

**KENDRIYA VIDYALAYA SALOH**  
**SUMMER VACATIONS HOLIDAY HOME WORK**

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## CLASS I

NOTE: Do all the Assignment in a neat and legible handwriting in the Homework notebook.  
Pasting work to be done in a scrap book.

Parents are requested to just guide the children to complete the task on their own.

### **Maths**

1. Write the numbers 1 to 10.
2. Make numbers 1 to 5 with the help of stones or pulses.
3. Write numbers 6 to 10 on sand.
4. Learn number songs 1 to 10.
5. Do the given worksheets.

### **हिंदी**

1. हिंदी वर्णमाला के स्वरों को अपनी पुस्तिका पर लिखिए।
2. पत्थर या दालों का इस्तेमाल करते हुए स्वरों की आकृतियों को अपने परिवार के सदस्यों की मदद से बनाएं।
3. हिंदी वर्णमाला के व्यंजनों को अपनी पुस्तिका पर लिखें और जोर जोर से बोलकर अभ्यास करें।
4. कोई भी दो कविताएं याद करें तथा कविता को सुनाते हुए अपना छोटा सा वीडियो साझा करें।
5. अपनी कोई भी मनपसंद कहानी को अपने परिवार के सदस्यों को सुनाएं।
6. दिए गए कार्यपत्रक को करें।

### **ENGLISH**

Read and write 2 and 3 lettered words.

Watch this video and learn the phonics sound.

<https://youtu.be/R2frjzrC5Jg>

Do 20 pages of cursive writing..

Learn the poem five Little monkeys.

Do the worksheets shared in WhatsApp group.

### **EVS**

Make a list of food items that you like eating.

Learn and write names of the parts of your body.

Follow healthy habits and personal hygiene in your daily routine.

Do the worksheets shared in WhatsApp group.

## CLASS II

NOTE: Do all the Assignment in a neat and legible handwriting in the Homework notebook.

Pasting work to be done in scrap book.

Parents are requested to just guide the children to complete the task on their own.

### **SUBJECT: EVS**

#### WEEK 1

- Write names of sense organs and their functions.
- Name body parts that are in pairs.

#### Week 2

- Paste pictures of clothes you wear during summer , winter and rainy season.
- Paste traditional dress of Himachal pradesh, Haryana and Punjab.

#### WEEK 3

Name and paste /draw pictures of

- things used to clean our body
- things used to clean our home.

#### WEEK 4

Visit any park or garden near your home and paste / draw following things you see there  
Trees-Flowers-Birds-Animals-Insects (learn their names also)

#### WEEK 5

1. Make a collage of your favourite food items.

### **ENGLISH**

Do ten pages of neat and clean handwriting .

#### Week 1

Read the following passage and answer the following questions.

One morning, as Haldi walked to school, she met a giraffe. The giraffe wore big glasses and held a book in his hand. He smiled and said, "Good morning, Haldi." Haldi looked up at him. "I'm sorry to stare," she said, "but I have never met a giraffe like you." "My name is Smiley," said the giraffe.

Q1. Where was Haldi going?

Q2. Whom did she meet on the way ?

Q3. Complete the following sentences.

The giraffe wore a big \_\_\_\_\_.

The giraffe held a \_\_\_\_\_ in his hand.

The giraffe's name was \_\_\_\_\_.

Q4. Write two words from the passage with the letters 'oo '

Q5. Write the past tense of i) wear - \_\_\_\_\_ ii) hold - \_\_\_\_\_

write the days of the week.

#### WEEK 4

Write five things you would wish to do if you had a magic wand .

If I had a magic wand I would turn it round and round and turn my lunch into a \_\_\_\_\_ . I would turn my classroom into a \_\_\_\_\_ .

I would turn my books into \_\_\_\_\_.

I would turn a dog into a \_\_\_\_\_.

I would turn a pencil into an \_\_\_\_\_.

WEEK 5

Make a dart board of your choice ( as on page 35of your textbook)

## **MATHEMATICS**

WEEK 1

1. Write numbers and their number names from 1 to 50
2. Learn and write table of 2 and 3
3. Paste 5 two dimensional objects
4. 5 sums of addition.

WEEK 2

1. Write numbers and their number names from 50-100
2. Learn and write table of 4 and 5
3. Paste 5 three dimensional objects

WEEK 3

1. Write the ordinal numbers from 1 to 10
2. Learn and write table of 6 and 7
3. Paste 5 sliding objects

WEEK 4

1. Do activity given on page no. 17 ( bindis)
2. Learn and write table of 8 and 9
3. Paste 5 rolling objects

WEEK 5

1. Do 5 sums of subtraction
2. Make a picture using shapes( page 44)

## **विषय : हिंदी**

सप्ताह 1

१.हिंदी वर्णमाला लिखें और इसका अच्छे से अभ्यास करें ।

२. संयुक्ताक्षर शब्दों को अपनी हिंदी की किताब से (कम से कम 15 से 20) ढूंढ कर लिखें।

सप्ताह 2

३. 14मई को &quot;मदर्स डे &quot; पर आप सभी अपनी मम्मी के लिए उनका एक सुंदर सा चित्र बनाएं व उन पर पांच पंक्तियां लिखें।

४&quot; ऊंट चला&quot;कविता को लिखे व पढ़ें। पाठ में आए प्रश्नों के उत्तर लिखे व याद करें।

सप्ताह 3

५. आश्चर्य ,खुशी, क्रोध और डर भावों का चित्र बनाकर दिखाओ।

६. अपने मनपसंद 5 पक्षियों के नाम लिखें व उनका चित्र बनाएं।

७. 15 मई &quot;विश्व परिवार दिवस &quot; पर आप सभी अपने परिवार के सदस्यों का चित्र बनाए व उनमें आप अपने

रिश्ते को दर्शाएं जैसे पापा, मम्मा, चाचा ,चाची ,दादा, दादी इत्यादि।

सप्ताह 4

८. परिवार में बड़ों से जैसे दादा-दादी ,भैया ,दीदी, मम्मी ,पापा से कहानी सुने और उनसे सवाल पूछें।

९. आप सभी अपने माता- पिता के बारे में 10 पंक्तियां बोलते हुए एक अपना छोटा -सा वीडियो बनाएं।

१०. आप अपने दोस्त / शिक्षक को एक चिट्ठी लिखें जिसमें आप अपने मन की सभी बातें लिखिए जो आप

उन्हें कहना चाहते हो और जब स्कूल खुलेंगे तब वह चिट्ठी आप उन्हें दे देना यकीनन उन्हें आपकी चिट्ठी पढ़ना बहुत अच्छा लगेगा।

सप्ताह 5

११. आप अपने किसी पांच मनपसंद जानवरों का मुखौटा बनाएं।

१३. 5 जून &quot;विश्व पर्यावरण दिवस &quot; पर एक चित्र बनाएं तथा एक पौधा लगाते हुए अपना एक छोटा सा वीडियो बनाएं।

नोट: प्रतिदिन कोई कहानी या कविता जरूर पढ़ें( वह आपकी किताब से हो सकती हैं या कोई भी किताब से हो सकती हैं )और उन में आए कठिन शब्दों को लिखने का अभ्यास करें।

## CLASS III

NOTE: Do all the Assignment in a neat and legible handwriting in the Homework notebook.

Pasting work to be done in scrap book.

Parents are requested to just guide the children to complete the task on their own.

