

**St. Mary's School, Dwarka**  
**Class VIII**  
**Holiday Homework**

**Subject - English**

**Worksheet 1**

**Q1. The following passage has not been edited. There is one error in each line against which there is a blank. Write the incorrect word and the correction in the given space:** **( $\frac{1}{2} \times 8 = 4$ )**

	<b>Incorrect</b>	<b>Correct</b>
When I return home from school, I found that	a) _____	_____
my mother were in kitchen and my younger	b) _____	_____
sister was playing with her friends on the veranda.	c) _____	_____
In my room, all the book were lying scattered	d) _____	_____
on the floor. I am definitely very annoyed.	e) _____	_____
I asked my sister if she had enter my room.	f) _____	_____
She answered that she was looking for some		
colourful pictures for her scrap file. She search	g) _____	_____
through the books and they fall down one by one.	h) _____	_____

**Q2. Rearrange the following words and phrases to form meaningful sentences.** **(1x 5 = 5)**

a. undoubtedly/ colourful birds/ parrots are/ the most/ earth / found / on

\_\_\_\_\_

b. more than/ found/ have been/ 350 types of parrots/ till now

\_\_\_\_\_

c. smart / also / stunning/ are / for being/ not only/ but / they / famous / are

\_\_\_\_\_

d. best pets / because / the only animal species / they are / that can talk / make the/ they

\_\_\_\_\_

e. birds have /these fascinating / to humans / their emotions / in expressing / no qualms

\_\_\_\_\_

**Q3. Read the following situation and frame appropriate questions:**

**(1 x 5 = 5)**

Your friend has recently taken admission at a residential school in Shimla. Prepare a set of five questions asking him / her about the school using the following hints.

a) name of the school

---

b) location of the school

---

c) distance from Delhi

---

d) school strength

---

e) whether most of the students are from the neighbouring states

---

**Q4. Fill in the blanks with the correct form of the words given in the brackets:**

**( $\frac{1}{2}$  x 6 = 3)**

I (a) \_\_\_\_\_ (feel) very sorry to see the pathetic condition of the slums. Children (b) \_\_\_\_\_ (be) shabbily dressed and were running all over the place. A small girl (c) \_\_\_\_\_ (eat) a banana. She (d) \_\_\_\_\_ (get) it from her father. Her father (e) \_\_\_\_\_ (be) a poor labourer and the mother always (f) \_\_\_\_\_ (remain) sick.

**Q5. Fill in the blanks with suitable words:**

**( $\frac{1}{2}$  x 6 = 3)**

I'm hungry (a) \_\_\_\_\_ there isn't any food in the kitchen. I want milk, cereals (b) \_\_\_\_\_ orange juice. I went to the shop (c) \_\_\_\_\_ it was close. I came home. There was some grapefruit juice (d) \_\_\_\_\_ brown bread. I don't like (e) \_\_\_\_\_ grapefruit juice (f) \_\_\_\_\_ brown bread. So, I went to sleep till the shop opened.

## Worksheet 2

**Q1. The following passage has not been edited. There is one error in each line. Write the incorrect word and the correction in the given space:** (½ x 8 = 4)

	Incorrect	Correct
In some parts of India, there is places	a) _____	_____
where no one killed a wild	b) _____	_____
animal. Such places are call reserve forests.	c) _____	_____
People can goes there to see the animals.	d) _____	_____
There is one such place at Assam. The	e) _____	_____
jungle in such places is vary thick. The	f) _____	_____
tourists has to ride on elephants to spot the animals.	g) _____	_____
Riding on an elephant is like been on a ship	h) _____	_____

**Q2. Rearrange the following words and phrases to form meaningful sentences.** (1x 5 = 5)

a. watermelon / thirst quenchers / in summers / is / one of the best.

\_\_\_\_\_

b. around / it is / 96 countries / cultivated in / the world.

\_\_\_\_\_

c. in Africa / about 5000 years /grown /ago / it was / first.

\_\_\_\_\_

d. say that /at the / it was grown / some researchers / same time / in India.

