)

# Syllabus 2020-21 Class - VII Subject : ENGLISH

## **BLUE PRINT**

## English Literature (Term I & Term II respectively)

S.N.	Торіс	Marks
1.	Word Meanings	6
2.	Summary of Poem	4
3.	Question / Answer	8
4.	Multiple choice questions	3
5.	Who said to whom	2
6.	Words in use/punctuation/True & False	2
	(Book exercises other than grammar & writing part)	
7.	Comprehension prose Q/A, MCQs	6
	Poem - Antonyms / Synonyms, T.F., Fill ups	6
8.	Seen extract from literature - Q/A, MCQs	3
	(internal choice can be given between prose & Poetry)	

Total 40

## **English language (Term I)**

S.N.	Торіс	Marks						
	Writing skills (Term I)							
1.	Notice writing	7						
	or							
	Formal report							
2.	Descriptive essays	8						
	Grammar							
1.	Sentences	5						
2.	Nouns	3						
3.	Articles	4						
4.	Pronouns	4						
5.	Adjectives	4						
6.	Verbs	5						

(5)

Total 40

## English language (Term II)

S.N.	Торіс	Marks					
	Writing skills (Term II)						
1.	Letter of Complaint	8					
2.	Newspaper Report or Descriptive essays	7					
	Grammar	•					
1.	Tenses	4					
2.	Voice	3					
3.	Speech (narration)	3					
4.	Adverbs	2					
5.	Preposition	2					
6.	Conjunctions	3					
7.	Figures of speech	2					
8.	Articles	2					
9.	Verbs	4					

Total 40

(6) Class 7

## Syllabus 2020-21 Class - VII

**Subject: HINDI** 

	नवीन संकल्प हिंद मैं और मेरा व		न्यू सरस्वर्त	प्रकाशक : गी हाउस (इंडिया) प्रा. लि.
समय :	2.30 घंटे			पूर्णांक : 80
<b>खंड ''क'</b> (अपठित ग	<b>' अपठित बोध</b> ाद्यांश)			(5)
(पठित गद	्यांश, काव्यांश पर आधा गख्या, बहुवैकल्पिक, लघु	<b>मंकल्प हिंदी पाठमाला)</b> रित प्रश्नोत्तर उत्तरीय, दीर्घउत्तरीय प्रश्न, शब्	दार्थ, भाव/आशय,	40 (5+5+5+5+4+8+4+2+2)
	रुस्तक रा व्याकरण)			20
खंड ''घ' रचनात्मक (निबंध, पट				15 (7+5+3)
			योग	80
		Ţ	erm I	
माह	इकाई	पाठ के नाम	में औ	र मेरा व्याकरण
पाठ 2 आत्मकथा मेरा बचपन मेरी शैतानियाँ पाठ 2 वर्ण— पाठ 3 संधि विज्ञापन — रचना पत्र (अनौपचारिक) अपने छोटे भ			पाठ 1 भाषा—विचार (केवल अभ्यास के लिए) पाठ 2 वर्ण—विचार पाठ 3 संधि आइसक्रीम बनाने वाली कंपनी के लिए एक आकर्षक विज्ञापन अपने छोटे भाई को विद्यालय के वार्षिकोत्सव का वर्णत करते हुए पत्र लिखिए।	
मई	पाठ 3 लेख निबंध	सफलता की त्रिवेणी	पाठ ४ शब्द—विचार वन—संपदा की करो रक्षा	
		प्रथम सामयिक प	गरीक्षा (पाठ्यक्रम अप्रैल)	
जुलाई	पाठ ४ व्यक्तित्व पाठ ५ कविता पाठ ६ एकांकी पत्र (औपचारिक)	सालिम अली यह धरती कितना देती है! विजय–पर्व	पाठ 5 शब्द—भंडार पाठ 6 विविध पाठ 7 उपसर्ग, प्रत्यय तथा र पाठ 8 संज्ञा अपने क्षेत्र के समाचार—पत्र व कारण हो रही दुर्घटनाओं के	हे संपादक को अव्यवस्थित यातायात के
द्वितीय सामयिक परीक्षा (पाठ्यक्रम मई — जुलाई)				
अगस्त	पाठ ९ कविता । उड़ चल हारिल । पाठ १० सर्वनाम विज्ञापन—रचना । दीपावली सेल' के दौरान वि			5 सी नामी वस्त्र कंपनी के लिए विज्ञापन
सितम्बर	पाठ 10 लेख	एक पुरखाः एक पड़ोसी (केवल पढ़ने के लिए)	पाठ 11 विशेषण	