### **Subject: ENGLISH**

Practice reading one page daily.

Practice “English speaking” with your parents, siblings and friends.

WEEK -1

- Practice one page cursive handwriting daily.
- Read and learn poem “GOOD MORNING”.
- Write a paragraph on “MY MOTHER”.

WEEK -2

- Read the ch &quot; The magic garden&quot;
- Write five sentences on &quot; my Magic garden&quot;.
- Make sentences using IS,AM,ARE.( 2 EACH )

WEEK – 3

- Make a scrap book using flowers and dry leaves.(pg no 7,8 from textbook) .
- Learn poem “Birds Talk” with action.

WEEK -4

- Write five sentences on “National Bird”.
- Make a mask of water animals like( octopus , fish , crocodile, sea horse ) .

WEEK -5

- Make 5 finger puppets of birds and write a story with a moral.

Read 2 Moral stories and learn them.

### **हिंदी**

❖ प्रति दिन एक पृष्ठ पढ़ें ।

सप्ताह -1

प्रतिदिन एक पृष्ठ सुलेख लिखें ।(केवल 7 दिन )

एक जंगल का चित्र बनाकर जंगली जानवरों के चित्र चिपकाओ । सप्ताह - 2

कक्कू कविता यादश्रकरोश्रऔर कोयल का चित्र बनाओ ।

गर्मी के मौसम के बारे आपको क्या- क्या अच्छा लगता है पांच वाक्य लिखो । सप्ताह - 3

“मनकरता है&quot; कविता याद करो ।

सप्ताह - 4

किसी पक्षी पर एक कविता लिखो ।

आकाश में दिखने वाले चीजों के चित्र बनाओ और नाम लिखो । सप्ताह - 5

बारिश का एक चित्र बनाओ और चित्र से संबंधित चित्र पर एक कहानी लिखो।

3 तरह की मूँछें बनाओ और अपने मन से इन्हें नाम दो ।

## **MATHEMATICS**

WEEK – 1

Write and learn table of 2 and 3.

Write number name of 101 to 200.

Make a balance to measure weight .

WEEK – 2

Write and learn table of 4 and 5.

Observe different rupees note (10,20,50 ) and write the following details

Number of languages

Identify pictures and symbols given

Practice and write five each 2-digit addition and 3- digit addition. WEEK – 3

Write and learn table of 6 and 7.

Use different mathematical shapes (triangle, rectangle, square, oval, etc. and make 2 different pictures and color it.

Make any 5 patterns by drawing or collage.

WEEK – 4

Write and learn table of 8 and 9.

Write the numbers using skip counting by 3's starting from 39 to 150.

Make a rangoli design using dots grid.

WEEK – 5

Write and learn table of 10, 11 and 12.

Make 5 cards each of circle ,triangle and rectangle and write 1 on circle , 10 on triangle,100 on rectangle.(using thick chart paper of size  $\frac{1}{4}$  of A-4 sheet)

## **EVS**

WEEK – 1

Use leaves and make pictures of different animals in notebook .(any two) • Draw/ paste any five animals you see around you and write their names . WEEK -2

FUN WITH COLOURS:

Take an A-4 size sheet / drawing sheet and fold it in the middle .Now unfold it and put some drops of different colours on it. Fold the paper again and press it unfold the paper . Look what you have made .

Draw 5 sources of water and write their names . WEEK – 3

Give 3 examples of each of the following and paste its pictures .

Animals that crawl

Animals that walk

Animals that fly

Animals that live on both land and water.

Animals that swim.

Make a "Toy Telephone". (with the help of thread and paper glass)

WEEK -4

Make a "Bird Bath" ( Take at a flat container and place it on the balcony or outside your home .Pour some fresh water in it every day for the birds . Also have a selfie with it . • Draw the following animals by

Thumb prints on A-4 sheet

Parrot,Peacock,Horse,Dog,Butterfly etc.,

WEEK – 5

Paste pictures of 5 means of communication.

Nature walk: Go to a garden nearby and observe plants. Also write name of these plants.

Make a poster on "SAVE WATER".

## **CLASS IV**

### **Subject: Maths**

MATHS 1 WEEK

1—Draw or paste pictures showing Top, Side and Front view of any 5 different objects.

2---Learn and write table of 2 to 5 .

2 WEEK

3—Add

( a)3kg 450gm , 6kg 250 g

(b) 10 kg 100g , 9 kg 300g

4—Learn and write table of 6 to 10 .

5—Make a Clock with the help of cardboard.

- Take a cutout of cardboard any shape • In the clock , use Roman numbers from I to XII

3 WEEK

6— Learn and write table 11 to 13.

7— Look at your shoes, shirt and trouser. You will notice that they have a number marked on them. This number is its size. Find out the size of your own and your family members and then record it in the given table

NAME	SHOE SIZE	SHIRT SIZE	TROUSER SIZE

Now complete these sentences---

- Name the member who has biggest shoe size \_\_\_\_\_
- Name the member who has smallest shoe size \_\_\_\_\_
- Name the member who has biggest shirt size \_\_\_\_\_

8---Subtract—

a) 3721 from 4250 b) 4838 from 6959

4 WEEK

9---Learn and write table of 14 and 15

10—Find information about the following---

- Number of Curtains in your house.
- Which is the nearest hospital from your home?

5 WEEK

11 —Draw the 3D shape of a brick and fill in the blanks

- A brick has \_\_\_\_\_ faces.
- A brick has \_\_\_\_\_ vertices.
- A brick has \_\_\_\_\_ edges.

12-- The number 45 is truly awesome. To get 45 you can add 1+2+3+4+5+6+7+8+9. (Try it). Let us find fewer more ways to make a sum of 45.

- 2 Numbers \_\_\_\_ + \_\_\_\_ = 45
- 3 Numbers \_\_\_\_ + \_\_\_\_ + \_\_\_\_ = 45
- 4 Numbers \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ = 45
- 5 numbers \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_ = 45

13—Multiply the following-\_\_

- 45 X 26 = \_\_\_\_\_
- 36 X 24 = \_\_\_\_\_

## **EVS**

1 WEEK

Make 2 flash cards( ½ of A-4 sheet and cardboard )

a)— Healthy food items with names

b)--- Animals that live in herd.

Visit any place (Zoo, Post office, museum etc.). Collect and record the information.

2 WEEK

Locate Rajasthan, Gujarat , Assam , Kerala , Jammu and Kashmir on map of India and paste it.

Make a self-made model of Bamboo Bridge / Jugaad .

Write 4 riddles on animals.

3 WEEK

Colour and decorate a clay pot.

Draw and colour to Khejadi tree and write its importance in 5 lines.

4 WEEK

• Paste newspaper cutting of any 3 famous sports personalities with the name of game. • Write recipe of fruit chaat with names of ingredients with names

5 WEEK

Make any 3 paper birds (paper folding) and paste on A4 sheets with names.

Watch kids Discovery channel.

Go for a Nature Walk and write the names of trees and birds you saw on A-4 sheet with pictures.

## **ENGLISH**

WEEK 1

Write one page cursive handwriting daily.

Read and learn poem "Wake up".

WEEK 2

Write any one paragraph of your choice from the newspaper and pick out / encircle 5 naming and action words each and list them.

Make word Train: Make new word from last letter of the word.

