

**SYLLABUS 2021-22**

**CLASS - 7**

# *Content*

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**English (NCERT)**

**English (GSEB)**

**Maths**

**S.S**

**Gujarati**

**Sanskrit**

**Hindi**

**Science**

**Computer**

## English- 7 - NCERT (2021-22)

S.N.	Month	Topic	Grammar & Composition	Activity
1.	June	Ch - 1 Three Questions Poem : The Squirrel /sup R. Ch - 1 the Tiny Teacher	L-1 Nouns L-2 Articles L-3 Adjectives	Make a Chart on Types of Nouns
2.	July	Ch - 2 A gift of Chappals Poem : The Rebel/sup R. Ch - 2 : Bringing up kari	L-4 More on Adjectives L-5 Verbs L-6 finite & Non - Finte vers	Group Discussion on Habitat of Animals
3.	Aug.	Ch - 3 : Gopal & Hisha fish Poem : The shed/Sup R Ch - 3 : the Desert	L-7 Modals L-8 Present Tense L-9 Past Tense L-10 Future tense	Paragraph writing on Survival of Desert animal
4.	Sep.	Ch - 4 : The Ashes that made Trees Bloom Ch - 5 Quality  Poem : Chivvy Trees/Sup R Ch - 4 The cop & the Anthem Ch - 5 Golu grows a Nose	L-11 Subject Verb Agreement L-12 Adverbs L-13 Pronouns L-14 Prepositions	Role Play  Write any successful Persons' Sucess Story
5.	Oct.	<b>Revision _SA- 1 Exam</b>		
6.	Nov.	Ch - 6 Expert Detectives Poem : Mystery of the talking fan Suy R. Ch - 6 I want something in a cage	L-15 Conjunctions L-16 Phrases	Paragraph Writing on Mysterious things
7.	Dec.	Ch - 7 The Innontion of vita - wonk Poem : Dad and the cat and the Tree/Sup R Ch - 7 Chandni	L-18 Sentence and its kinds L-19 Phrasal verbs  Active of passive voice	Give any Top 10 invention description in Scrap book.
8.	Dec.	Ch - 8 Fire : Friend and Foe. Poem : Meadow surpeises Sup R- Ch-8 - The Bear Story	L - 21 Direct & Indirect speech L - 22 Punctuation L - 23 Word Power	Moral Story telling in Classroom.
9.	Feb.	Ch - 9 A Bicycle in good repair Poem : Garden Snake Sup R- Ch - 9 A Tiger in the House	L - 24 Reading comprehension  L - 25 Composition	Reading and understanding of different unseen Passages.
10.	Mar.	Ch - 10 The story of cricket Sup R - Ch - 10 An Alien Hand	Revision	Discussion of the Topic of Aliens Are they really Survive?

## Paper Style

### FA-1

Reader lesson -1  
Poem-1  
Grammar : Kinds of sentences  
Subject - Predicate, Transformation  
Phrases L-6,7,8  
Composition - Diary writing message

### FA-3

Reader lesson -5  
Poem-5  
Grammar : L-11 to 15 Tenses  
Modal Auxilliaries  
Composition - Comprehension, Notice

### SA - 1

Reader lesson -1 to 8  
Poem-1 to 4  
Grammar : 1 to 10  
Composition - Informal Letter  
Diary, Notice, Essay

### SA-2

Reader lesson -9 to 15  
Grammar : 11 to 23  
Composition - Advertisement speech, Essay Formal Letter

Paper style of FA-1,3 (20)

1. a. Word meanings  
b. Make sentences
2. a. Blanks. (Reader)  
b. True / False  
c. Matching 2 (d) M.C.Q
3. a. Answer in short.
4. a. Do as directed.

Paper style of SA -1,2 (80)

1. Word meaning
2. Make sentences
3. Blanks (reader)
4. True - false
5. Matching
6. MCQ
7. Answer in short. (10)
8. Answer in detail. (15)
9. Blanks (grammar) (05)
10. Do as directed. (05)
11. Answer in one word
12. Composition - Letter and Essay
13. Unseen passage / Story writing

## English- 7 - GSEB (2021-22)

S.N.	Month	Topic	Grammar & Composition	Activity
1.	June	Ch - 1 Three Questions Poem : The Squirrel /sup R. Ch - 1 the Tiny Teacher Ch - 1 Exploring Symbols	L-1 Nouns L-2 Articles L-3 Adjectives	Make a Chart on Types of Nouns
2.	July	Ch - 2 A gift of Chappals Poem : The Rebel/sup R. Ch - 2 : Bringing up kari Ch - 2 : Exploring puzzles Ch - 3 : Exploring Advertising	L-4 More on Adjectives L-5 Verbs L-6 finite & Non - Finte vers	Group Discussion on Habitat of Animals
3.	Aug.	Ch - 3 : Gopal & Hisla fish Poem : The shed/Sup R Ch - 3 : the Desert  Ch - 4 : Exploring Poetry Ch - 5 : Exploring Values	L-7 Modals L-8 Present Tense L-9 Past Tense L-10 Future tense	Paragraph writing on Survival of Desert animal
4.	Sep.	Ch - 4 : The Ashes that made Trees Bloom Ch - 5 Quality  Poem : Chivvy Trees/Sup R Ch - 4 The cop & the Anthem Ch - 5 Golu grows a Nose Ch - 6 Exploring patriotism	L-11 Subject Verb Agreement L-12 Adverbs L-13 Pronouns L-14 Prepositions	Role Play  Write any successful Persons' Success Story
5.	Oct.	<b>Revision_SA- 1 Exam</b>		
6.	Nov.	Ch - 6 Expert Detectives Poem : Mystery of the talking fan Suy R. Ch - 6 I want something in a cage Ch - 1 The World Around US Ch - 2 How things work	L-15 Conjunctions L-16 Phrases	Paragraph Writing on Mysterious things
7.	Dec.	Ch - 7 The Innontion of vita - wonk Poem : Dad and the cat and the Tree/Sup R Ch - 7 Chandni Ch - 3 Sports	L-18 Sentence and its kinds L-19 Phrasal verbs  Active of passive voice	Give any Top 10 invention description in Scrap book.
8.	Jan..	Ch - 8 Fire : Friend and Foe. Poem : Meadow surpeises Sup R- Ch-8 - The Bear Story Ch - 4 Let's travel	L - 21 Direct & Indirect speech L - 22 Punctuation L - 23 Word Power	Moral Story telling in Classroom.
9.	Feb.	Ch - 9 A Bicycle in good repair Poem : Garden Snake Sup R- Ch - 9 A Tiger in the House Ch - 5 Health and Nutrition	L - 24 Reading comprehension  L - 25 Composition	Reading and understanding of different unseen Passages.
10.	Mar.	Ch - 10 The story of cricket Sup R - Ch - 10 An Alien Hand Ch - 6 Art	Revision	Discussion of the Topic of Aliens Are they really Survive ?