	अर्द्धवार्षिक परीक्षा (पाठ्यक्रम अप्रैल से सितम्बर)				
			Term II		
अक्टूबर	पाठ ८ कहानी पाठ ११ कहानी पाठ १२ लेख पत्र (अनौपचारिक)	चश्मा नमक का दारोगा दर्शनीय स्थलों का प्रदेश – उड़ीसा (केवल पढ़ने के लिए)	पाठ 12 क्रिया पाठ 13 काल पाठ 14 अविकारी शब्द मामा जी ने नया घर लिया है, बधाई देते हुए पत्र लिखिए।		
नवंबर	पाठ 13 पद पाठ 14 कहानी विज्ञापन—रचना	सूरदास के पद चप्पल टूट गई	पाठ 15 वाक्य पाठ 16 अशुद्ध वाक्यों का संशोधन जूस बनाने वाली एक बड़ी कंपनी के लिए आकर्षक विज्ञापन		
दिसंबर	पाठ 15 कहानी पाठ 16 कविता पाठ 17 कहानी निबंध पत्र (औपचारिक)	मोतीलाल के दीये (केवल पढ़ने के लिए) नए समाज के लिए शहीद बकरी	पाठ 17 विराम—चिह्न पाठ 18 मुहावरे और लोकोक्तियाँ चलचित्र/सिनेमा सुधारक बनाम विनाशक वन विभाग के अधिकारी को अपने क्षेत्र में वृक्षारोपण का सुझाव देते हुए पत्र लिखिए।		
		तृतीय सामयिक परीक्ष	। (पाठ्यक्रम अक्टूबर से नवम्बर)		
जनवरी	पाठ १८ नदी—यात्रा पाठ १९ कविता विज्ञापन—रचना निबंध	नदी का गीत कल और आज	'शक्तिवर्धक पेय' के लिए रंगीन, सुंदर व आकर्षक विज्ञापन सब पढ़ो, आगे बढ़ो		
फरवरी	पाठ 20 प्रेरक—प्रसंग	मित्र हो तो ऐसा	शब्द–भंडार, उपसर्ग, प्रत्यय तथा समास (पुनरावृत्ति पाठ)		
मार्च	मार्च वार्षिक परीक्षा (पाठ्यक्रम अक्टूबर से फरवरी)				

#### Note:

- पाठ के आरंभ में सुलेख अंत में श्रुतलेख व पाठ के पूर्ण होने पर कक्षा परख लिया जाएगा।
- नवीन संकल्प पाठमाला में पूछे गए 'मुख से' प्रश्नों को भी मूल्यांकन हेतु प्रश्न–पत्र में शामिल किया जाएगा।
- पाठों की रचनात्मक गतिविधियों का प्रयोग विषय संवृद्धि (subject enrichment) गतिविधियों के रूप में किया जाएगा।
- सभी पाठों के मध्य से 30% प्रश्न पूछे जाएँगे।
- व्याकरण संबंधी प्रश्न "मैं और मेरा व्याकरण" पुस्तक से ही पूछे जाएँगे।
- पाठ्यक्रम में आने वाली कविताएँ अनिवार्य रूप से कंठस्थ करवाई जाएँगी व प्रश्नपत्र में पूछी जाएँगी।

(8)

- प्रश्न पत्र में स्वरचित निबंध भी पूछे जा सकते हैं।
- प्रश्न पत्र में अभ्यास कार्य में करवाई गईं विज्ञापन—रचनाओं के अतिरिक्त किसी नए विषय पर भी विज्ञापन—रचना पूछी जा सकती है।

Clas

## Syllabus 2020-21 Class - VII

**Subject: MATHEMATICS** 

Name of the Book: Mathematics for class VII (R.S. Aggarwal)

Writer/ Publisher: Bharati Bhawan

Total Marks: 80

		TERM I	
Month	Chapter No.	Chapters to be covered	Wtg.
April	Chapter 1	Integers	8
	Chapter 2	Fractions (2B- Q.8 to 15,2C – Q. 6 to 14 Not to be Tested)	8
May	Chapter 3	Decimals (3C – Q. 9 to 19, 3D- Q.8 to 16 Not to be Tested)	8
		Periodic Test – I (Syllabus-April) ( Ch-1,2) - 30 Marks	
July	Chapter 4	Rational Numbers	10
	Chapter13	Lines and Angles	8
	Chapter 14	Properties of Parallel Lines	8
August		Periodic Test – II (Syllabus-May- July)(Ch-3,4,13,14) – 30 Marks	
	Chapter 15	Properties of Triangles	12
	Chapter 17	Constructions	10
	Chapter 12	Simple Interest	8
September		Mid Term Examination (Syllabus April to August)	80
		TERM II	•
October	Chapter 5	Exponents	6
	Chapter 6	Algebraic Expressions	8
	Chapter 22	Bar Graphs	5
November	Chapter 9	Unitary Method (9C Not to be Tested)	4
	Chapter 10	Percentage (10B Not to be Tested)	6
	Chapter 8	Ratio And Proportion (8C Not to be Tested)	6
	Chapter 16	Congruence	8
December	Chapter 11	Profit And Loss (11B Not to be Tested)	6
	Chapter 20	Mensuration [20A-(13 to Q20), 20B-(Q 6 to Q13), 20C-(Q11 to Q16), 20D-(Q-15	10
		to Q24), 20E-(Q13 to Q21), 20F-(Q11 to Q16), 20G-Whole Exercise	
		Not to be Tested ]	
		Periodic Test – III (Syllabus-October-November) ( Ch-5,6,22,9,10,8,6) -	
		30 Marks	
January	Chapter 7	Linear Equations in One Variable (7B-Q.16 to 35 Not to be Tested)	5
	Chapter 18	Reflection and Rotational Symmetry	4
	Chapter 19	Three-Dimensional Shapes	4
	Chapter 21	Collection and Organisation of Data	5
		(Mean, Median and Mode)	
February	Chapter 23	Probability	3
		Revision	
March		Annual Examination (October to February)	80

## NOTE:

- 1. Class test will be conducted after completion of every two chapters.
- 2. Weightage of extra questions (similar to the exercises given in the text book) will be 10%.
- 3. 60% of total textbook questions will be done as classwork and 40% will be given as homework.
- 4. Subject enrichment to be assessed through Mental Maths Exams in the form of MCQs.