ALARM. 2. TRAIN

WEEK 3

Read lesson: Neha's Alarm clock .

frame 5 sentences of your own using was/ were. (refer page -3)

WEEK - 4

Paste a picture of your choice and write five sentences on it

WORD BUILDING: Make new words using the letters of the given words( at least 10 each)

EXTRAORDINARY , IMMEDIATELY

WEEK – 5

Choose one story and Make a list of 5 naming words, describing words from it.

Read and learn poem "NOSES" – pick out 5 sets of rhyming words.

## **हिन्दी -**

सप्ताह एक

पाठ 1 से 3 याद करें।

प्रतिदिन एक पृष्ठ सुलेख लिखें।

सप्ताह दो

पाठ 4 और 5 पढ़ें।

नीचे दिए गए कार्य पत्रिका को करें।

<https://drive.google.com/file/d/1OHmiDWDEacOcwnOzjcp6D-Knh-VxoR0K/view?usp=drivesdk>

सप्ताह 3

प्रतिदिन एक पृष्ठ सुलेख लिखें ।

किसी भी कहानी की पुस्तक से 5 कहानियां पढ़ें। और कोई भी एक कहानी लिखें।

सप्ताह 4

अपने प्रिय खेल पर एक अनुच्छेद लिखें।

अपने मन से कोई भी एक कहानी बनाकर लिखें ।

सप्ताह 5

आपने ग्रीष्मकालीन अवकाश किस प्रकार व्यतीत किया , एक अनुच्छेद लिखकर बताएं।

## CLASS V

NOTE: Do all the Assignment in a neat and legible handwriting in the Homework notebook.  
Pasting work to be done in scrap book.  
Parents are requested to just guide the children to complete the task on their own.

### EVS

#### WEEK 1

Show national parks, birds sanctuaries, and bio sphere reserves in the map of India.(3 each)  
Plant a sapling in your house .Write the report showing weekly changes in the plant.(take its photo on the First & Last Day of Vacation )

#### WEEK 2

Find out Maneka Gandhi's Contribution to prevent cruelty towards the animals.  
Find the correct way of disposal of e-garbage.(Write a report)  
Revise Chapter 1

#### WEEK 3

Collect information about any five historical places in Himachal Pradesh  
Prepare a balanced diet chart for the age group 9-12.  
Revise Ch- 2

#### WEEK 4

Visit the Zoo and observe different animals/ birds. Write about any two animals which you saw for the first time.  
Draw a Chart showing the Digestive system of Human Being.  
Revise Ch- 3

#### WEEK 5

1. Collect & Write the information about Snakes in India.  
Make a puppet with waste material  
Make a poster regarding precautions to be adopted against Mosquito breeding.

### MATHS

#### WEEK 1

1. To make a degree Clock.
2. To draw the clocks showing the time of :-
  - a) Your breakfast
  - b) Your lunch
  - c) Going to playground
  - d) Going to bed.
3. Learn and write tables of 2 to 6.

#### WEEK 2

4. Using the protractor draw the angles of following degrees:-
  - a) 30°
  - b) 45°
  - c) 90°
  - d) 120°
5. Make Indian and International Place value chart on a chart paper.
6. Learn and write tables of 7 to 10.

#### WEEK 3

7. Write and draw objects of following shapes:- (seen at home /surrounding)
  - a) Triangles ( three objects)
  - b) Rectangles( five objects)
  - c) Square (Two objects)
  - d) Circular ( Three Objects)
  - e) Hexagonal (one object)
8. Visit the vegetable market. Write down the prices of any three items you buy regularly and calculate the cost of buying  $\frac{1}{2}$  kg of I st item,  $2\frac{1}{2}$  kg of II nd item, 3 kg of III rd item.  
Find the total cost.
9. Learn and write tables of 11 to 14.

#### WEEK 4

10. Take all the 6 pictures of 'Surya Namaskar' yoga step by step and find right angles, Acute Angles and Obtuse angles in all these Yoga- Postures. Write all the angles in tabular form.
11. Learn and write tables of 15 to 17.



## WEEK 5

12. Collect a bill of grocery items purchased and study it.

- Write the items purchased with its quantity.
- Write the rate of each item.
- What is the total amount expenditure as per this bill?
- Write the Name of Firm , Bill No, & Date of Bill.

13. Learn and write table of 18 to 20.

## हिंदी

### प्रथम सप्ताह

- पांच क्रिया शब्दों के फ्लैश कार्ड्स बनाओ।
- प्रतिदिन समाचारपत्र पढ़ो और पांच नए शब्द लिखो।
- प्रतिदिन एक सुलेख लिखो।

### दूसरा सप्ताह

- किन्हीं पांच राज्यों के फसलों के त्योहारों के चित्र चिपकाकर नाम लिखो और परिवार के साथ चर्चा करो।

### तीसरा सप्ताह

- अकबर- बीरबल/तेनालीराम की कहानियां पढ़ो और 2 कहानी लिखो।

### चतुर्थ सप्ताह

- निम्न शब्दों का वाक्यों में प्रयोग करो

क) आप बीती

(ख) मशहूर

ग) हाजिर जवाबी

- खिलौने वाला कविता पढ़ो और याद करो

### पांचवा सप्ताह

- गर्मी की छुट्टियों में कहां घूमने गए उसके बारे में 10 वाक्य लिखो।

## CLASS VI

### ENGLISH

1 Read one page english daily
2 Write 20 pages of cursive writing in english holidays homework notebook
3 Learn and revise all chapters done till date
4 Write two notices on lost and found
5 Write following application to Principal of your school
a) sick leave
b) urgent piece of work
c) marriage leave
6 Learn 3 poems with action
7 Learn school pledge and prayer

### HINDI

- बाल राम कथा पुस्तक को पढ़ो और विषय वस्तु को समझो।
- वसंत भाग 1 में से पढ़ाए गए पाठों के प्रश्न उत्तर को याद करें।
- वसंत भाग 1 में से दस पृष्ठों का सुलेख लिखें।

4. वर्णमाला की बारहखड़ी की तालिका तैयार करो।

5. (क) भाई के विवाह के लिए अवकाश हेतु प्रार्थना पत्र।

(ख) जरूरी काम के लिए अवकाश हेतु स्कूल के प्रधानाचार्य को प्रार्थना पत्र।

6. वसंत भाग 1 पुस्तक के पहले तीन पाठों में से संज्ञा एवं विशेषण शब्द चुनकर कम से कम पांच पांच वाक्य बनाएं।

#### **SCIENCE**

1. Conduct a survey for 10 families around you, about what kind of food they eat. Then categorise those families into families that take balanced diet and families that do not take balanced diet (Collect the data and arrange in tabular form).

2. Prepare a list of food items you commonly eat and find out major nutrients contained in them and check if you are missing on any essential nutrient.

3. List 5 plants and their parts that are eaten as food and enlist nutrients present in them (paste pictures).

4. Prepare a diet chart for a 12 year old student.

5. Revise ch-1 and 2 of new book.

6. Write the deficiency diseases its causes and symptoms in a tabular form.

7. Grow 5 grains through sprouting. Paste picture also.

8. Ask the students to gather information about countries facing shortage of food, its causes and effects through newspapers, magazines and internet.

9. For INSPIRE AWARDS – Write a brief passage on any innovative idea you have or any improvement in existing things (Write on a A4 sheet). Also draw your idea in a simple diagram.

#### **SST**

1) visit a historical or tourist place in summer vacation and write it's historical importance and geographical features of that place.

2) Make diagrams of following concepts

a) Rotation of earth

b) Revolution of earth

c) solar system .