## Paper Style

### FA-1

Reader lesson -1  
Poem-1  
Grammar : Kinds of sentences  
Subject - Predicate, Transformation  
Phrases L-6,7,8  
Composition - Diary writing message

### FA-3

Reader lesson -5  
Poem-5  
Grammar : L-11 to 15 Tenses  
Modal Auxilliaries  
Composition - Comprehension, Notice

### SA - 1

Reader lesson -1 to 8  
Poem-1 to 4  
Grammar : 1 to 10  
Composition - Informal Letter  
Diary, Notice, Essay

### SA-2

Reader lesson -9 to 15  
Grammar : 11 to 23  
Composition - Advertisement speech, Essay Formal Letter

Paper style of FA-1,3 (20)

1. a. Word meanings  
b. Make sentences
2. a. Blanks. (Reader)  
b. True / False  
c. Matching 2 (d) M.C.Q
3. a. Answer in short.
4. a. Do as directed.

Paper style of SA -1,2 (80)

1. Word meaning
2. Make sentences
3. Blanks (reader)
4. True - false
5. Matching
6. MCQ
7. Answer in short. (10)
8. Answer in detail. (15)
9. Blanks (grammar) (05)
10. Do as directed. (05)
11. Answer in one word
12. Composition - Letter and Essay
13. Unseen passage / Story writing

## Gujarati-7

Sr.No	Month	Topic	Sub Topic	Activity
1.	June	પાઠ-૧ ચબૂતરો  પાઠ-૨ પર્વત તારા  સુલેખન, વાર્તા, પત્ર, શબ્દકોશ, જોડણી	-ચિત્ર વર્ણન -ચબૂતરાનો અર્થ -પંખીઓ પ્રત્યે દયાભાવ -કુદરતી સૌંદર્ય -ઘશ્વરનું સ્વરૂપ કુદરતમાં નિહાળવું	-વિદ્યાર્થીઓ દ્વારા પંખીઓ માટે પાણી પરબની વ્યવસ્થા કરાવવી  -વિદ્યાર્થીઓ દ્વારા કુદરતી સૌંદર્યનું ચિત્ર તૈયાર કરાવી કાવ્યગાન
2.	July	પાઠ-૩ મેહનતનો રોટલો  પાઠ-૪ સુંદર સુંદર	-પરિશ્રમનું મહત્ત્વ -લાલચનો ત્યાગ  -ઘશ્વરની રચનાનું સૌંદર્ય અને ઘશ્વરના સૌંદર્યની કલ્પના	-Role play  -કાવ્યગાન
3.	August	પાઠ-૫ શરદીના પ્રતાપે - પુનરાવર્તન	- હાસ્યવાર્તા ઓછું સંભળાવાથી અર્થનો અનર્થ થવાની વાત	-Story telling
4	Sep	વાર્તા, નિબંધ, પત્ર, સમાનાર્થી, વિરોધી, શબ્દસમૂહ  પાઠ-૬ નર્મદામૈયા પાઠ-૭ અલ્લક દલ્લક વાર્તા, નિબંધ, પત્ર, કહેવત, રૂઢિપ્રયોગ, સંખ્યાલેખન ગદ્યાર્થગ્રહણ, Revision	-નર્મદાનું ઉદ્ગમ સ્થાન, પાણી, તેની શોભા, તેનો સદ્-ઉપયોગ વગેરે  -રાધા-કૃષ્ણના પ્રેમનું વર્ણન	- નિબંધ લેખન  -પ્રાસાનુસાર કાવ્યગાન
5.	Oct	Revision		
6.	Nov	પાઠ-૮ ચરણોમાં સુલેખન, ગદ્યાર્થગ્રહણ, પત્ર	કુદરતી સૌંદર્યને માણવા માટેની તાલાવેલી	-કાવ્યગાન
7.	Dec	પાઠ-૯ કદર વિચાર વિસ્તાર, અહેવાલ, સંખ્યા લેખન પાઠ-૧૦ ભૂલની સખા  નિબંધ, વિચારવિસ્તાર, અહેવાલ, વિશેષણ, ક્રિયાવિશેષણ	-સદ્ગુણોનું મહત્ત્વ  -લિંકનનો જીવન પ્રસંગ, તેની જિજ્ઞાસા, પરિશ્રમ વગેરે	-વિદ્યાર્થીઓ દ્વારા તળપદા શબ્દોની યાદી  -સંવાદકથન
8.	Jan	પાઠ-૧૧ હિંડોળો  પાઠ-૧૨ અપંગના ઓજસ	-શ્રીકૃષ્ણનું સૌંદર્ય, પહેરવેશ, વૈભવ વગેરે વૉલ્ટરના ઉદા. દ્વારા નિરાશા	-કાવ્યગાન  -Story telling

