English

Q1.   Explore these new words, write their meanings and frame sentences of your own.
1.Self- Isolation   2.Social distancing   3. Infodemic   4.WFH
5. PPE   6. Epidemic   7. Pandemic   8. Self- quarantined
9. Community Spread 10. Patient Zero

Q2.   Write a Diary Entry in not more than 80-100 words describing how you spent your Lockdown period.

Q3.   Write a book review of your favourite book using the format given below.

Book Report Fun! Name _____ Date _____
Title: _____
Author: _____

Setting:
_____
_____
_____
_____

Problem/Conflict:
_____
_____
_____
_____

Main Characters:
_____
_____
_____
_____

Main Events:
_____
_____

Conclusion:
_____
_____
_____

Is this a good book? Why?
_____
_____
_____

Hindi

प्र.1   निम्नलिखित शब्दों से वाक्य बनाइए –
1. अटूट   2. बुद्धिमान   3. मार्मिक   4. अभिमान   5. निष्कपट   6. अवगुण
7. प्रार्थना   8. चेतना   .9. स्मरण   10. परिणाम

प्र.2   आपके द्वारा पढ़ी गई पुस्तक की समीक्षा (बुक रिव्यू) अपने शब्दों में लिखिए । (शब्द सीमा 100 शब्द)

Mathematics

Activity 1
Collect data of the height of your 6 friends including you in meters. Write the above data in ascending and descending order.
Also represent the above information in the form of a bar graph.

Activity 2
Measure the time spent by you in completing the holiday homework of the following subjects.
1. English

2. Hindi
3. Maths
4. Science
5.Sst
Write the time consumed in each subject with respect to a day in fractional form.

Science
Chemistry
State whether the following statements are true or false.
1.   Wool is obtained from the fleece of sheep or yak.
2.   Hair trap a very small amount of air.
3.   The coarse beard hair of wool yielding animals provide fibres for making wool.
4.   Fleece of sheep is the only source of wool.
5.   Hair of sheep is the only source of wool.
6.   Shearing does not hurt the sheep.
7.   Sericulture is the rearing of silkworms.
8.   Pupa is the first stage in the life cycle of silk moth.
9.   Caterpillars feed on the rotten mulberry leaves to grow.
10.   Larvae hatches from egg at a very low temperature.
11.   Wool is a plant fibre.
12.   Silk is an animal fibre.

Match the items given in column A with those given in column B.

Column A	Column B
Sericulture	Protein
Shearing	Ladakh
Yak	Hair
Silk Fibre	Sheep
Scouring	Silk Worms

Fill in the blanks.
1.   Wool and silk are obtained from _____.
2.   Wool yielding animals have thick coat of hair to keep the body _____.
3.   The _____ hair of sheep provide the fibres for making wool.
4.   _____ wool is commonly available in the market.
5.   The under fur of Kashmiri goats is used to weave _____.
6.   Tassar silk and moonga silk are obtained from cocoons spun by _____ types of moth.
7.   A _____ silk moth lays hundreds of eggs at a time.
8.   Larvae hatched from the eggs of silk moth are called _____ or _____.
9.   The _____ fibres are made into wool for sweaters and the _____ fibres are woven into wool cloth.
10.   Natural colour of the fleece of sheep and goat is _____ and _____.
11.   The uppermost layer of skin is _____.
12.   In winter , sheep are fed _____, _____ and _____ .

Match the items given in column A with those given in column B.

Column A	Column B
Sheep	Mulberry leaves
Silk moth	Cocoon
Kashmiri Goat	Occupational hazard
Anthrax	Wool
Reeling	Pashmina Shawls

Biology

Q1. Draw a well-labelled and neat diagram of the following:-

     A. Structure of human tongue

     B. Structure of villi (small intestine)

     C. Drawa well labelled diagram of human digestive system.

**Q2.** Draw a Graphic Organiser (GO) to show the steps of holozoic nutrition.

An experiment was set up as shown in the figure given below. The twig in the diagram was intact on the plant and it was left as such in sunlight for a few hours.