(10) Class 7

# Syllabus 2020-21 Class - VII Subject : MATHEMATICS

## **BLUE PRINT**

SECTION A	
Q1) MCQ	10*1=10
Q2) FILL IN THE BLANKS	5*1=5
Q3) TRUE OR FALSE	5*1=5
SECTION - B	10*2=20
SECTION - C	6*3=18
SECTION - D	3*4=12
SECTION - E	5*2=10
TOTAL	80

(11) Class 7

## Syllabus 2020-21 Class - VII

**Subject: SOCIAL STUDIES** 

Max Marks- 80 Time-2:30 hr

Name of the book- Integrated social science

Writer Name-RK Jain

Distribution of marks for term I and Term II

Publisher Name- Ratna Sagar

Section A: History :35 Marks
Section B: Geography : 25 Marks
Section C: Civics :20 Marks

Type of questions framed will be as follows:

Objectives Type

Descriptive Type

1. Give Reason

2. Fill in the blanks

2. Distinguish between

3. Multiple choice question

3. Answer in brief

4. True or False

4. Answer in Detail

5. Match the Columns

5. HOTS( Question)

6. Content based paragraph

Month	Subject	Chapter No.	Chapters to be covered	Maps	Enrichment Activity	Wtg.
April	History	L - 1	The Medieval World (Not to be tested)			
		L - 2	The Regional Kingdoms - I	Pg No 17 - F		10
	Geography	L-1	Our Environment			10
	Civics	L-1	Democracy			5
May	History	L - 3	The Sultanate Period	Pg No 22	Pg. No. 29 (Map)	11
			PERIODIC TEST - I (SYLLAI	BUS OF APRIL	)	
July	History	L - 4	The Regional Kingdoms- II (Based on activity)		Enact one story of Tenali Raman in the class.	
		L - 5	The Great Mughals	Pg No 40	Page 47 - J	10
	Geography	L - 2	Inside Our Earth		Pg 116 (Crossword puzzle related to Earth)	8
	Civics	L - 2	The Pillars of Democracy			5

(12)

Class

		PER	IODIC TEST II (SYLLABUS	OF MAY to JU	JLY)	
August	History	L - 6	Monumental Architecture (Based on activity)		Monument Visit	
	Geography	L - 3	The Changing Earth	Pg. No. 123 (I)		8
		L - 4	Major Landforms	Pg. No. 130 (E)		3
	Civics	L - 3	Democracy in Action			5
		L - 4	State Government			5
September		MID TE	RM EXAMS (SYLLABUS C	F APRIL to Al	JGUST)	
			TERM II			
October	Geography	L - 5	Composition and Structure of the Atmosphere			10
	Civics	L - 5	Media and Democracy			6
November	History	L - 7	Town, Traders and Craftsmen	Pg. No. 70 - E		10
		L - 8	Tribal Communities (Not to be tested)			
		L - 9	Religious Beliefs			10
	Geography	L - 6	Weather and Climate	Pg. No. 140 Fig. 6.6	Pg. No. 146-G	10
	Civics	L - 6	Advertising (Based on Project work)		Ad based activity on the chart paper.	
December	History	L - 11	Political Formation in the 18 <sup>th</sup> Century	Pg. No. 97		12
	Geography	L - 7	Water		Pg No. 157-G (World Physical Map)	7
		L-8	Natural Vegetation and wild life (Not to be tested)			
		L - 9 L - 10	Human Environment Life in the tropical and subtropical regions (Not to be tested)			5
	Civics	L - 7	Market around us (Based on project work)			
		PERIODIC	TEST III (SYLLABUS OC	TOBER to NO	VEMBER)	
January	Geography	L - 11	Life in the Temperate Grasslands (Not to be tested)			
		L - 12	Life in the Deserts (Not to be tested)			

(13) Class 7

	Civics	L - 8	Role of Gender			5
		L - 9	India & Democracy			5
February	REVISION					
March	ANNUAL EXAMINATION (SYLLABUS OCTOBER to FEBRUARY)					

#### NOTE:

- 1. Class test will be conducted after completion of each chapter.
- 2. Weightage of extra questions framed from within the chapter will be 30%.
- $3.\,All\,the\,activities\,in\,a\,month\,should\,be\,conducted\,according\,to\,pgs\,mentioned\,in\,syllabus.$

Maps to be done	Page no. of maps
Map of India	Pg no-29
Map of India	Pg no-17,22
Map of India	Pg no-70 E
Map of India	Pg no-97
Map of India	Pg no-40, 41 (J)
Map of World	Pg no-123(I)
Map of World	Pg no-130(E)
Map of World	Pg no-157(G)
Map of World	Pg no-146(G)