Sr.No	Month	Topic	Sub Topic	Activity
9	Feb.	પાઠ-૧૩ ભારત રત્ન: ડૉ.આંબેડકર -અહેવાલ, નિબંધ, વિરામ ચિહ્નો પાઠ-૧૪ ઊડે રે ગુલાલ -નિબંધ,વિચારવિસ્તાર, સંધિ	-આંબેડકરના જીવન પ્રસંગો, કાર્યો, સમાજ સુધારક પ્રવૃત્તિઓ  -હોળી,દુભેટીના ઉત્સવનું વર્ણન -ઘરૈયાની ટોળીની મસ્તી	-નિબંધ લેખન સ્પર્ધા  -કાવ્યગાન
10	Mar.	પાઠ-૧૫ સુભાષિતો Revision	-નીતિ વિષયક વિચારો,બોધ	

**• Paper Style**

**• FA-1 (Ch- 1, 2)**

- પ્ર.૧ પ્રશ્નોના ઉત્તર લખો.  
પ્ર.૨ કાવ્યપંક્તિ પૂર્ણ કરો.  
પ્ર.૩ માગ્યા મુજબ લખો. (વ્યાકરણ)

**• FA-3 (Ch-8 & 9)**

- પ્ર.૧ પ્રશ્નોના ઉત્તર લખો.  
પ્ર.૨ કાવ્યપંક્તિઓ પૂર્ણ કરો.  
પ્ર.૩ માગ્યા મુજબ લખો.(વ્યાકરણ)

**\* SA - 1 (Ch-1 to 7) (સંખ્યાલેખન-૧ થી ૫૦)**

- વિભાગ-અ (ગદ્યવિભાગ)  
પ્ર.૧ (અ) જોડકાં જોડો.  
(બ) એક વાક્યમાં ઉત્તર લખો.  
(ક) બે-ત્રણ વાક્યમાં ઉત્તર લખો.  
(ડ) સવિસ્તાર ઉત્તર લખો.  
વિભાગ-બ (પદ્યવિભાગ)  
પ્ર.૨ (અ) જોડકાં જોડો.  
(બ) એક વાક્યમાં ઉત્તર લખો.  
(ક) બે-ત્રણ વાક્યમાં ઉત્તર લખો.  
(ડ) સવિસ્તાર ઉત્તર લખો.  
વિભાગ-ક (વ્યાકરણ)  
પ્ર.૩ માગ્યામુજબ લખો.  
વિભાગ-ડ (અર્થગ્રહણ, લેખનસજ્જતા)  
પ્ર.૪ (ક) સુલેખન  
(ખ) પત્રલેખન / વિચાર-વિસ્તાર  
(ગ) વાર્તાલેખન / અહેવાલ લેખન  
(ઘ) ગદ્યાર્થગ્રહણ  
(ચ) નિબંધ લેખન

**\* SA - 2 (Ch-8 to 15) (સંખ્યાલેખન-૫૧ થી ૧૦૦)**

- વિભાગ-અ (ગદ્યવિભાગ)  
પ્ર.૧ (અ) જોડકાં જોડો.  
(બ) એક વાક્યમાં ઉત્તર લખો.  
(ક) બે-ત્રણ વાક્યમાં ઉત્તર લખો.  
(ડ) સવિસ્તાર ઉત્તર લખો.  
વિભાગ-બ (પદ્યવિભાગ)  
પ્ર.૨ (અ) જોડકાં જોડો.  
(બ) એક વાક્યમાં ઉત્તર લખો.  
(ક) બે-ત્રણ વાક્યમાં ઉત્તર લખો.  
(ડ) સવિસ્તાર ઉત્તર લખો.  
વિભાગ-ક (વ્યાકરણ)  
પ્ર.૩ માગ્યામુજબ લખો.  
વિભાગ-ડ (અર્થગ્રહણ, લેખનસજ્જતા)  
પ્ર.૪ (ક) સુલેખન  
(ખ) પત્રલેખન / વિચાર-વિસ્તાર  
(ગ) વાર્તાલેખન / અહેવાલ લેખન  
(ઘ) ગદ્યાર્થગ્રહણ  
(ચ) નિબંધ લેખન