#### **MATHS**

1. Working model on fractions.

2. Working model on HCF and LCM.

3. Working model on Ratio and Proportion.

4. Make a decorative chart of Prime number and composite numbers (1-100).

5. Write Roman Numerals 1-50 with the help of matchstick on chart paper.

6. Write 10 questions of your choice on International system of Numeration, Indian system of Numeration and Place values.

7. Solve Try these boxes and examples of chapter 1 and chapter 2 in separate notebook.

8. Prepare 10 MCQs from chapter 1 and chapter 2.

9. Learn tables 1-20.

10. Revise chapter 1 and chapter 2.

#### **SANSKRIT**

निर्देश:-सभी विद्यार्थी ग्रीष्मकालीन अवकाश कार्य संस्कृत कॉपी में करेंगे।

1. सप्तफलानां नामानि चित्रैः सह संस्कृतेन लिखत।(सात फलो के नाम संस्कृत में चित्र सहित लिखिए।)

2. 1 तः 50पर्यन्तं संख्याः संस्कृतेन लिखित्वा कण्ठस्थं कुर्वन्तु।(1 से 50 तक संस्कृत में गिनती लिखिए और उनको याद करो।)

3. सप्तपशूनां नाम चित्रैः सह संस्कृतेन लिखत।(सात जानवरों के नाम संस्कृत में चित्र सहित लिखिए।)

4. दत्तशब्दान् संस्कृतेन लिखत - पिता, माता, पितामह, मित्रम्।(दिये गये शब्दों को संस्कृत में लिखिए- पिता, माता, दादा, मित्र।)

5. बालक, बालिका शब्द लिखो और याद करो।

6. पठ, खाद धातु को लिखो और याद करो।

7. कोई 10 श्लोक याद करो।

## CLASS VII

### ENGLISH

- |  |
|--|
| 1. Read all the chapters of both English books and prepare 5 MCQs from each lesson and poem with answers |
| 2. you have to write about any 2 good deeds which you would do for others during vacations               |
| 3 Paragraph on - My School, My Friend, My Father and My Teacher  |
| 4. Learn and write Stories - Thirsty Crow, Greedy Dog, Fox and Grapes, Fox and Crow                      |

### HINDI

- छुट्टियों में 15 पृष्ठ सुलेख लिखो।  
अपनी किताब वसंत में से 50 पर्यायवाची शब्द ढूँढकर लिखो।  
अपनी किताब से कोई 50 विपरीत शब्द लिखो और याद करो।  
एक औपचारिक एवं एक अनौपचारिक पत्र लिखो।  
प्रतिदिन एक पृष्ठ पढ़ो।  
अपनी पुस्तक से संज्ञा के 10, सर्वनाम के 10 विशेषण के 10 उदाहरण लिखो।  
पूरी बालमहाभारत पढ़ो।  
किन्हीं पाँच पुस्तकों की पुस्तक समीक्षा लिखो।

### SST

- Revise following chapters and their exercise completed Environment, Tracing Changes through a Thousand Years, On Equality, Inside our Earth.  
Activity Visit a monument or any historical place and write about its significance and importance in Indian History.  
Map Work Practice map work of Indian states and Political map of India.  
Prepare a colorful chart on any one of these topics: Components of Environment, Interior of the Earth, Rock Cycle.  
- Prepare a map of India showing all our neighboring countries in different colors and their name and capital.  
Multi Disciplinary Project on Solar system

### MATHS

#### PROJECT WORK:

1. Make a FOLDABLE on the topic : "Integers and its Properties"/Data Handling
2. Make a working model on Integers
3. Make a model to learn table 1-20 . Visit the following sites to understand the making of the model

#### WRITTEN WORK (To be done on a separate note book)

1. Solve all Examples and Try These Boxes of Chapter 1 & 2 .
2. Do 20 questions (each) on solving Multiplication and Division of fraction (other than book)
3. Collect the information of 5 mathematicians and write 5 points about them.
4. Solve CCT Questions (Any 5) Of Chapter 1 & 2 shared with you.

### SANSKRIT

1. सम्पूर्ण छुट्टियों में कोई 15 श्लोक याद करो और लिखो।
- 2.1 तः 50 पर्यन्तं संख्याः संस्कृतेन लिखित्वा कण्ठस्थं कुर्वन्तु। (1 से 50 तक गिनती संस्कृत में याद करो और लिखो।)
3. विद्यालये उपयोगिनो 10 वस्तुनः चित्रं कृत्वा तेषां नामानि संस्कृतेन लिखन्तु। (विद्यालय में काम आने वाली किन्हीं 10 वस्तुओं का चित्र बनाकर संस्कृत में उनका नाम लिखो।)
4. दश शरीराङ्गानाम् चित्रं कृत्वा तेषां नामानि संस्कृतेन लिखन्तु। (10 शरीर के अंगों का चित्र बनाकर संस्कृत में उनका नाम लिखो।)
5. "किम्" , "तत्" च शब्दरूपाणि लिखित्वा कण्ठस्थं कुर्वन्तु। (तत् और किम् शब्द रूप पुल्लिङ्ग स्त्रीलिङ्ग नपुंसकलिङ्ग तीनों लिंगों में लिखो और याद करो।)

6. चर् धातुः पञ्चलकारानां रूप लिखित्वा कण्ठस्थं कुर्वन्तु।।( लट्, लृट्, लोट्, लङ्, च विधिलिङ्ग)(चर् धातु लट् , लोट् , लङ्, लृट् , विधिलिङ्ग पांचो लकार लिखो और याद करो।)

7. प्रत्येक कारक चिह्न से 05 वाक्य बनाओ।

### **SCIENCE**

1. Draw the following diagrams on A4 sheets
• Sea breeze and land breeze chapter – Heat
• Mechanism of breathing in human being chapter- respiration in organism
• Section of human heart chapter transportation in animals
• Human excretory system
• Fertilisation (zygote formation) reproduction in plants
2. Visit a green house and make a report on (i) why we use greenhouse (ii) how plants are able to adapt to it? (iii) Which plants are grown in green houses? (iv) what are the benefits of green house? (v) what are its harmful effects?
3. Collect weather reports of seven successive days in the winter months (preferably December) from old news paper or tv news weather forecast . Collect similar reports for the summer months (preferably June).
Try to answer the following questions: (i) Is there any difference in the time of sunrise during summer and winter?
(ii) When do you find that the sun rises earlier?
(iii) Do you also find any difference in the time of sunset during the month of June and December?
(iv) When are the days longer?
(v) When are the nights longer? (vi) Why are the days sometimes longer and sometimes shorter?
(vi) Plot the length of the day against the days chosen in June and December
4. Find out about blood groups of your family members and the importance of blood groups.
5. Make a stop motion video on either of the following topics or any topic from your science text book
(i) Digestive system
(ii) Water cycle
(iii) Photosynthesis
(iv) Respiration
(v) effects of sugar on oral hygiene
6. Learn keywords, question answers of chapter 1 and chapter 2
7. Prepare a short speech on any topic some of the suggested topics are (i) My Ambitions (ii) Role of science in our life (iii) Global warming (iv) The benefits of a positive attitude (v) The benefits of forgiveness and letting go of grudges. (vi) water scarcity. (vii) importance of good diet.
8. Collect leaves of different size shape and colour and make a leaf album.
9. Make a good working model of science . Explain its working and uses.
10. Grow a plant and prepare a report on 'My Experience watching a plant Grow' . Paste some photographs related to it.