\_\_\_\_\_

e. travellers / eaten by / it was / when they / across a desert / travelled

\_\_\_\_\_

**Q3. Read the following situation and frame appropriate questions:** (1 x 5 =5)

You are Mahesh/Mahita. You get an opportunity to meet an internationally famous chef at a food festival you recently attended. Prepare a set of five questions that you will ask him/her based on the hints given below:-

a. age/started

\_\_\_\_\_

b. best dish ever cooked

\_\_\_\_\_

c. countries travelled

\_\_\_\_\_

d. specializes in

\_\_\_\_\_

e. inspiration

\_\_\_\_\_

**Q4. Fill in the blanks with suitable words :**

**( $\frac{1}{2} \times 6 = 3$ )**

Jim was walking (a) \_\_\_\_\_ the campus (b) \_\_\_\_ noon, when he met a friend whom he had not seen (c) \_\_\_\_\_ summer. They stopped (d) \_\_\_\_\_ of the gymnasium. After they had talked (e) \_\_\_\_\_ about ten minutes, Jim said, "I must go (f) \_\_\_\_ Jefferson Hall this semester. Why don't you drop by some afternoon after the classes?"

**Q5. Fill in the blanks with the correct form of the words given in the brackets:**

**( $\frac{1}{2} \times 6 = 3$ )**

A tornado is caused when a "front" (a) \_\_\_\_\_ (form) between a cold air and warm air mass. Sometimes a cold air mass (b) \_\_\_\_\_ (move) in above the warm air. The hot air rises. It spins. Then it (c) \_\_\_\_\_ (form) a funnel-shaped cloud – a tornado. Weather experts (d) \_\_\_\_\_ (look) for these conditions. The winds inside a tornado may reach five hundred miles per hour. Sometimes a tornado (e) \_\_\_\_\_ ( touch) the ground and (f) \_\_\_\_\_ ( destroy) everything in its way.

### Worksheet 3

**Q1. The following passage has not been edited. There is one error in each line against which there is a blank. Write the incorrect word and the correction in the given space:** **( $\frac{1}{2} \times 8 = 4$ )**

	<b>Incorrect</b>	<b>Correct</b>
Bangladesh has introduced a policy	a) _____	_____
to protect it's capital city Dhaka from	b) _____	_____
recurring floods and high tides.		
The policy had bans construction work	c) _____	_____
in the low-lying farmland adjacent for rivers	d) _____	_____
what absorbs extra water during floods	e) _____	_____
and high tides. The policy received flak at	f) _____	_____
the real estate firms which have invested	g) _____	_____
millions of dollars in these areas.	h) _____	_____

**Q2. Rearrange the following words and phrases to form meaningful sentences.** **(1 x 5 = 5)**

a. Eastern Australia / in the/ of /are found / koalas / eucalyptus forests

\_\_\_\_\_

b. water supply / they get / they eat / from / all their / the leaves

\_\_\_\_\_

c. koalas / trees / are in / in / inhabited by / places /of these / leaves / high demand

\_\_\_\_\_

d. one group / it takes / to support / several acres / of koalas / of trees

\_\_\_\_\_

e. can eat / every day / each / one and a half kilograms / adult Koala / up to / of leaves

\_\_\_\_\_

**Q3. Read the following situation and frame appropriate questions:** **(1 x 5 =5)**

You are Arvind /Amita, a journalist working for 'The Times of India.' A few hours ago many people were killed and several were critically injured in a massive accident. You get an opportunity to talk to one of the survivors. Prepare a set of five questions that you will ask the person using the hints given below:-

a. time of the accident

\_\_\_\_\_

b. place of the accident

\_\_\_\_\_

c. cause of the accident

\_\_\_\_\_

d. casualties

\_\_\_\_\_

e. rescue operations

\_\_\_\_\_

**Q4. Fill in the blanks with the most appropriate words:**

**( $\frac{1}{2} \times 6 = 3$ )**

Many folk dances are performed (a) \_\_\_\_\_ ordinary people rather (b) \_\_\_\_\_ by professional dancers. It is (c) \_\_\_\_\_ common to see that on special occasions (d) \_\_\_\_\_ villagers gather to sing and dance. Sometimes folk dances (e) \_\_\_\_\_ performed by the professionals. Professional musicians, actors and dancers travel (f) \_\_\_\_\_ village to village (g) \_\_\_\_\_ this purpose.