## Sanskrit- 7 (2021-22)

S.N.	Month	Topic	Sub Concept	Activity
1	June	- मम परिचय: - वन्दना - वर्णमाला १. चित्रपदानि १ से ३	- नामपदं (पु-स्त्री-नपुं) - स्वराः, व्यञ्जनाः - संयुक्त वर्णाः - अनुनासिक वर्णाः	- संस्कृत भाषायाः महत्वम्
2	July	२. मेघो वर्षति ३. कोडरुकु ४. हास्ययोगः	- क्रियापदः - लट्लकार - द्वितीया विभक्ति - सप्तमी विभक्ति - सर्वनाम	- EUN Chart making
3	Aug	५. चटक। चटक । पुनरावर्तनम् - १ ६. सड.ख्या ७. विश्वासः नैव कर्तव्यम्	- क्रियापदं - अस् धातु - (१ से ५० संख्या) - सप्तमी विभक्ति - सन्धि - कृदन्त	- वर्णाः - शाकाः - Spices - समाजसेवकाः
4	Sept	८. समयः ९. आम्लं द्राक्षाफलम्	- षष्ठी विभक्ति - पञ्चमी विभक्ति	- शिष्टाचारः - Places
5	Oct	Revision, SA-1 Exam		- गुणनकोष्टकम्
6	Nov	SA-1 Exam - संस्कृत गीतम्	- अव्यय 'च'	
7	Dec	१. प्रहलिकाः २. वार्तालापः ३. सुभाषितानि	- अस्ति - नास्ति - लोट लकार - द्वितीया विभक्ति - सन्धि - नामपद (एक-बहु) - अव्यय- यत्र-तत्र - षष्ठी विभक्ति - लट् परस्मैपद - आत्मनेपद - क्रियापद (एक-बहु)	- श्लोक लेखनम्
8	Jan	४. धरा गुर्जरी ५. योजकः तत्र दुर्लभः पुनरावर्तनम् -१	- षष्ठी विभक्ति - सप्तमी विभक्ति - तद् -Table - क्रियापदानि	Table writing - प्राणिनः - पक्षिणः
9	Feb	६. विज्ञानस्य चमत्काराः ७. सूक्तयः	- एषः, एषा, एतत् - एक - बहुवचनम्	- चित्रं रचयत - सूक्तयः लेखनम्
10	March	- पुनरावर्तनम् -२	- कस्यः ? कस्याः ? - प्रश्नरचना	- Family chart
11	April	- पुनरावर्तनम्	- पुनरावर्तनम्	



**Paper Style - Std-7 (2021-22)**

FA-1 , Total Marks - 20

Syllabus - वन्दना, मम परिचयः, वर्णमाला  
Lesson no-1,2

1. श्लोकपूर्ति
2. मम परिचयः
3. शब्दस्य अर्थ आड.ग्लभाषां
4. शब्दप्रकाराः
5. अनुवादं
6. क्रियापदानि
7. द्वितीया विभक्ति
8. संस्कृत उत्तरं लिखत।
9. स्वर-व्यञ्जनाः
10. संयुक्तवर्णाः
11. अनुनासिक वर्णाः

SA-1 Total marks - 80

Syllabus : sem-1 Lesson no-1 to 9  
Grammer ,वन्दना, मम परिचयः,वर्णमाला  
चित्रपदानि (१ से ३)

Questions :

1. शब्दस्य अर्थ आडग्लभाषां एवं संस्कृतभाषां
2. चित्रपदानि (१ से ३) (संस्कृत नामानि लिखत) प्रकाराः भिन्नं करोति ।
3. संख्या (शब्देन एवं अड.केन)
4. विकल्पेभ्यः समुचितं उत्तरं चित्वा लिखत ।
5. अनुलेखन कृत्वा आड.ग्लभाषां अनुवादं
6. श्लोकपूर्ति कुरुत ।
7. पाठ्यपुस्तकात् अपरं श्लोकं एवं सूक्तिं लिखत
8. समयः (संस्कृत शब्द एवं अड.केन लिखत)
9. प्रश्नस्य उत्तरं संस्कृतभाषां लिखत् ।
10. सन्धि
11. गुणनकोष्ठकम्
12. फलानि, वर्णाः, शाकाः समाजसेवकाः
13. शिष्टाचारः, स्थानानि, संस्कृतभाषायाः महत्त्वम्

FA-3 , Total Marks - 20

Syllabus - Lesson no-1,2 + Grammer

1. श्लोकपूर्ति
2. शब्दस्य अर्थ
3. श्लोक अनुवादं आड.ग्लभाषां
4. प्रश्नस्य उत्तरं संस्कृतभाषां
5. द्वितीया विभक्ति
6. लट् लकार, लट् प्रयोग कुरुत ।
7. लट् लकार

SA-2 Total marks - 80

Syllabus :Lesson no-1 to 7  
+ Grammer

Questions :

1. अनुलेखनं कुरुत
2. अनुवादं कुरुत (गद्यखण्डस्य, पद्यखण्डस्य)
3. पद्यांश पूर्णं करोति ।
4. सन्धि करोति ।
5. प्रश्नस्य उत्तरं संस्कृतभाषां लिखत ।
6. अधोलिखतं शब्दस्य चित्रं रचयत त्रिवाक्यं संस्कृतेन लिखत ।
7. संस्कृतभाषां अनुवादं करोति ।
8. शब्दस्य अर्थ आड.ग्लभाषां एवं संस्कृतभाषां
9. द्वितीया, षष्ठी, बहुवचने लिखत ।
10. लट्- परस्मैपद + आत्मनेपद
11. सूक्तयः अर्थविस्तारं कुरुत ।
12. प्राणिनः, पक्षिणः सूक्तयः
13. पाठ्यपुस्तकात् अपरं श्लोकं लिखत