(14) Class 7

# Syllabus 2020-21 Class - VII Subject : SOCIAL STUDIES BLUE PRINT

Question No.	Content	Marks Distribution	TOTAL Marks		
Section - A (HISTORY)					
Question - 1	Define the terms	1x5 = (5)	5		
Question - 2	Fill in the blanks	1x4 = (4)	4		
Question - 3	Multiple Choice Questions	1x02 = (02)	2		
Question - 4	True of False	½x4 = (2)	2		
Question - 5	Match the following	1x4 = (4)	4		
Question - 6	Hots - With internal choice	1x2 = (2)	2		
Question - 7	Distinguish between (Any 1)	1x2 = (2)	2		
Question - 8	Answer in brief (Any 3)	2x3 = (06)	6		
Question - 9	Answer in detail (Any 2)	3x2 = (06)	6		
Question - 10	Map	1x2 = (2)	2		
<u>'</u>	Section - B (GEOGRAPHY)		25		
Question - 1	Define the terms	1x3 = (3)	3		
Question - 2	Fill in the blanks	½x4 = (2)	2		
Question - 3	Multiple Choice Questions	1x2 = (2)	2		
Question - 4	True of False	1x2 = (2)	2		
Question - 5	Hots - With internal choice	1x2 = (2)	2		
Question - 6	Give one word	1x2 = (2)	2		
Question - 7	Answer in brief (Any 2)	2x2 = (4)	4		
Question - 8	Answer in detail (Any 2)	3x2 = (6)	6		
Question - 9	Map work	½x4 = (2)	2		
		or			
		1x2 = (2)			
'	Section - C (CIVICS)		20		
Question - 1	Define the terms (Any 2)	1x2 = (2)	2		
Question - 2	Fill in the blanks	½x4 = (2)	2		
Question - 3	Give one word/Full Forms	1x2 = (2)	2		
Question - 4	True or False	½x2 = (1)	1		
Question - 5	Distinguish between	2x2 = (4)	4		
Question - 6	Answer in brief (Any 3)	2x3 = (6)	6		
Question - 7	Answer in detail (Any 1)	1x3 = (3)	3		

## Syllabus 2020-21 **Class - VII**

**Subject: SCIENCE** 

Name of the boo	Time: 2½ Hrs.					
Writer / Publishe	Writer / Publisher : Harper Collins					
		TERM – I				
Month	Chapters	Chapters to be covered	Wtg.			
April	Chapter 1	Nutrition in Plants	12			
	Chapter 6	Heat and Temperature	12			
		Periodic Test I( Syllabus - April)	<b>.</b>			
May	Chapter 17	Forests: Our Lifeline	08			
July	Chapter 18	Wastewater Management	12			
	Chapter 4	Chemicals and Chemical Changes	12			
	Periodic	Test II (Syllabus – <u>Chapters 17 and 18</u> )				
• • •			10			
August	Chapter 11	Reproduction in Plants	10			
	Chapter 13	Electric current and its Effects  REVISION	14			
September	MID TE	REVISION RM EXAMINATION (Syllabus - April to Sept	emher)			
осресиисе.		TERM - II				
October	Chapter 15	Light	12			
	Chapter 9	Respiration in Organisms	10			
November	Chapter 8	Soil	08			
	Chapter 12	Time and Motion	08			
December	Chapter 5	Acids, Bases and Salts	08			
	Chapter 7	Climate and Adaptation	08			
	Periodic	Test III(Syllabus – <u>Chapters 15, 8 and 9</u> )				
January	Chapter 10	Transportation of substances	10			
	Chapter 14	Wind and Storm	08			
February		REVISION				
-	Chapter 11	Reproduction in Plants	04			
	Chapter 13	Electric current and its Effects	04			
March	March ANNUAL EXAMINATION (Syllabus -October to February)					

(16)

	SCIENCE- Suggested Diagrams (Chapterwise)				
	TERM-I	TERM-II			
Chapter No. & Name	Chapters to be covered	Chapter No.	Chapters to be covered		
Chapter 1 Nutrition in Plants	1.2 The opening and closing of stomata 1.4 The process of photosynthesis 1.8 The mechanism of trapping insects in Venus flytrap	Chapter 15 Light	15.4 Representations of convex mirror 15.6 Three types of concave lenses 15.8 Principal focus and focal length of (a) convex and (b) concave lenses 15.14 Spectrum of white light		
Chapter 17 Forests: Our Lifeline	17.6 Food chain found in forests. 17.7 The cycle of nutrients 17.8 A food web	Chapter 9 Respiration in Organisms	<ul><li>9.5 The organs for breathing in humans</li><li>9.8 Internal respiration</li></ul>		
Chapter 18 Wastewater Management	18.9 A septic tank	Chapter 12 Time and Motion	12.4 Pendulum		
Chapter 4 Chemicals and Chemical Changes	4.4 Set-up showing the passage of carbon dioxide to lime water	Chapter 5 Acids, Bases and Salts	5.9 Chart representing the variation of colours for universal indicator		
Chapter 11 Reproduction in Plants	11.1 A budding yeast 11.17 Structure of a flower 11.21 Sexual reproduction in hibiscus	Chapter 7 Climate and Adaptation	7.4 Distance from the sun affects the climate 7.5 Tilt of the Earth and its movement around the sun cause seasonal changes		
Chapter 13 Electric current and its Effects	13.1 Open and closed circuits  Table 13.1 —  Standard symbols for some components of electric circuits 13.5 Electric bell	Chapter 10 Transportation of substances	10.1 Transportation within a single cell 10.6 The internal structure of the human heart 10.8 The urinary system in human beings		
Chapter 6 Heat and Temperature	6.1 Parts of a thermometer 6.5 Fahrenheit and celsius scales	Chapter 14 Wind and Storm	14.2 Wind current 14.5 Cyclone flow pattern		
Temperature		Chapter 8 Soil	8.4 The Soil profile 8.5 Components of soil		