## CLASS VIII

### **MATHS**

#### **PROJECT WORK:**

1. Make a FOLDABLE on the topic : "Rational numbers and its Properties"/Data Handling

2. Make a working model on Quadrilaterals/types of Quadrilaterals/Properties of Quadrilaterals.

3. Make a toy/ model to learn table 1-20 . Visit the following sites to understand the making of the model

WRITTEN WORK (Do on a separate Holiday Home Work notebook )

- 1.Solve all Examples of Chapter 1 & 2 .
- 2.Do 25 questions on solving linear equation in one variable (other than book)
3. Collect the information of 5 mathematicians and write 5 points about them.
4. Solve CCT Questions (Any 5) Of Chapter 1 & 2 shared with you.
- 5.Prepare 20 MCQs from each chapter.
- 6.Revise and Practice Ch1& 2

### **HINDI**

- किन्हीं तीन विषयों पर निबंध लिखो: भ्रष्टाचार की समस्या, परीक्षा के दिन, पर्यावरण ।
- किन्हीं तीन विषयों पर औपचारिक एवं अनौपचारिक और कार्यालयी पत्र लिखें।
- भारत की खोज पुस्तक के पाठों को पढ़ें और विषय वस्तु को समझें।
- अध्यापक और शिक्षक के बीच गृह कार्य को लेकर पांच-पांच संवाद लिखिए।
- बसंत भाग 3 पुस्तक में से दस पृष्ठों का सुलेख लिखें।
- बसंत भाग 3 पुस्तक में से पढ़ाए गए के पाठ के प्रश्न उत्तर याद करें।
- बसंत भाग 3 पुस्तक में से पढ़ाए गए पाठ में से संज्ञा एवं विशेषण शब्दों को चुनकर वाक्य बनाएं।
- परियोजना कार्य: विराम चिन्हों पर मॉडल तैयार करें।

### **SCIENCE**

- .Sow some seeds in the soil and arrange to water them by drip irrigation.Observe daily.
- i.Do you think it can save water?
- ii.Note the change in the seed.
- 2.Collect different types of seeds and put them in small bags.Label them .
- 3.Collect pictures of some other agricultural machines and paste them in a file .Write their names and uses.
- 4.Make notes of – Microorganisms: Friends and foe
- Force and Pressure
- Coal and Petroleum
- 5.Write 10 lines on the usefulness of microorganisms in our lives
- 6.Write a short paragraph on the harmful effects of microorganisms.

### **ENGLISH**

1. Read all the chapters of both English books and write down the names of all main characters and prepare 5 MCQs from each lesson and poem with answers
2. you have to write about any 2 good deeds which you would do for others during vacations
3. watch inspiring movies - unchai, Makadi, Bee movie, Home alone and I am Kalam
4. Learn and write 5 stories

### **SANSKRIT**

- 1.सरस्वती मातुः चित्रं कृत्वा सरस्वती श्लोकं लिखत।( माँ सरस्वती का चित्र बनाकर सरस्वती श्लोक लिखे।)
2. दशपक्षिणां नाम चित्रैः सह संस्कृतेन लिखत। (दस पक्षियों के नाम संस्कृत में चित्र सहित लिखिए।)
- 3.दश शाकस्य चित्रं कृत्वा तेषां नामानि संस्कृतेन लिखत।(10 सब्जियों का चित्र बनाकर संस्कृत में उनका नाम लिखो।)
4. 1 तः 100 पर्यन्तं सङ्ख्याः संस्कृतेन लिखित्वा कण्ठस्थं कुर्वन्तु। (1 से 100 तक गिनती संस्कृत में याद करो और लिखो ।)
5. "अस्मद्" , "युष्मद्" च ' शब्दरूपाणि लिखत।(अस्मद्" , "युष्मद्" च ' शब्दरूप लिखो।)
6. "खाद्" धातुः पञ्चलकारानां रूपं लिखित्वा कण्ठस्थं कुर्वन्तु।।( लट्, लृट्, लोट्, लङ्, च विधिलिङ्ग) (खाद् धातु लट् ,लोट् , लङ्, लृट् ,विधिलिङ्ग पांचो लकार लिखो और याद करो।)
7. कोई पंद्रह श्लोक याद करो एवं लिखो।
8. कारक चिह्न से प्रत्येक से 05 वाक्य लिखो।

## **SST**

How, When and Where 1. Why do we call history our Past? 2. Why do we divide history into periods? 3. What did James Mill think about the Asian Societies?
- Prepare a map of India showing all our neighboring countries in different colors and their name and capital.
From Trade to Territory 1. What attracted European trading companies to India? 2. Explain the system of Subsidiary alliance? 3. How were the regional kingdoms set up after Aurangzeb's death?
The Indian Constitution 1. Why does a democratic country need a Constitution? 2. When did the Constituent Assembly draft the Constitution for Independent India?
Activity: 1- • Prepare a Time-line of various events in history of India from the coming of British to the Revolt of 1857. Also paste pictures of Governor Generals of British India. Skills Enhanced / Learning Outcomes → Classification → Organization → Critical Thinking → Inquisitiveness → Observation The Indian Constitution Activity: 3- Designing Preamble Design a preamble for your school abiding to all the rights and duties of all the students in school. You can also take hint from preamble of 'Constitution of India' Skills Enhanced / Learning Outcomes → Understanding → Creativity → Thinking → Application → Analysis

## **CLASS IX**

### **ENGLISH**

1) A) Read all the chapters of both the English books at least twice.
B) Complete the written work in your notebook of the chapters taught till date. Also learn and revise.
2) Write down names of all the Main characters of all the chapters.
3) Prepare 5 MCQs from all the chapters with the answers.
4) Write any interesting 3 to 5 diary entries during your summer holidays including 1) one on your journey to any tourist place, 2) your one day without using mobile phone, 3) Write about any new thing or skill you have learned during this summer vacation. Etc.
5) Write about any 2 good deeds you have done for others during your holidays.
6) Take "interview of your Father and mother." And write about it.
7) You recently visited the Children's Park, a favourite place for all children, in your city. Write a description of the park in 100-150 words.
8) Write a short story with the help of the cues given below. Give a suitable title to the story. 1) You encountered two strange people. They were different from normal human beings but they were quite interesting and exciting. As Amit/Manisha, using your ideas, write a story in about 150-200 words narrating your experience with them.
9) Going to Mumbai by train to attend marriage of a friend..... got stuck in a traffic jam..... reached the railway station late..... boarded a wrong train..... realised after two hours..... now you....
10) A) Write a letter to the editor regarding the bad roads in your locality.
B) Write a letter each :- 1) Enquiry letter 2) Complaint Letter 3) Order placing letter.
Q.11) Watch these inspiring Movies and write about any one you like the most. 1) Unchai 2) Makadi 3) Bee movie 4) Epic 5) Home alone 6) I am Kalam

### **BIOLOGY**

1. Revise chapter "The fundamental unit of life" and complete its NCERT questions as sent on Google classroom (use code pkecto4). Use your school i'd for joining Google classroom.
2. Make a detailed project on any of the following topics:
· STRUCTURE OF ANIMAL CELL (ROLL NUMBER 1 – 10)
· STRUCTURE OF PLANT CELL (ROLL NUMBER 11 – 20)
· DISCOVERY OF CELL (ROLL NUMBER 21 – 30)
· A PROKARYOTIC CELL (ROLL NUMBER 31 – 40)

· A COMPARISON BETWEEN PROKARYOTIC AND EUKARYOTIC CELL (ROLL NUMBER 41 ONWARDS)

The project should contain minimum 10 pages. No prints are allowed.