## Hindi- 7

S.N.	Month	Topic	Sub Concept	Activity
1	June	१. वानर से मानव तक -वर्ण विश्लेषण, पर्यायवाची, शब्दयुग्म लिंग, विलोम	- मानव का क्रमिक विकास जीव परिचय	- संवाद लिखना जीवन की कहानी के चित्र संकलन
2	July	२. किताब की कहानी -प्रत्यय, समानार्थी, शब्दयुग्म, विलोम ३. न्यायमंत्री-उपसर्ग, शब्दनिर्माण ४. मंत्र-तंत्र- समास, सर्वनाम	- ज्ञान संरक्षण लिपिविकास ज्ञान का स्वाभिमान - अतिथि सत्कार, साहस सुप्रबंध अन्याय का विरोध - परिश्रम, प्रेमभाव सुविचारलाना, उचित न्याय	- अनुच्छेद-पुस्तक का महत्त्व समूह-चर्चा - नाट्यमंचन लेखक परिचय -पत्रलेखन- शिकायतीपत्र निबंध- भ्रष्टाचार
3	Aug	५. मैं रूठूँ माँ और मना तू विशेषण, समास ६. अन्याय का विरोध- सर्वनाम, विरामचिह्न ७. गोपी चपरासी -प्रत्यय योजक चिह्न मुहावरे	- मातृप्रेम, बचपन की सरलता - न्याय के प्रति निष्ठा संतुष्टि, ईमानदारी, मेहनत - काम के प्रति निष्ठा रखना, सहज स्वभाव बुद्धिमत्ता	- अनुच्छेद-माँ निबंध- अविस्मरणीय दिन - परियोजना कार्य- एंकाकी लेखन, नाट्यमंचन अन्य संस्मरण की जानकारी संस्मरण सुनाना
4	Sept	८. महिलाओं का अपना बैक आगत शब्द, समानार्थी, मुहावरे	- नारीशक्ति सहयोग भावना आर्थिक स्वावलंबन धार्मिक एकता	- निबंध-बचत का महत्त्व "गोवा" पर्यटन
5	Oct	Revision		
6	Nov	९. बच्चे काम पर जा रहे हैं शब्द-परिवार, वर्ण-ध्वनि बिच्छेद १०. महिला वैज्ञानिक -सूक्ष्म अर्थभेद उपसर्ग विशेषण के भेद, शब्दकोश का उपयोग कारक चिह्न	- समयकी पुकार बालका संघर्ष बालश्रम के विरुद्ध जागरुकता - कठिनाइयों का मुकाबला सच्चाई, ईमानदारी दृढ निश्चय, उच्च शिक्षा का महत्त्व	- बाल मजदूरी से सम्बन्धित अन्य कविता संग्रह निबंध बाल मजदूरी अपराध - निबंध-स्त्री शिक्षा- स्थिति व आवश्यकता महिलाओं का विभिन्न क्षेत्रों में योगदान सचित्र जानकारी

## Hindi- 7

S.N.	Month	Topic	Sub Concept	Activity
7	Dec	<p>११. बच्चों के लिए- प्रत्यय, एक शब्द में उत्तर और शब्द के प्रयोग अनुस्वार, अनुनासिक</p> <p>१२. सूरदास के पद -वाक्य निर्माण अनेकार्थी</p>	<p>- प्रकृति-प्रेम जीव जंतुओ का संरक्षण साहस</p> <p>- बालसौन्दर्य अनन्य भक्ति</p>	<p>- पत्रलेखन अभ्यास चित्र देखकर लेखन</p> <p>- सस्वर दोहे का गायन अन्य दोहों का संकलन</p>
8	Jan	<p>१३. मोटर बैलगाडी- संवाद प्रत्यय सूक्ष्म अर्थभेद समुच्चय बोधक</p> <p>१४. समानी बुआ- क्रियाविशेषण, मिश्रित वाक्य कि,की का प्रयोग, उपसर्ग विरामचिह्न</p>	<p>- आधुनिकता व प्राचीनता का मेल उपयोगिता प्रतिस्पर्धा आविष्कार की जननी</p> <p>- सुव्यवस्थित होना समय के पाबंदी करना अनुशासन पालन</p>	<p>- निबंध-आवश्यकता आविष्कार की जननी विभिन्न क्षेत्रों में हुए परिवर्तन का चित्र संकलन</p> <p>- लेखिका परिचय जानना वंशवृक्ष बनाना ,परिवार का हमारे जीवन में महत्त्व लेख</p>
9	Feb	<p>१५. गणित के गुणी रामानुजन श्रुतिसम भिन्नार्थक वर्ण-विच्छेद, समास</p> <p>१६. स्वत्व रक्षा -मुहावरे, संधि-विच्छेद समास, उर्दु शब्द प्रत्यय</p>	<p>- मेहनत का फल एकाग्रता व समर्पण प्रतिकूल परिस्थितियों का सामना</p> <p>- आत्मसम्मान,कृतज्ञता, दृढ प्रतिज्ञ होना</p> <p>- पशु - प्रेम</p>	<p>- जीवन से सम्बन्धित जानकारी एकत्र करना सचित्र चार्ट बनाना</p> <p>- प्रेम चंद की अन्य कहानियों की जानकारी, लेखक परिचय</p>
10	March	<p>१७. होंगे कामयाब -अनेकार्थक, विलोम, अपठित गद्यांश पुनरावर्तन</p>	<p>- एकता दृढनिश्चय, निडरता अटल विश्वास रखना अमन शांति का प्रचार</p>	<p>- सस्वर वाचन अन्य कविताओं का वाचन लेख- सफलता का रहस्य</p>

## Paper Style

### \*FA-1 Exam (Ch- 1,2)

1. विकल्पात्मक प्रश्न
2. रिक्त स्थान
3. प्रश्नोत्तर
4. भाषाज्ञान सम्बन्धित प्रश्न
5. अनुच्छेद

### \* FA-3 Exam (Ch- 9,10)

1. विकल्पात्मक प्रश्न
2. रिक्त स्थान
3. प्रश्नोत्तर
4. अनुच्छेद
5. भाषाज्ञान सम्बन्धित प्रश्न

### \* S.A-1 Exam (Ch- 1 to 8)

1. विकल्पात्मक प्रश्न
2. रिक्त स्थान
3. सही गलत
4. मिलान कीजिए
5. प्रश्नोत्तर
6. व्याकरण भाग -  
समानार्थी, विलोम, युग्मशब्द, मुहावरे, कहावत, समास  
संधि, प्रत्यय, उपसर्ग, वाक्यरचना, लिंग, वचन, संज्ञा,  
सर्वनाम  
पत्र, प्रार्थनापत्र, निबंध, कहानी अपठित गद्यांश