(17) Class 7

CHAPTER NO.	CHAPTER NAME	SUGGESTED ACTIVITIES (FROM TEXTBOOK AND OTHERS)	
		TERM - I	
1.	Nutrition in Plants	a. GROUP DISCUSSION -	
		Discuss the conditions in which different plants grow	
		and the type of nutrition they require.	
6.	Heat and	a. Pg.No. 81 - Activity 1	
	Temperature	b. Pg. No. 87 - Activity 3	
		c. To demonstrate the different types of thermometer.	
17.	Forests : Our Lifeline	GROUP DISCUSSION -	
		a. Discuss the uses of forests and prepare a list of the	
		products obtained from them.	
		b. Visit a nearby garden, park or a field. Prepare a list of	
		medicinal plants and flowering plants you see there.	
18.	Wastewater	a. Survey of the neighbourhood, identifying locations	
	Management	with open drains , stagnant water and possible	
		contamination.	
		b. Talk to your neighbours, friends and parents to create	
4	Chemicals and	awareness in them about rainwater harvesting.	
4.	Chemical Changes	a. Pg.No. 57 - Activity 1 b. Pg.No. 58 - Activity 2	
	Chemical Changes	<ul><li>b. Pg.No. 58 - Activity 2</li><li>c. Cut an apple and leave it for 20 minutes. Afterwards</li></ul>	
		observe the changes on the cut fruit.	
		d. To demonstrate the reaction between vinegar and	
		baking soda.	
		e. To demonstrate the reaction between copper	
		sulphate and iron.	
11.	Reproduction	a. To study the different parts of a flower using hibiscus	
	in Plants	flower.	
		b. To demonstrate the potato tuber, onion bulb and ginger	
		rhizome.	
		<ul> <li>c. To demonstrate the vegetative propagation through</li> </ul>	
		Bryophyllum leaves.	
13.	Electric current and	a. Pg. No. 177 Activity 1	
	its Effects	b. To demonstrate the components of electric circuit (taken	
		from lab).	
		c. To make a simple circuit.	
		d. To demonstrate the working of an electric bell.	
15	1:-64	TERM - II	
15.	Light	<ul><li>a. Pg. No. 201 Activity 1</li><li>b. Pg. No. 201 Activity 2</li></ul>	
		c. Pg. No. 201 Activity 2	
		d. To demonstrate the lateral inversion using mirror and	
		some English alphabets like D, L and K etc. or words like	
		'AMBULANCE' written on cardboard.	
		e. To use prism in order to understand the phenomenon of	
		dispersion of white light.	
		f. To demonstrate the different types of lenses.	

(18) Class 7

8. Soil a. Pg. No. 110- Activity 2	
b. Pg. No. 110- Activity 3	
c. To study the different types of sc	oil on the basis of their
properties.	
d. Paste the pictures of different type	pes of crops growing in
each type of soil.	
9. Respiration in a. To observe breathing rate before	
Organisms b. To demonstrate the slide of stom	natal cells in rheo leaf
slide.	
12. Time and Motion a. To demonstrate the simple pend	ulum and find out its time
period.	
b. To demonstrate the sand clock.	
5. Acids, Bases and a. Pg. No. 65 - Activity 1	
Salts b. Pg. No. 70- Activity 2	
c. Pg. No. 72- Activity 3	
d. Wash turmeric stain with soap ar	nd observe the colour
change.	
e. Take juice of china rose in two b	eakers .In one beaker
pour lemon juice and in other be	aker pour washing
powder. Observe the colour chan	ge.
f. Investigate the nature of a given	substance using
phenolphthalein and methyl orai	nge indicators.
g. Find the pH value of an unknown	n solution using the pH
paper.	
7. Climate and a. Paste the pictures of birds which	_
Adaptation breeding from various parts of w	orld.
10. Transportation of a. Pg. No. 139 Activity 1	
substances b. Pg. No. 140 Activity 2	
14. Wind and Storm a. Pg. No. 187 Activity 1	
b. Pg. No. 190 Activity 4	

(19)

#### **SUBJECT ENRICHMENT**

## > Types of questions suggested for subject enrichment-

- a. MCQ's from suggested activities.
- b. Crossword puzzles.
- c. Label the diagram.
- d. Identify the process, parts, given samples or the slides shown.
- e. Give one word answer.
- f. Precautionary measures to be taken in lab.
- g. Observations and conclusions.
- h. Draw the diagram.
- i. Unscramble the jumbled words.