For INSPIRE AWARDS: Give a brief write up about any innovative idea you have with simple diagram on an A4 sheet.

### **HINDI**

किन्ही 10 पुस्तकों की पुस्तक समीक्षा लिखो.

किन्ही पाँच विषयों पर संवाद लिखो।

अपनी कोई प्रसिद्ध यात्रा पर वृतांत लिखो।

अपनी तरफ से कोई 03 लघु कथाएं लिखो. (100 शब्द)

अपनी पुस्तक से प्रत्येक समास के 05 उदाहरण लिखो।

कृतिका पुस्तक के सभी पाठों का अध्ययन कीजिये।

### **PHYSICS**

Solve ncert exercise of chapter Motion

Make notes of chapter force and laws of motion ,Motion

Draw graphs between x-t,v-t and s-t (when object in Rest ,in motion ,moving with inform velocity)

Solve 10 case based questions of chapter Motion

Try to make a NCSC project on particular themes

### **CHEMISTRY**

(A) a true solution of common salt, sugar and alum

(B) a suspension of soil, chalk powder and fine sand in water Unit-I

© a colloidal solution of starch in water and egg albumin/milk in water and distinguish between these on the basis of

transparency , filtration criterion, stability

3. Prepare a periodic table on A4 size paper and learn the elements .

4 . Prepare a survey report on any of the following.

Role of Science and technology in daily life

Advancements in science and technology

What are the challenges of conversion to green energy?

How can additional research in the field of Chemistry improve food quality?

The connection of chemicals in the seawater and the weather changes.

Correct posture benefits

5. Submit an idea for Inspire Manak Awards along with sketch of idea and its brief description.

6. Prepare 20 MCQ by yourself from chapter 1 chemistry chapter 8 motion physics along with answers.

7. Learn chapter 1 and chapter 8 motion question answers along with intext questions

8. Working model related to science.

9. Prepare a speech of 2-5 minutes on any topics / principal/ experiment related to science or on life of any scientist who has inspired you the most .

### **SST**

Prepare 10 objective (1 mark) questions each from these chapters: French Revolution, India Size and Location, What is Democracy, Why Democracy

Write Five extra question from each chapter.

Prepare a file on Disaster Management taking any one of the following topic: 1- Flood, 2- Drought, 3- Earthquake, 4- Industrial Accidents

## Portfolio

Draw and Label map of France from the chapter French Revolution (Page 9 of NCERT History book.)

Prepare map work from these chapters: 1) India Size and Location: 1) The island groups of India lying in the Arabian sea and the Bay of Bengal, 2) The countries constituting Indian Subcontinent, 3) The states through which the Tropic of Cancer passes, 4) The strait separating Sri Lanka from India, 5) The place situated on the three seas.

## **MATH**

Make any 2 Model from the following

1. Make a working model on Algebraic Identities /Number system.
2. Make a working model on Types of angles / Congruence of Triangles.
3. Make a working model on Types of quadrilateral/Properties of circle.

WRITTEN WORK (To be done on a separate note book)

1. Write and solve all examples from Chapter 1& 2
2. Solve any 5 questions on each identity taught in Chapter-2.
3. Collect the information about Indian mathematicians(Any 5) .Write 10 lines about each of them(paste their pictures if possible).
4. Solve and Paste 5-10 puzzles from newspaper.
5. Revise all the syllabus taught by written practice.(Chapter 1 & 2 )
6. Solve and write CCT based Questions of Chapter 1& 2 .(Will be shared in class group soon)

## CLASS X

### **ENGLISH**

1) A) Read all the chapters of both the English books at least twice.

B) Complete the written work in your notebook of the chapters taught till date. Also learn and revise.

2) Write down names of all the Main characters of all the chapters.

3) Prepare 5 MCQs from all the chapters with the answers.

4) Write any interesting 3 to 5 diary entries during your summer holidays including 1) one on your journey to any tourist place, 2) your one day without using mobile phone, 3) Write about any new thing or skill you have learned during this summer vacation. Etc.

5) Write about any 2 good deeds you have done for others during your holidays.

6) Take "interview of your Father and mother." And write about it.

7) You recently visited the Children's Park, a favourite place for all children, in your city. Write a description of the park in 100-150 words.

8) Write a short story with the help of the cues given below. Give a suitable title to the story. 1) You encountered two strange people. They were different from normal human beings but they were quite interesting and exciting. As Amit/Manisha, using your ideas, write a story in about 150-200 words narrating your experience with them.

9) Going to Mumbai by train to attend marriage of a friend..... got stuck in a traffic jam..... reached the railway station late..... boarded a wrong train..... realised after two hours..... now you....

10) A) Write a letter to the editor regarding the bad roads in your locality.

B) Write a letter each :- 1) Enquiry letter 2) Complaint Letter 3) Order placing letter.

Q.11) Watch these inspiring Movies and write about any one you like the most. 1) Unchai 2) Makadi 3) Bee movie 4) Epic 5) Home alone 6) I am Kalam

### **HINDI**

कृतिका पुस्तक के सभी पाठों का अध्ययन कीजिये।

अपनी पुस्तक से अलंकारों के प्रत्येक के 03 उदाहरण लिखो।

अपनी पुस्तक के गद्य पाठों से वाक्य के प्रत्येक भेद के 05 वाक्य लिखो।

कोई दस पृष्ठ सुलेख लिखो।



एक औपचारिक एवं एक अनौपचारिक पत्र लिखो।  
 किन्ही दो विषयों पर विज्ञापन बनाओ।  
 वाच्य, पद परिचय को पढ़ो।  
 क्षितिज का प्रतिदिन एक पाठ पढ़ो और उनकी विषय वस्तु को समझो। प्रत्येक पाठ से किन्ही 05 कठिन शब्दों को लिखकर शब्दकोश तैयार कीजिए।

### **MATH**

1. Prepare Revision Notes / brain Map of Chapter 1,2 & 3
2. Prepare 20 MCQS from Chapter 1,2 & 3.
3. Solve all Example problems from Chapter 1 to 3 .
4. Solve any 10 mathematical puzzles from any news paper.
5. Solve CCT Questions (Shared with you in whats app group) of Chapter 1,2 & 3 on CCT notebbok.
6. Solve extra questions (at least 15-20 ) from each Chapter .