### \* S.A-2 Exam (Ch-9 to 17)

1. विकल्पात्मक प्रश्न
2. रिक्त स्थान
3. सही गलत
4. मिलान कीजिए
5. प्रश्नोत्तर
6. व्याकरण भाग -  
समानार्थी, विलोमशब्द, लिंग वचन,काल, क्रिया वाक्य,  
उपसर्ग प्रत्यय, विशेषण समास, संधि युग्मशब्द मुहावरे  
लोकोक्ति, वाक्यांश के लिए एक शब्द, पत्र प्रार्थनापत्र,  
निबंध कहानी, अपठित गद्यांश

Note : All Chapters also will be teach by Audio Visual methodology in Smart Class.

## Maths-7

Reno	Month	Topic	Sub Topic	Activity
1	Jun	Ch 1: Integers	<ul style="list-style-type: none"> <li>-Recalling of Natural numbers and whole numbers</li> <li>-Discussion of various properties like commutative, associative will be with respect to addition and subtraction of integers.</li> <li>-Discussion of various properties under multiplication and division of integers</li> <li>-Discussion of multiplicative identity, additive identity and multiplicative inverse of integers</li> </ul>	Puzzle solving
		Ch 2: Fractions and Decimals	<p><b>Fractions</b></p> <ul style="list-style-type: none"> <li>-Lowest terms of fractions</li> <li>-Comparison of fractions</li> <li>-Addition of fractions</li> <li>-Subtraction of fractions</li> <li>-Multiplication of fractions</li> <li>-Division of fractions</li> <li>-Multiplicative inverse of a fraction</li> </ul> <p><b>Decimal numbers</b></p> <ul style="list-style-type: none"> <li>-Addition and subtraction of decimals</li> <li>-Multiplication of decimals</li> <li>-Division of decimal</li> </ul>	Quiz
2	July	Ch 3: Data Handling	<ul style="list-style-type: none"> <li>-Collection of data</li> <li>-Organization of data</li> <li>-Representation of data</li> <li>-Frequency distribution</li> <li>-Arithmetic mean</li> <li>-Mode and median</li> <li>-Choosing appropriate scale</li> <li>-Bar graph and double bar graph</li> <li>-Chance and probability</li> </ul>	Collect information and represent data in your Notebook
		Ch 4: Simple Equations	<ul style="list-style-type: none"> <li>-Formation of equation</li> <li>-Solution of given equation</li> </ul> <p>By adding, subtracting, multiplying or dividing both side of given equation or by transposition method.</p>	Worksheet

3	August	Ch 5: Lines and Angles	<ul style="list-style-type: none"> <li>-Application of simple equation for practical solutions</li> <li>-Introduction of lines and angles</li> <li>-Special angles and their properties like</li> <li>-complementary angles</li> <li>-Supplementary angles</li> <li>-Adjacent angles</li> <li>-Linear pair of angles</li> <li>-Vertically opposite angles</li> <li>-Pairs of lines</li> <li>-Point of intersection of lines</li> <li>-Transversal</li> <li>-Transversal of parallel lines</li> <li>-Angles made by transversal at a point of intersection and their properties</li> </ul>	Activity related to the topic
4	Sept	<p>Ch 6: The Triangle and its Properties</p> <p>Ch 7: Congruence of Triangles</p>	<ul style="list-style-type: none"> <li>-Elements of triangles</li> <li>-Median of the triangle</li> <li>-Altitude of a triangle</li> <li>-Exterior angle of a triangle and it's property</li> <li>-The angle sum property of a triangle</li> <li>-Special types of triangles – equilateral and isosceles triangle</li> <li>-Property of length of triangle</li> <li>-Right angled triangle and Pythagoras property.</li> </ul> <p>Meaning of congruency SSS Congruence of triangles SAS Congruence of triangles RHS Congruence of triangles</p>	Activity related to various angles
5	Oct	Revision		
6	Nov	Ch 8: Comparing Quantities	<ul style="list-style-type: none"> <li>-Comparing two quantities</li> <li>-Comparing two quantities of same kind having same units is ratio</li> <li>-Equal and equivalent ratios</li> <li>-When ratios are said to be in proportion</li> <li>-Arranging given ratio in proportion</li> <li>-Percentage and its meaning</li> <li>-Way to compare by percentage</li> <li>-Conversion of fraction and decimals into percentage and vice versa</li> </ul>	Work Sheet

			-Use of percentage and ratio in daily life	
7	Dec	Ch 9: Rational Numbers	<ul style="list-style-type: none"> <li>-Need of rational numbers</li> <li>-All integers and fractions are rational numbers</li> <li>-Equivalent rational numbers</li> <li>-Positive and negative rational numbers</li> <li>-Number zero is neither positive nor negative rational numbers</li> <li>-Rational numbers in between two rational numbers</li> <li>-Addition, Subtraction, Multiplication and Division of two rational numbers</li> </ul>	Work Sheet
		Ch 10: Practical Geometry	<ul style="list-style-type: none"> <li>-Using ruler and compass</li> <li>How to draw parallel line to a given line segment (use of equal, alternate angles and equal corresponding angles)</li> <li>-Construction of various triangles using SSS, SAS, ASA and RHS congruency properties.</li> </ul>	
8	Jan	Ch 11: Perimeter and area	<ul style="list-style-type: none"> <li>-Triangle, Square, Rectangle, Parallelogram, Circle</li> <li>-Area of plane figures</li> <li>-Conversion of units of areas</li> </ul>	Worksheet
		Ch 12: Algebraic Expressions	<ul style="list-style-type: none"> <li>-Algebraic terms</li> <li>-Factors of the algebraic terms</li> <li>-Coefficient or algebraic term</li> <li>-Algebraic expressions</li> <li>Polynomials, monomials, binomials, trinomials like terms and unlike terms</li> <li>-Addition, subtraction, multiplication, division of terms as well as expressions</li> <li>-Finding value of algebraic expression</li> <li>-Mathematical formulas are written in the form of algebraic expression</li> </ul>	