Month	Chapter No.	Chapter Name	Suggested Subject Enrichment		
			From Teacher's Manual	Others	
April	Chapter 1 Chapter 6	Nutrition in Plants Heat and Temperature	Pg. No. 15 (Worksheet 1)	a. Discuss the importance of plants in the lives of human beings and ways to preserve the plant life.	
July	Chapter 17 Chapter 18 Chapter 4	Forests: Our Lifeline Wastewater Management Chemicals and Chemical Changes	Pg. No. 149 (Worksheet 1), Pg. No.44 (Worksheet 2)	<ul> <li>a. If you drop an iron nail into the copper sulphate solution, what will you notice after sometime? Write the observations and identify the type of change.</li> <li>b. Prepare a list of some common examples from our everyday life showing physical and chemical changes.</li> <li>c. Visit a nearby garden,park or a field. Identify the plants and prepare a list of medicinal plants and flowering plants present there.</li> </ul>	
August	Chapter 11 Chapter 13	Reproduction in Plants Electric current and its Effects	Pg. No.97 (Worksheet 1), Pg. No. 98 (Worksheet 2)	a. Identify the given components of the electric circuit .Draw their standard symbols and Identify the given components of the electric	

(20)

October	Chapter 15	Light	Pg.No.124 (Worksheet 1)	a.	circuit .Draw their standard symbols and give their uses. Identify the phenomenon taking place through a
					prism and draw diagram also.
November	Chapter 8	Soil	Pg. No.75	a.	Observe the slide of rheo
	Chapter 9	Respiration in Organisms	(Worksheet 2), Pg. No. 84		leaf cells under a microscope and identify
	Chapter 12	Time and Motion	(Worksheet 3)		the stomatal cells .Draw
	•		,		its diagram.
December	Chapter 5	Acids, Bases and Salts	Pg. No. 68	a.	Identify whether the
	Chapter 7	Climate and Adaptation	(Worksheet 2)		given substance is acidic,
					basic or neutral (use turmeric indicator) -
				i.	Table salt
				ii.	Water
				iii.	Soap
				iv. v.	Orange Shampoo
January	Chapter 10	Transportation of	Pg. No. 118	v. a.	Find out and list 3
		substances	(Worksheet 2)		measures to reduce the
	Chapter 14	Wind and Storm	·		risk of heart disease.

#### NOTE:

- 1. Class test will be conducted after completion of every 2 chapters.
- 2. Weightage of extra questions framed from within the chapter will be 20%.
- 3. In the Annual exam, 10 % weightage will be given to the revision chapter mentioned.
- 4. Chapter -2(Nutrition in Animals), Chapter -3 (Fibre to Fabric) and Chapter-16 (Water) can be given as project work and is not to be tested.

#### **Suggested Remarks:**

- Ch- 2 (Nutrition in Animals) can be studied in higher classes.
- Ch -18 (Wastewater Management) has been included in the syllabus. The knowledge of this chapter should be given to the students as it is a need of present time.

Session 2020-21

Class - VII

Subject : SCIENCE

## **BLUE PRINT**

## MID TERM / ANNUAL EXAMINATION

Question No.	Content	Total Questions	No. of Questions Attempted by a Candidate	Marks
Q.1	M.C.Q.	10	All	1x10=10
Q.2	Fill in the blanks	5	All	1x5=5
Q.3	True/False	6	All	½x6=3
Q.4	One word	5	All	1x5=5
Q.5	Match the column	6	All	½x6=3
Q.6	Define Terms	6	Any 5	2x5=10
Q.7	Differentiate	3	All	2x3=6
Q.8	HOTS	5	All	1x5=5
Q.9	Short Answers	6	All	2x6=12
Q.10	Long Answers	6	Any 5	3x5=15
Q.11	Diagram	3	Any 2	2x3=6
Total				80
Marks				

(22)

## Syllabus 2020-21 Class - VII

**Subject: COMPUTER SCIENCE** 

Name of the Book: Getting in Touch

Writer/ Publisher: KIPS

Total Marks: 40

Month	Chapter No.	Chapter Name	Lab work		
April	Chapter 1	Computer Hardware	Lab Activity Pg . No. 12		
			(MS Word)		
May	Chapter 3	The Virus	Lab Activity Pg. no. 28 (MS Power Point)		
•	Р	T – I (Syllabus April and May)	,		
July	Chapter - 4	Microsoft Windows 7	Lab Activity Pg. no. 36 (Windows)		
·	Chapter – 5	Chapter – 5 Enlivening A Presentation			
		PT – II (Syllabus July)	104 , 105		
August	Chapter – 6	Log On To MS Excel 2007	Lab Activity Pg. no. 56 (MS Excel) Project World on Pg. No. 102, 103		
	Revision				
September	MID TERM EXAMINATION (Syllabus April to August)				
October Chapter – 7		Editing A Worksheet	Lab Activity Pg. no. 65 (MS. Excel)		
November	Chapter - 8	Formulas And Functions	Lab Activity Pg. no. 75 (MS Excel)		
	Chapter - 9	Looping Statements	Lab Activity Pg. no. 85, 86 (Q Basic)		
December	Chapter - 2	Number System	Lab Activity Pg. No. 20, 21, 22		
	PT -	II (Syllabus October & November)			
January	Chapter - 10	Surfing Net And E -Mail	Internet Based Activity		
February	Chapter - 11	Societal Impacts of IT	-		
March	ANNUA	ANNUAL EXAMINATION (Syllabus October to			
	February)				
		,,			

#### Note:

- Class test should be taken aftercompletion of each Chapter.
- Additional information given in the chapter at right side of thepages must be discussed in the class.