Potassium hydroxide
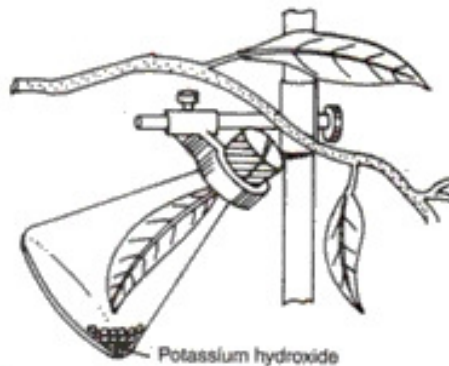
(i) What is the aim of the above experiment?

(ii) Why was potassium hydroxide placed inside the conical flask?

(iii) What test would you perform on the leaf inside the flask?

(iv) What is the expected result of the above test?

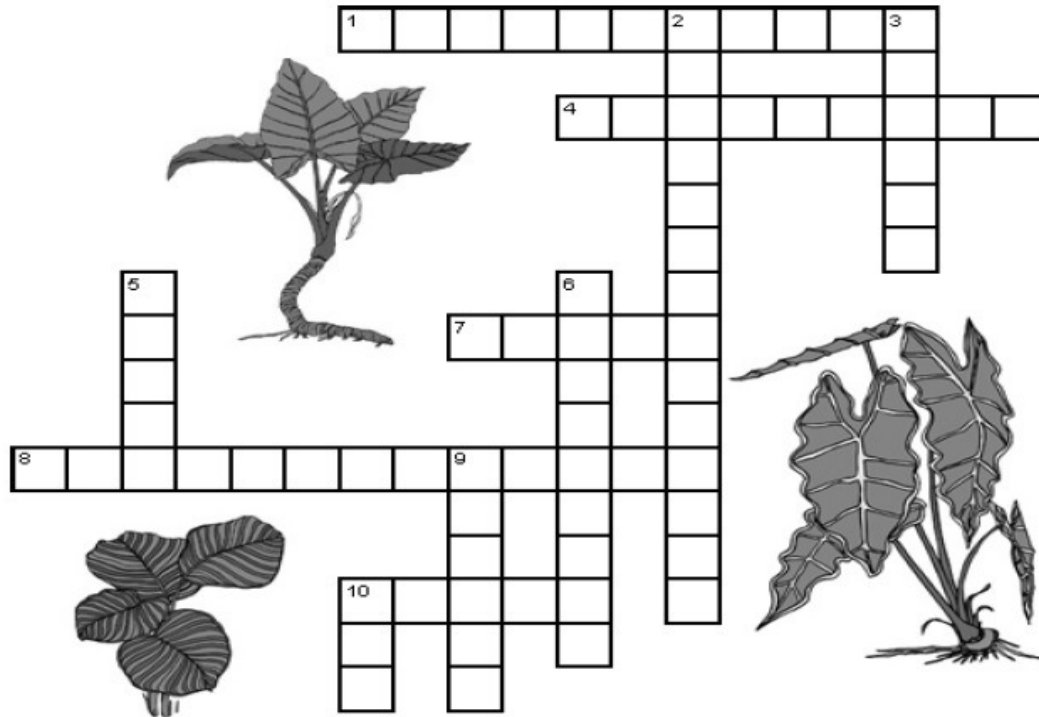(v) Is it necessary to similarly test on outer leaf also? Give a reason.

Q3.