9	Feb	Ch 13: Exponents and Powers  Ch 14: Symmetry	-What is exponents -Use of exponent -Base and exponent of powers -How to write very big number in exponential form -Various exponential rules -Problems related to the topic  -What is symmetry -Lines of symmetry -Lines of symmetry for regular polygons -Mirror image -Rotational symmetry -Line and rotational symmetry -Order of rotational symmetry -Plain figures and solid shapes	Activity related to topic  Scrap Book for showing line as well as rotational symmetry for given shapes and alphabets
10	March	Ch 15: Visualising Solid Shapes	-Comparison of 2-D and 3-D shapes Faces, edges and vertices of the solid shapes -Nets for building 3-D shapes How to draw solid shapes on the flat surface -Various methods to view different sections of the given solid shapes.	Activity related to the topic

**Paper style of SA-1 and SA-2**

**Section-A**

1. Choose the correct answer
2. Fill in the blanks.
3. State True or False
4. Match the following

**Section- B**

5. Solve (Each 2 marks)

**Section- C**

6. Solve . (Each 3 marks)

**Section-D**

7. Solve . (Each 4 marks)



## SCIENCE-7 \_ 2021-22

Sr. No	Month	Topic	Sub Topic	Activity
1	Jun	Chapter 1 Food Where Does It Come From  Chapter 2 Components of Food	1.1 Food Variety 1.2 Food Materials and Sources 1.3 Plant Parts and Animal Products as Food 1.4 Plant parts as food 1.5 What do Animals Eat?  2.1 What do Different Food Items Contain? 2.2 What do Various Nutrients do For Our Body? 2.3 Balanced Diet 2.4 Deficiency Diseases	Activity 1: Food Variety Activity 2: Ingredients Activity 3: Food Materials And Sources Activity 4: Ingredients Obtained From Plants Activity 5: Sprouted Seeds Activity 6: Food The Animal Eats Activity 7: Grouping Of Animals Based On Their Eating Habits  Activity 1: Food Items Activity 2: Test For Starch, Test For Protein, Test For Fats Activity 3: Food Materials Contain Water
2	Jul	Chapter 3 Fibre to Fabric  Chapter 4 Sorting Materials Into Groups	3.1 Variety in Fabrics 3.2 Fibre 3.3 Some Plant Fibres 3.4 Spinning Cotton Yarn 3.5 Yarn to Fabric 3.6 History of clothing material  4.1 Objects around us 4.2 Properties of materials	Activity 1: Variety In Fabrics Activity 2: Finding Out Yarn From Fabric Activity 3: Strand Of Thread Called Fibre Activity 4: Spinning  Activity 1: Objects Around Us Activity 2: Objects And Materials They Are Made Of Activity 3: Materials With And Without Lustre Activity 4: Soluble Or Insoluble? Activity 5: Solubility Of Some Common Liquids In Water Activity 6: Translucent
3	Aug	Chapter 5 Separation of Substances	5.1 Methods of separation	Activity 1: Why Do We Separate Substances? Activity 2: Hand Picking Activity 3: Winnowing Activity 4: Sieving Activity 5: Filtering The Mixture
4	Sep	Chapter 7 Getting to Know Plants	7.1 Herbs, Shrubs and Trees 7.2 Stem 7.3 Leaf 7.4 Root 7.5 Flower	Activity 1: Herbs, Shrubs And Trees Activity 2: Stem Activity 3: Leaf Activity 4: Transpiration In Leaves Activity 5: Starch In Leaf Activity 6: Root Activity 7: Root Activity 8: Variety Of Root Activity 9: Tap Roots, Lateral Roots Etc Activity 10: Flower Activity 11: Structure Of The Ovary

		Chapter 8 Body Movements	8.1 Human Body and Its Movements 8.2 Gait of Animals	Activity 1: Human Body And Its Movements Activity 2: Ball And Socket Joints Activity 3: Hinge Joints Activity 4: Rib Cage Activity 5: Earthworm Activity 6: Snail Activity 7: Cockroach Activity 8: Fish
5	Oct.	<b>Revision for SA1</b>		
6	Nov	Chapter 9 The Living Organisms and Their Surroundings  Chapter 10 Motion and Measurement of Distances	9.1 Organisms and The Surroundings Where They Live 9.2 Habitat and adaption 9.3 A journey through different habitats 9.4 Characteristics of organisms  10.1 Story of transport 10.2 How wide is this desk? 10.3 Some measurements 10.4 Standard Units of Measurements 10.5 Correct Measurement of Length 10.6 Measuring the length of a curved line 10.7 Moving things around us 10.8 Types of motion	by budding.
7	Dec	Chapter 11 Light Shadows and Reflection  Chapter 12 Electricity and Circuits	11.1 Transparent, opaque and translucent objects 11.2 What exactly are shadows? 11.3 A pinhole camera 11.4 Mirrors and reflections  12.1 Electric cell 12.2 A bulb connected to an electric cell 12.3 An electric circuit 12.4 Electric switch 12.5 Electric conductors and insulators	- 1) Object the type of motion around us  - Current through salt solutions
8	Jan	Chapter 13 Fun with Magnets  Chapter 14	13.1 Magnetic and non- magnetic materials 13.2 Poles of magnet 13.3 Finding directions 13.4 Make your own magnet 13.5 Attraction and repulsion between magnets  14.1 How much water do we	- Based on reflection, Refraction etc.