## Syllabus 2020-21 Class - VII

**Subject: COMPUTER SCIENCE** 

## **BLUE PRINT**

QUESTIONS NO. :	CONTENT	TOTAL QUESTIONS	NO. OF QUESTIONS TO BE ATTEMPTED BY THE STUDENTS	MARKS
Question 1	Fill in the blanks	5	All	1x5=5
Question 2	True of False	5	All	1x5=5
Question 3	Multiple Choice Questions	5	All	1x5=5
Question 4	Full Forms/ Short Cut keys	5	4	1x4=4
Question 5	Programs Or Number System	3	2	2x2=4
Question 6	Answer in one word/ Describe the terms/Short Note	5	All	1x5=5
Question 7	Question - Answers	8	6	2x6 = 12
			TOTAL MARKS	40

(24)

# Syllabus 2020-21 Class - VII Subject : GENERAL KNOWLEDGE

Name of the Book : Next GENERAL KNOWLEDGE
Time: 1 hr
Publisher: Next. Education India Pvt. Ltd.
Marks: 40

TERM - I			
Month	Pg. No.	Lesson Name	
April	1-9	The Constitution of India, Famous Libraries, Famous Tribes, Certification	
		Marks, Criminal Litigation, Founders of Institutions and Organisations and	
		Current Affairs	
May	10-11	FIFA Winners, Martial Arts and Belts and Current Affairs	
		Periodic Test – I (Syllabus – April)	
July	12-17	Inspirational Olympic Moments ,Famous Paralympic Athletes, Indian	
		Premier League, Confusing Words, Famous autobiographies and Current Affairs.	
		Periodic Test – II (Syllabus - May & July)	
August	18-24	Poems and Poets, Consonant Digraphs, What's in a Nym?, Colours in Language and Current Affairs	
	43-46	Leadership Qualities, Etiquettes, Air Travel,	
	66-67	Revision and Recap	
		REVISION	
September	ptember MID TERM EXAMINATION (Syllabus – April to August)		
		TERM - II	
October	25-35	Indoor Plants, Famous Forests, Bio Terms, Dangerous Insects, Life under	
		Water, Wonderful Animals, Nobel Peace Prize Winners, National Anthems	
		and Current Affairs	
November	36-42	Unusual Architecture, Famous Magicians ,World in the 21 st Century, Units	
		of Measurement and Current Affairs	
December	47-51	Chemical and Common Names, Internet Safety, Computer and Internet Use, Accidental	
		Discoveries and Inventions and Current Affairs	
	P	eriodic Test – III (Syllabus – October & November)	

(25)

January	52-61	Alphabet Puzzles, What Comes Next?, Matchstick Puzzles, Shape	
		Puzzles, Hollywood, Food Quiz , And the Oscar goes to , Indian	
		Railways and Current Affairs	
February	62-65	Famous Kings and Emperors of India, Mythological Characters and	
		Current Affairs	
	68-71	Revision & Recap	
REVISION			
March	ANNUAL EXAMINATION (Syllabus - October to February)		

**Current Affairs**: News paper reading.

Important news of National Interest from Newspaper ( $1^{st}$ April  $-31^{st}$  August) Term -1 Important news of National Interest from Newspaper ( $1^{st}$ October $-28^{th}$  February) Term -1 Note:

- 1. Question paper will be of 40 marks (30+5+5).
- 2. Questions regarding current affairs and calendar of 5 marks each will be framed locally by the branch during the examination.
- 3. The Question of theme 6 (43-46) which is given in Revision and Recap (68-71) will be asked in Term I.

(26) Class 7

## Syllabus 2020-21 Class - VII

**Subject: GENERAL KNOWLEDGE** 

## **BLUE PRINT**

M.M.: 30+5 (Calendar) + 5 (Current Affairs)

NO. OF QUESTIONS	CONTENTS	TOTAL QUESTIONS	MARKS
Question 1	Questions /Answers	10	1x10=10
Question 2	True of False	5	1x5=5
Question 3	Name the following	5	1x5=5
Question 4	Match the following	5	1x5=5
Question 5	Fill in the blanks	5	1x5=5
		TOTAL M	ARKS: 30

(27)