### **SCIENCE**

<b>Biology</b>	1. Complete study notes, NCERT exercise on fair note book as shared on google classroom (code <b>ogiu2w</b> ) for next chapter i.e. Control and coordination
	2. Make a detailed project report on following topics roll number wise as indicated below:
	Roll no. 1 to 8 - Photosynthesis in plants
	Roll no. 9 to 16 - Nervous system in human beings
	Roll no. 17 to 24 - Asexual and sexual reproduction in organisms
	Roll no. 24 to 32 - Medelian genetics
	For INSPIRE AWARDS – Submit a brief write up of any innovative idea you have on a plain A4 sheet along with a diagram.
<b>Physics</b>	1. Complete your practical file with the following experiments
	Use given link to write down practical (don't write procedure)
	<a href="https://www.kopykitab.com/blog/cbse-class-10-science-practicals/?amp">https://www.kopykitab.com/blog/cbse-class-10-science-practicals/?amp</a>
	Solve previous year questions from. Sample paper of chapte Light
	Solve 10 case study from chapter Light
	Submit a brief report on NCSC project(Innovative Idea)
	1. Complete your practical file with the following experiments
<b>Chemistry</b>	.LIST OF EXPERIMENTS
	A. Finding the pH of the following samples by using pH paper/universal indicator:
	(i) Dilute Hydrochloric Acid
	(ii) Dilute NaOH solution
	(iii) Dilute Ethanoic Acid solution
	(iv) Lemon juice
	(v) Water
	(vi) Dilute Hydrogen Carbonate solution
	Unit-I
	B. Studying the properties of acids and bases (HCl & NaOH) on the basis of their reaction with :
	a) Litmus solution (Blue/Red)

	b) Zinc metal
	c) Solid sodium carbonate
	B. Performing and observing the following reactions and classifying them into:
	Combination reaction Decomposition reaction Displacement reaction Double displacement reaction
	(i) Action of water on quicklime
	(ii) Action of heat on ferrous sulphate crystals
	(iii) Iron nails kept in copper sulphate solution
	(iv) Reaction between sodium sulphate and barium chloride solutions
	2. Think an idea for INSPIRE MANAK AWARD . Make a sketch of the idea and write a brief note about your project.
	3. Find out the working of water purifier at your home and explain On what application it is based and how it works?
	4. Collect the information regarding the packaged items you eat . Its nutritional content and make a survey report on how their shelf life is increased. What are the preservatives used in it.
	5. Make a working model related to science (physics chemistry or biology)
	<a href="https://ncert.nic.in/pdf/publication/exemplarproblem/classX/science/jeep101.pdf">6. Solve all the Ncert Exemplar questions of chapter 1. It will be in your reference books or link is being provided here . https://ncert.nic.in/pdf/publication/exemplarproblem/classX/science/jeep101.pdf</a>
	You can take its printout and solve it.
	7. Prepare a short speech 2-5 minutes on the topic related to chemistry , general principle/experiments/invention of science or on the life a Scientist who has inspired you the most.

### SST

Written and Learn work Of Chapter -1 The rise of nationalism in Europe
Resources and development
Power sharing
Development
Interdisciplinary project -The Nineteenth century (1815-1914) to end of Bretton Woods & the beginning of Globalization.
<b>Project work - Consumer Rights.</b>

## CLASS XII SCIENCE

ENGLISH	1 Write five notices
	2 Write five invitations
	3 Write five letters to editor
	4 Write five job application
	2.Solve all the CBSE questions of all the chapters done till date which will be sent in the group
	6 prepare a project file
Maths	1 Solve MCQs from NCERT Exemplar of Ch1, 2 & 3
	2.Solve all the CBSE questions of all the chapters done till date which will be sent in the group
	<b>3 Write all the trigonometric formula in your notebook</b>
	<b>4 Make a chart of inverse trigonometric functions graphs and decorate it</b>
	<b>5 Prepare a project file</b>
	<b>6 Revise all the chapters done till date</b>
HINDI	सृजनात्मक लेखन

	1. निम्न विषय पर अपने शब्दों में आलेख लिखें
	शिक्षा को मौलिक अधिकार बनाए जाने के परिणाम
	2. अध्यापक और शिक्षक के बीच गृह कार्य को लेकर पांच-पांच संवाद लिखिए?
	3. निम्नलिखित विषयों पर दो से तीन सौ शब्दों में लेख लिखिए-
	क. इम्तिहान के दिन ख. प्रदूषण की समस्या
	4. विभिन्न जनसंचार माध्यमों- प्रिंट, रेडियो, टेलीविजन खूबियों और खामियों को लिखते हुए एक तालिका तैयार करें।
	5. परियोजना कार्य:
	क. एक दिन के किन्हीं तीन समाचार पत्रों को पढ़िए और दिए गए बिंदुओं के संदर्भ में उन का तुलनात्मक अध्ययन कीजिए:
	1. सूचनाओं का केंद्र / मुख्य आकर्षण
	2. समाचार का पृष्ठ एवं स्थान
	3. समाचार की प्रस्तुति
	4. समाचार की भाषा शैली
	6. वितान भाग 2 पुस्तक को पढ़े और विषय वस्तु को समझें।
	7. अभिव्यक्ति एवं माध्यम पुस्तक के प्रश्न उत्तर को लिखें।
PHYSICS	Write and make Investigatory project on Transformer, Rectifier HER and FWR
	Solve previous year questions from CBSE sample papers
	Solve 10 case based questions from chapter 1 2 and 3
	Make a questionnaire on MCQ from chapter 1 2 and 3
	Make notes of Unit II and Unit III
	Write down three activities from Section A of practical
COMPUTER SCIENCE	DO ALL PROGRAMS IN CLASS NOTEBOOK
	Q1. What possible outputs(s) are expected to be displayed on screen at the time of execution of the program from the following code. Select which option/s is/are correct
	import random print(random.randint(15,25) , end= ' ' ) print((100) + random.randint(15,25) , end = ' ' ) print((100) -random.randint(15,25) , end = ' ' ) print((100) *random.randint(15,25) ) (i) 15 122 84 2500 (ii) 21 120 76 1500 (iii) 105 107 105 1800 (iv) 110 105 105 1900
	Q2. Predict the output of the following code.
	def swap(P ,Q): P,Q=Q,P print( P,"#",Q) return (P)  R=100 S=200 R=swap(R,S) print(R,"#",S)

Q3. What possible outputs(s) are expected to be displayed on screen at the time of execution of the program from the following code? Also specify the maximum AND minimum values that can be assigned to the variable Num when P = 7

```
import random as r
val = 35
P = 7
Num = 0
for i in range(1, 5):
    Num = val + r.randint(0, P - 1)
    print(Num, " $ ", end = "")
    P = P - 1
```

(a) 41 \$ 38 \$ 38 \$ 37 \$

(b) 38 \$ 40 \$ 37 \$ 34 \$

(c) 36 \$ 35 \$ 42 \$ 37 \$

(d) 40 \$ 37 \$ 39 \$ 35 \$

Q4. Find the output of the following program;

```
def increment(n):
    n.append([4])
    return n
```

```
l=[1,2,3]
```

```
m=increment(l)
```

```
print(l,m)
```

Q5. Define a function overlapping () that takes two lists and returns true if they have at least one member in common, False otherwise.

Q6. Write a function, lenWords(STRING), that takes a string as an argument and returns a tuple containing length of each word of a string.