		Water	use? 14.2 Where do we get water from? 14.3 Water cycle 14.4 Back to the oceans 14.5 What if it rains heavily? 14.6 What happens w it does not rain for a long period? 14.7 How can we conserve water? 14.8 Rainwater harvesting 14.9 Summary	- Water Cycle experiment
9	Feb.	Chapter 15 Air Around Us  Chapter 16 Garbage In Garbage Out	15.1 Is air present everywhere around us? 15.2 What is air made up of? 15.3 How does oxygen become available to animals and plants living in water and sons? 15.4 How is the oxygen in the atmosphere replaced? 15.5 Summary  16.1 Dealing with Garbage 16.2 Vermicomposting 16.3 Think and Throw 16.4 Recycling of Paper 16.5 Plastics boon or a curse? 16.6 Summary	-
10	Mar.	<b>Revision for SA2</b>		

### Paper Style – Science

#### **A-1 Ch-1,5,15**

Section-A (4)

1. Fill in the blanks (2)
2. Choose the correct answer (2)

Section-B

- \* Answer the following question (Each carries 2 marks) (6)

Section-C

- \* Answer the following question (Each carries 3 marks) (6)

Section-D

- \* Answer in detail. (4)

#### **FA-3 Ch-3,8**

Section-A

1. Fill in the blanks (2)
2. Choose the correct answer (2)

Section-B

- \* Answer the following question (Each carries 2 marks) (6)

- Section-C
- \* Answer the following question (Each carries 3 marks) (6)
- Section-D
- \* Answer in detail. (4)

**SA-1 ,Ch-1,15,10,9,11,6,17**

- Section-A (16)
- 1. Fill in the blanks (4)
- 2. Match the following (4)
- 3. Choose the correct Option (4)
- 4. State true or false (4)
- Section-B (20)
- \* Answer the following question (Each carries 2 marks)
- Section-C (24)
- \* Answer the following question (Each carries 3 marks)
- Section-D (20)
- \* Answer the following question (Each carries 4 marks)

**SA-2 ,Ch-2,3,4,7,8,12,13,16,14,18**

- Section-A (16)
- 1. Fill in the blanks (4)
- 2. Match the following (4)
- 3. Choose the correct option (4)
- 4. State true or false (4)
- Section-B (20)
- \* Answer the following question (Each carries 2 marks)
- Section-C (24)
- \* Answer the following question (Each carries 3 marks)
- Section-D (20)
- \* Answer the following question (Each carries 4 marks)

# STD: 7<sup>th</sup> COMPUTER GSEB Eng. Med.

Sr. No	Month	Topic	Sub Topic	Activity
1	Jun	<b>Ch:1</b> Computer Fundamentals	Input Devices Output Devices	Search from internet about different I/O Devices
2	Jul	<b>Ch:2</b> More on Windows 7  <b>Ch:3</b> Sorting and Filtering in Excel	Windows Explorer Organising Files/Folders in Windows Explorer Creating Shortcuts on the Desktop  Cell References Sorting Data Filtering Data Conditional Formatting	Personalization of Desktop of Computer at home  Generating Worksheet on the bases of using tools like sorting and filtering
3	Aug	<b>Ch:4</b> Charts in Excel 2010	Elements of a Chart Types of Charts Creating a Chart Moving and Resizing Charts Sparklines	Represent Worksheet in Graphical Format with different charts
4	Sep	<b>Ch:5</b> More on QBASIC  <b>Ch:6</b> More Tools in Flash	Looping Statements Library Functions in QBASIC Graphics in QBASIC Sound in QBASIC  Selection Tools More Drawing and Painting Tools Grouping Objects/Shapes View Modification Tools	Build a QBASIC Program for calculation  Draw Scene and objects with the use of Flash software and their different tools
5	Oct	<b>Revision + Project 1</b>		
6	Nov	<b>Ch:7</b> Computer Viruses	What is a Computer Virus? Types of Computer Viruses Malware Preventing Virus Infections Antivirus Software	Search from internet about Computer Virus
7	Dec	<b>Ch:8</b> Getting Started with HTML  <b>Ch:9</b> HTML Elements	Hypertext Markup Language (HTML) HTML Code Creating, Saving and Viewing HTML Documents Structure of an HTML Document  Basic HTML Elements HTML Elements for Formatting	Making any document (Web page) with the use of HTML and their basic elements
8	Jan	<b>Ch:10</b> Introduction to C++	Procedural Programming VS. Object-Oriented Programming Object-Oriented Concepts Starting C++ Editor Creating and Executing a C++ Program Structure of a C++ Program Programming Elements of C++ Some Simple C++ Programs	Basic C++ program for Displaying And Counting Message

9	Feb	<b>Ch:11</b> Internet Services	Searching Information on the Internet Online Education (E-Learning) Online Chat and Instant Messaging Newsgroups Videoconferencing Social Networking Blogs E-Greetings Cloud Computing	With the use of internet find the information about Project-2 definition
10	Mar	<b>Lab Practical + Project 2</b>		

**Paper Style - 1**

**S.A – 1: Ch.: 1 to 6**

SA – 1 Paper Style

Choose the correct option for question (MCQ)

**S.A – 2: Ch.: 7 to 11**

SA – 2 Paper Style

Choose the correct option for question (MCQ)