## Syllabus 2020-21 Class - VII

**Subject: SANSKRIT** 

कुल अंव	₱:50			समय : 2 घ	iटे
_	का नाम : सुबोध संस्कृतमाला	भाग - 2		पब्लिशर्सः सॉविनिय	र पब्लिशर्स प्रा लि
1.	अनुवाद (संस्कृत से हिन्दी में)	04	9.	गणना	02
2.	अनुवाद (हिन्दी से संस्कृत में)	03	10.	संधि	02
3.	रिक्त स्थान	03	11.	विभक्ति एवं वचन	02
4.	शब्दार्थ	02	12.	निबन्ध	06
5.	प्रश्नोत्तर	04	13.	शब्द रूप	03
6.	वाक्य प्रयोग	01	14.	धातु रूप	03
7.	वाक्य शुद्धि	01	15.	श्लोक का अर्थ	02
8.	बहुवैकल्पिक प्रश्न	02		कुल योग	40
माह	TERM-I (अंक भार — प्रश्न पत्र 40 3	iक+ UT 10 अंक)	माह	TERM-II (अंक भार — प्रश्न पत्र	40 अंक+ UT 10 अंक)
अप्रै ल	पाठ 1, 2, 3, गणना 21 से 35 तक			पाठ 11, 12 शब्द रूप—छात्रा (आकारान्त हरि (इकारान्त पु	ल्लिंग)
मई	पाठ ४ निबन्ध — उद्यानम्	नवम्बर	पाठ 13 अभ्यास प्रश्न पत्र— निबन्ध — अस्माकं देशः शब्द रूप — युष्पद् (सर्वनाम्		
	(UT—1 अप्रैल का पाठ्यक्रम)		_		
जुलाई	पाठ 5, 6, 7 ,अभ्यास प्रश्न पत्र—1 शब्द रूप – पितृ (ऋकारान्त पुल्लिंग), अस्मद् (सर्वनाम) धातु रूप—भू धातु (पाँचों लकारों में)			पाठ 14, 15, अभ्यास प्रश्न निबन्ध — महाकवि कालिदार धातु रूप — नम् धातु (पाँचों	सः
	(UT —2 मई — जुलाई तक का पाठ्यक्रम)			(UT—3 अक्टूबर, नवम्बर तक	का पाठ्यक्रम)
अगस्त	I			पाठ 16, 17 गणना 36 से 50 तक	
सितम्बर	पाठ 1 से 10 तक पुनरावृत्ति (र	सम्पूर्ण पाठ्यक्रम) (Term I)	फरवरी	पाठ 11 से 17 तक पुनरावृन् आदर्श प्रश्न पत्र–2	ते,
	अर्द्धवार्षिक परीक्षा (अप्रैल से सि	मार्च	पुनरावृत्ति पाट्यक्रम— पाठ 2 काल) प्रथम पुरुष तीनों वचः (भविष्यत् काल) मध्यम पुर सम्पूर्ण व्याकरण (Term॥)	न, पाठ 9 लृट् लकार	
	पाठ्यक्रम)			कि परीक्षा अक्टूबर से फरवरी त	क का पातराकम
नोट :	(1) तीन पाठों के पूर्ण होने पर कक्षा परख लिया जाए। (2) समस्त पाठों के मध्य से 20 प्रतिशत प्रश्न पूछे जाएँगे। (3) पुनरावृत्ति पाठ्यक्रम के आधार पर 20 प्रतिशत प्रश्न वार्षिक परीक्षा में पूछे जाएँगे। (4) अभ्यास पुस्तिका 40 पेज। (5) कक्षा परख पुस्तिका 40 पेज। (6) निबन्ध 12 वाक्य मात्र।				

Syllabus 2020-21
Class - VII

**Subject: SANSKRIT** 

## अंक-विभाजन

• शब्दार्थ	02	• विभक्ति एवं वचन	02
• अनुवाद (संस्कृत से हिन्दी में)	04	• शब्द रूप	03
• अनुवाद (हिन्दी से संस्कृत में)	03	• धातु रूप	03
• रिक्त स्थान	03	• श्लोक का अर्थ	02
• प्रश्नोत्तर	04	• निबन्ध	06
• वाक्य प्रयोग	01	• बहुवैकल्पिक प्रश्न	02
• वाक्य शुद्धि	01	-	
• गणना	02		
• संधि	02		
		कूल योग	40

(29)

# Syllabus 2020-21 Class - VII Subject : ART & CRAFT

M.M.: Grades Time: 2 Hours

Name Of Book	Writer/publisher		
Riseup! Mini Art and Craft	Nida Fatima / Edutree		
Note:- Teachers has to give a detailed explanation of the following pages i.e. Pg. No. 3 to 10			
TERM-I	TERM-II		
Page 11 - 30	Page 31 - 59		
Activity 1 - 3, Page 67 - 69	Activity 4 -7, Page 70 - 73		
Craft Activity	Craft Activity		

Marking Scheme-

	MM
Question paper of Drawing will have two questions each carrying 10 marks	20
File Work Marks	15
Craft Activity Marks	15

(30)

Syllabus 2020-21

Class - VII

Subject : MUSIC

TERM-I	TERM-II
परिभाषा (संगीत, स्वर)	ताल (परिभाषा-मात्रा, लय, खण्ड)
आरोह– अवरोह, सप्तक	त्रिताल, कहरवा ताल
भारतीय वाद्य यंत्र वादकों की जानकारी व	प्रार्थना (वाद्ययंत्र पर बजाना)
परिचय	अमीर खुसरो की जीवनी
अलंकार (1 से 15)	विद्यालय गीत
कोमल, तीव्र व शुद्ध स्वर	प्रेरक गीत
राष्ट्रगीत, राष्ट्रगान	

(31)

# **EXAMINATION PATTERN**

		Term -	- E						Term - II	_			<b>Grand</b> <b>Total</b>
Subject	Periodic Test	Note Book	Sub Enrch	Mid Term	Total	Periodic Test	Note Book	Sub Enrch	Mid Term	Total	Max Marks	Marks Obt.	Grade
English	10	90	90	80	100	10	90	05	80	100	200	200	A1
Hindi	10	90	90	80	100	10	90	90	80	100	200	200	A1
Maths	10	90	90	80	100	10	90	90	80	100	200	200	A1
Science	10	90	90	80	100	10	90	90	80	100	200	200	A1
Social Studies	10	05	90	80	100	10	05	05	80	100	200	200	A1
Sanskrit	10			40	20	10			40	20	100	100	A1
Computer Science	5		90	40	50	5		90	40	20	100	100	A1
General Knowledge	10			40	50	10			40	50	100	100	A1
Drawing				Grade	Grade				Grade	Grade			
Grand Total	75	25	30	520	650	52	25	30	520	650	1300	1300	

NOTE: There will be three unit tests during the session, out of which marks of the best two will be added.

Class 7