LABEL THE DIAGRAM
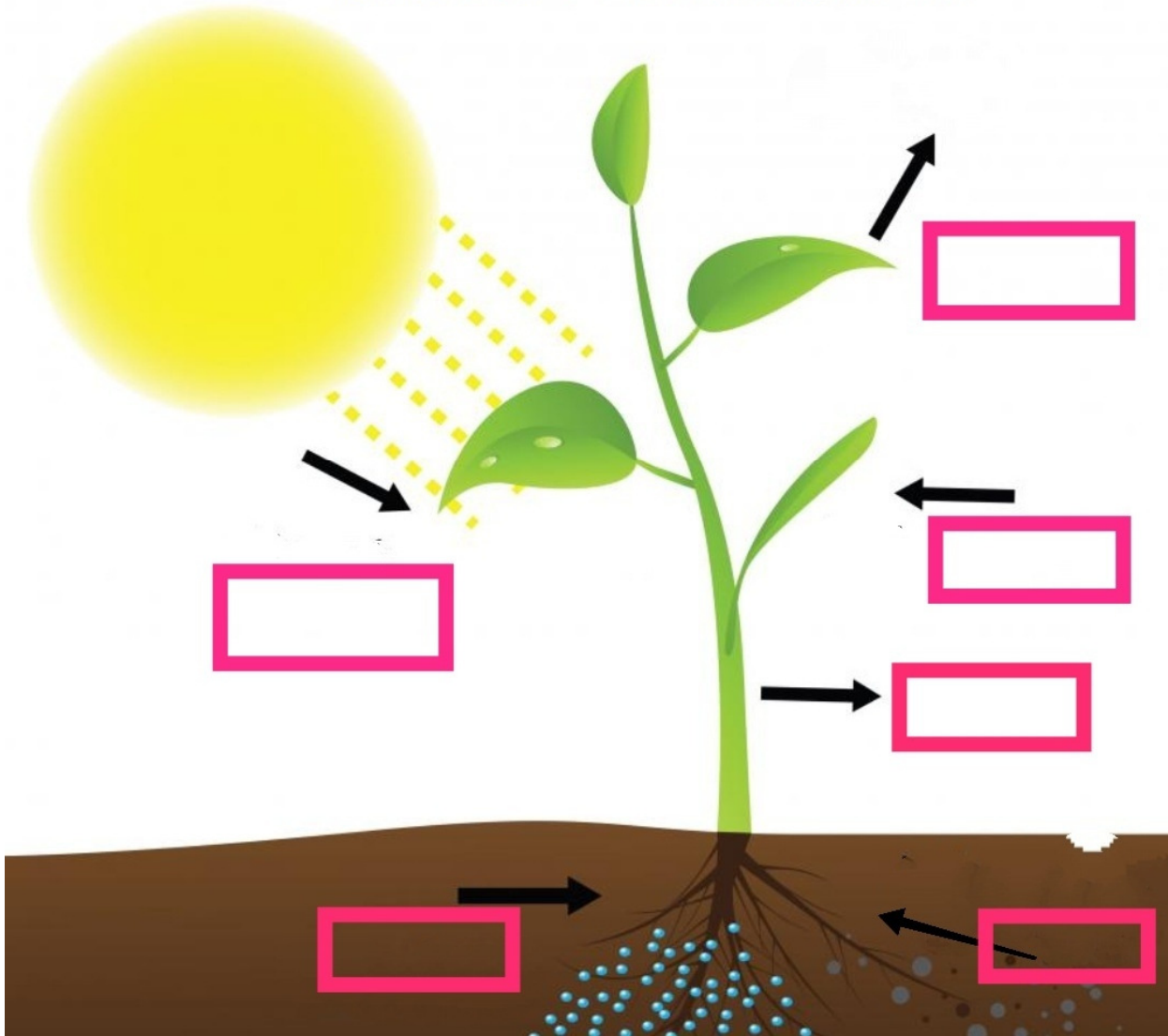
Q4.

Photosynthesis – Crossword puzzle

Across

1 A plant pigment that absorbs sunlight. (11)

4 The links between the energy that carnivores get from eating to the energy captured by photosynthesis. (4,5)

7 Chlorophyll absorbs every color of sunlight except this. (5)

8 A compound needed for photosynthesis. (6,7)

10 The product of photosynthesis. (5)

Down

2 The process by which plants and some bacteria use the energy from sunlight to produce sugar. (14)

3 Part of the plant where photosynthesis generally occurs. (6)

5 A compound needed for photosynthesis. (5)

6 An animal that eats plants. (9)

9 A by-product of photosynthesis. (6)

10 Number of molecules of oxygen produced along with one molecule of sugar. (3)

Physics

1 **Fill in the blanks:**
   a. The S.I unit of speed is _____
   b. The resting position of a bob of pendulum is called _____position.
   c. Speed of a motor vehicle is measured by an instrument called_____
   d. Time taken by a pendulum to complete one oscillation is called_____
   e. An instrument showing the time by the shadow of a pointer cast by the sun on to a graduated plate is called_____

2 **Solves the word problems –**
   i. Convert 54 km/hr. into m/s
   ii. Calculate Time-period of a simple pendulum if it takes 72 seconds to complete 24 oscillations.
   iii. A train is travelling at a speed of 100 km/hr. How long will it take to complete a journey of 500 km without stopping in between.