For example, if the string is "Come let us have some fun", the tuple will have (4, 3, 2, 4, 4, 3)

Q7. Find the output of the following program:

```
def ChangelT(Text,C):
    T=""
    for K in range(len(Text)):
        if Text[K]>='F' and Text[K]<='L':
            T=T+Text[K].lower();
        elif Text[K]=='E' or Text[K]=='e':
            T=T+C;
        elif K%2==0:
            T=T+Text[K].upper()
        else:
            T=T+T[K-1]
    print(T)
```

```
OldText="pOwERALone"
```

```
ChangelT(OldText,"%")
```

Q8. Find and write the output of the following Python code:

```
def makenew(mystr):
    newstr = " "
    count = 0
    for i in mystr:
        if count%2 ==0:
            newstr =newstr+i.lower()
```

	<pre> else:     if i.islower():         newstr = newstr+i.upper()     else:         newstr = newstr+i     count +=1 newstr = newstr+mystr[:3] print ("The new string is :", newstr) makenew("cbseEXAMs@2022") </pre>
CHEMISTRY	Chemistry holiday homework class xii
	1. Make an investigatory project of any topic related to chemistry in pdf format
	2. Write all the Name reactions (nearly 26 are there and written in Bold letters) from you Chemistry Part-II books and memorise these reactions. . Name reactions are based on the scientist s name who discovered the reactions.
	1)Finkelstein reaction
	2) Swartz reaction
	3)Sandmeyers reaction
	4) Gatterman reaction
	5) SN1 reaction
	6) SN2 reaction
	7)Fitting reaction
	8) Wurtz-fitting reaction.
	9) Reimer Tiemann reaction
	10) Kolbes reaction.
	11)Williamson reaction/synthesis.
	12. Rosenmund reduction
	13. Stephen reaction
	14.Etard reaction
	15.Clemmenson readduction
	16.Wolff-Kishner reduction.
	17.Aldol condensation.
	18. Cannizzaro reaction.
	19.Cross aldol condensation.
	20. HVZ reaction
	21. Etard reaction.
	22. Diazotisation
	23.Carbyl amine reaction.
	24.Coupling reaction
	25.Gabriel phthalimide reaction/synthesis.
	26.Hoffmann bromoamide degradation/reaction
	3. Solve NCERT EXAMPLAR MCQ , Asserption Reason problem of chapter solutions and electrochemistry.
	4. Solve previous year questions of solutions and electrochemistry. Link for questions is being provided <a href="https://docs.google.com/document/d/1SsJSmz0v-uKkgPT8DXgAqPb_uix2PVXW/edit?usp=drivesdk&amp;oid=102583597845683451914&amp;rtpof=true&amp;sd=true">https://docs.google.com/document/d/1SsJSmz0v-uKkgPT8DXgAqPb_uix2PVXW/edit?usp=drivesdk&amp;oid=102583597845683451914&amp;rtpof=true&amp;sd=true</a>
	5. Note making of chapter 4 and 5.
	6. Seminar on the topics as discussed in class.
BIOLOGY	1. Write notes of chapter 5,6 and 7 on your fair note book as sent on Google classroom (code – igmpczm). 2. Make a detailed project report on any one of the following topics: A. Sexual reproduction in flowering plants (Roll number 1 and 8)

B. Menstrual cycle and reproductive health in females (Roll number 2 and 7)  
 C. Infertility and Assisted reproductive technologies (Roll number 3 and 6)  
 D. Biotechnology and its advancements (Roll number 4)  
 E. Evolution of DNA as carrier of heredity (Roll number 5)  
 No prints are allowed. Project should contain at least 10 pages. References should be mentioned/tabulated on the last page of the project (bibliography).  
 Page 1 – Introduction  
 Page 2 – Index  
 Page 3 – Acknowledgement  
 Page 4 – 12 – Project body  
 Page 13 – Bibliography  
 Practice all mcqs given in mtg ncert on fingertips from chapter 1 to 4

## CLASS XII COMMERCE

### **ECONOMICS**

S.no.	chapters	question
1	measurements of nation income	85 numericals
2	preparation of project files.	topics assigned in class
3	basic concepts of macro	all definitions.
		difference based questions.

### **HINDI**

- निम्न विषय पर अपने शब्दों में आलेख लिखें  
शिक्षा को मौलिक अधिकार बनाए जाने के परिणाम
- अध्यापक और शिक्षक के बीच गृह कार्य को लेकर पांच-पांच संवाद लिखिए?
- निम्नलिखित विषयों पर दो से तीन सौ शब्दों में लेख लिखिए-  
क. इम्तिहान के दिन ख. प्रदूषण की समस्या
- विभिन्न जनसंचार माध्यमों- प्रिंट, रेडियो, टेलीविजन खूबियों और खामियों को लिखते हुए एक तालिका तैयार करें।
- परियोजना कार्य:  
क. एक दिन के किन्ही तीन समाचार पत्रों को पढ़िए और दिए गए बिंदुओं के संदर्भ में उन का तुलनात्मक अध्ययन कीजिए:  
 1. सूचनाओं का केंद्र / मुख्य आकर्षण  
 2. समाचार का पृष्ठ एवं स्थान  
 3. समाचार की प्रस्तुति  
 4. समाचार की भाषा शैली  
 6. वितान भाग 2 पुस्तक को पढ़े और विषय वस्तु को समझें।  
 7. अभिव्यक्ति एवं माध्यम पुस्तक के प्रश्न उत्तर को लिखें।

### **ACCOUNTANCY**

MCQ Of Admission of partner
Solve Question paper of Monthly test conducted in the Month of April
Prepare a list of doubts topic completed till date

### **BUSINESS STUDIES**

Solve case study questions of the topic Nature and significance of management
Solve Question paper of Monthly test conducted in the Month of April
Solve Question paper of 40 marks provided in class

### **ENGLISH**

prepare project file
write five notices
write 5 letter to editor

write 5 job application

write 5 invitation

Solve cbse questions of all chapter done till date which will be send in group

**IP**

Q1. Give the output:

```
import pandas as pd
s=pd.Series([10,20,30,40,50],index=['a','b','c',0,1])
print(s.iloc[0])
```

Q2. Write a program to print the values of 0,2,4 positions from Series

s[10,20,30,40,50] using .iloc.

Q3. Give the output:

```
import pandas as pd
M=[15,-10,56,39,-90,15]
p=pd.Series(M)
print(p[0])
print(p[[0,3,4]])
```

Q4. (i) Write python code to create the following series

```
101    Harsh
102    Arun
103    Ankur
104    Harpahul
105    Divya
106    Jeet
```

(ii) Show details of 1st 3 employees using head function

(iii) Show details of last 3 employees using tail function

(iv) Show details of 1st 3 employees without using head function

(v) Show details of last 3 employee without using tail function

(vi) Show value of index no 102

(vii) Show 2nd to 4th records

(viii) Show values of index no=101,103,105

(ix) Show details of "Arun"

Q5. Write python code to create the DataFrame emp using dictionary:

```
      Name  Salary
101  Rohan  20000
102   Aman  25000
```

Q6. Predict the output of the given Python code:

```
import pandas as pd
list1=[-10,-20,-30]
ser = pd.Series(list1*2)
print(ser)
```

Q7. Consider the given DataFrame 'Genre':

```
      Type      Code
0    Fiction      F
1  Non Fiction  NF
2    Drama      D
3    Poetry      P
```

Write suitable Python statements for the following:

i. Add a column called Num\_Copies with the following data:

[300,290,450,760].

ii. Add a new genre of type 'Folk Tale' having code as "FT" and 600 number of copies.

iii. Rename the column 'Code' to 'Book\_Code'

Q8. Ekam, a Data Analyst with a multinational brand has designed the DataFrame df that contains the four quarter's sales data of different stores as shown below:

	Store	Qtr1	Qtr2	Qtr3	Qtr4
0	Store1	300	240	450	230
1	Store2	350	340	403	210
2	Store3	250	180	145	160

Answer the following questions:

i. Predict the output of the following python statement:

a. `print(df.size)`

b. `print(df[1:3])`

ii. Delete the last row from the DataFrame.

iii. Write Python statement to add a new column Total\_Sales which is the addition of all the 4 quarter sales