Q5.
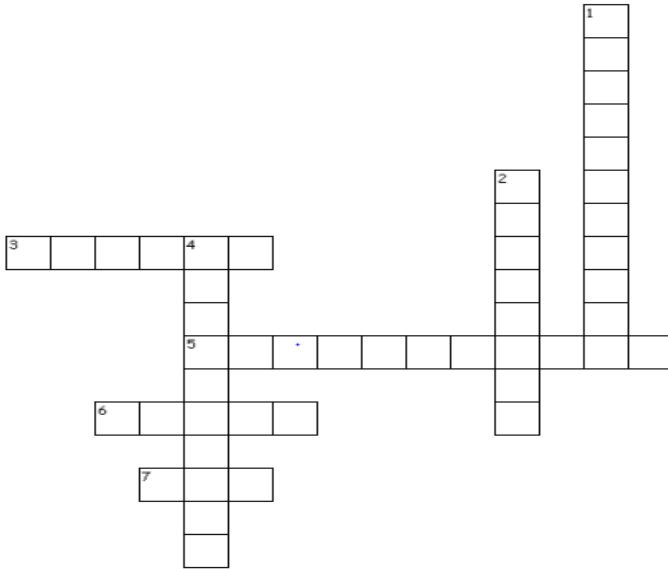
Across
3. Basic unit of time
5. The to and fro motion of a simple pendulum is called _____ motion
6. the distance per unit time
7. the metallic ball in the simple pendulum
Down
1. the instrument used in vehicles for measuring the speed
2. the instrument used in vehicles for measuring the distance
4. One billionth of a second

S.St.

Instructions:
1. The holiday homework should be done in a very neat and presentable manner.
2. Questions must be done in the given sequence.
3. The Child will be assessed for neatness, presentation, completion of all the given questions and timely submission.
4. For the project, posters, collage etc use a A4 sheet, drawing sheet or interleaf pages as per your convenience.
5. Last but not the least revise all the chapters done as it will help you in future assessments.

1. Answer the following questions in brief.
    a.   Define Democracy.
    b.   Mention any two key features of democracy.
    c.   What do you understand by Universal Adult Franchise?
    d.   What are the three organs of the government?
    e.   Write down the name of any four democratic countries of the world.

2. Give the names of some people who may have suffered due to too much media attention. Do you think it is right for media persons to intrude into people's lives? Express your views in a short paragraph giving examples.
3. Design a Social Advertisement to promote social awareness among the people on COVID 19.

G.K.

1. Listen to at least one English news bulletin daily
2. Write an article on Topic
   My experience during Lockdown in GK copy
   (Article can be pictorial also)

Computer

Q.1 Using Mixed Cell Referencing, generate the following table of Multiplication as per shown formatting.

Multiplication					
Rows &Columns	10	20	30	40	50
10	100	200	300	400	500
20	200	400	600	800	1000
30	300	600	900	1200	1500
40	400	800	1200	1600	2000
50	500	1000	1500	2000	2500

Q.2 Write any five advantages and disadvantages of Internet.

Sanskrit

1. एतत् शब्द रूप याद कीजिए तथा अपनी उत्तर पुस्तिका में भी लिखिए।
2. अपनी पाठ्य पुस्तक के कोई भी दो श्लोक कंठस्थ करके अर्थ सहित उत्तर पुस्तिका में लिखिए।

Art & Craft

* Name Decoration (with Calligraphy)
* Landscape (with poster colour)
* Pop up art on news paper
* Portrait Painting (Draw & Colour)