**Q5. Fill in the blanks with suitable words:**

**( $\frac{1}{2} \times 6 = 3$ )**

The Electricity Board office has warned that they (a) \_\_\_\_\_ cut the electricity connection if I don't pay the bill by today. So I (b) \_\_\_\_\_ go to the Electricity Board office to pay the bill. I (c) \_\_\_\_\_ have paid the amount yesterday but the office was closed. I (d) \_\_\_\_\_ finish my work immediately and rush to the office so that I (e) \_\_\_\_\_ pay the bill before 2 p.m. I (f) \_\_\_\_\_ be late, so I must leave immediately.

### Worksheet 4

**Q1. The following passage has not been edited. There is one error in each line. Write the incorrect word and the correction in the given space:** (½ x 8 = 4)

	Incorrect	Correct
One day, my six year-older sister	a) _____	_____
asked us which career she should opt for. Mine	b) _____	_____
father suggest that she should become a doctor	c) _____	_____
while my mother feels she could be a	d) _____	_____
reporter. I felt she make a finer	e) _____	_____
teacher. From a moment of silence, my sister	f) _____	_____
declare, "I should become an actress.	g) _____	_____
I can then play each of this roles."	h) _____	_____

**Q2. Rearrange the following words and phrases to form meaningful sentences.** (1x 5 = 5)

- a. broken / must / a promise /be / never  
\_\_\_\_\_
- b. disappointment / to / lead / broken / and / sorrow / promises  
\_\_\_\_\_
- c. and / his / word /thoughtful / keeps / is/ always/ gentleman / a true  
\_\_\_\_\_
- d. make a /to keep / and hasten / promise / it / will be /he / slow to  
\_\_\_\_\_
- e. friendship / a/ you/ broken/ cost/ promise/ your/ can  
\_\_\_\_\_

**Q3. Read the following situation and frame appropriate questions:** (1 x 5 =5)

You are Mahesh/Mahita. You were given the task of interviewing the student of your school who had won a gold medal in English Olympiad organized by the SOF. Prepare a set of five questions you would like to ask him/her based on the hints given below.

- a. feeling after winning  
\_\_\_\_\_

b. preparation \_\_\_\_\_

c. tips that you would like to give others \_\_\_\_\_

d prize money \_\_\_\_\_

e. celebration with the family \_\_\_\_\_

**Q4. Write a synonym for each of the listed words and use them in sentences of your own: ( $\frac{1}{2} \times 6 = 3$ )**

a. harmony \_\_\_\_\_

b. haughty \_\_\_\_\_

c. advice \_\_\_\_\_

d. dismal \_\_\_\_\_

e. talent \_\_\_\_\_

f. eager \_\_\_\_\_

**Q5. Fill in the blanks with the correct form of the words given in the bracket: ( $\frac{1}{2} \times 6 = 3$ )**

A book is a person's (a) \_\_\_\_\_ (good) friend. I am reading a book that is very (b) \_\_\_\_\_ (interesting) but the book that I read last week was (c) \_\_\_\_\_ (good). It contained (d) \_\_\_\_\_ ( beautiful) pictures than the other books I have read. It even had an (e) \_\_\_\_\_ (attractive) cover. Surprisingly it was (f) \_\_\_\_\_ (cheap) than I thought it would be.



## **Experiential Activities**

- 1. ‘To travel is to live. Travelling makes you modest, you see what a small part of the world you occupy. We all hope to travel again and explore the world.’**

You have recently read the poem ‘Goody for Our Side and Your Side Too.’ Based on the poem, find out the dream destination of your family members. Make a presentation to take them for virtual tour of the place they want to visit.(approximately 10 -12 slides) Make your presentation interesting by using attractive pictures, videos and music.

- 2. ‘It was great that they felt they were doing something to help. But sometimes they were too keen and too clumsy.’**

You have read that Home Guard soldiers were too keen and clumsy. Based on the lesson ‘Dad’s Barmy Army’ by Terry Deary, find Home Guard facts online and write any five that you like the best in your English notebook.

- 3. Read any one of the adventures from your Supplementary Reader ‘The Last Bow’ by Arthur Canon Doyle and write a review. Use the following guidelines while writing your review in your notebook.**

**a) Title**

**b) Author**

**c) Synopsis**

**d) Interesting points about the plot- ( You may use the following hints)**

- What was the story about?
- Who were the main characters?
- What did the main characters do in the story?
- What kind of challenges did the main characters run into?
- Did the main characters have any adventures?
- Who was your favourite character? Why?

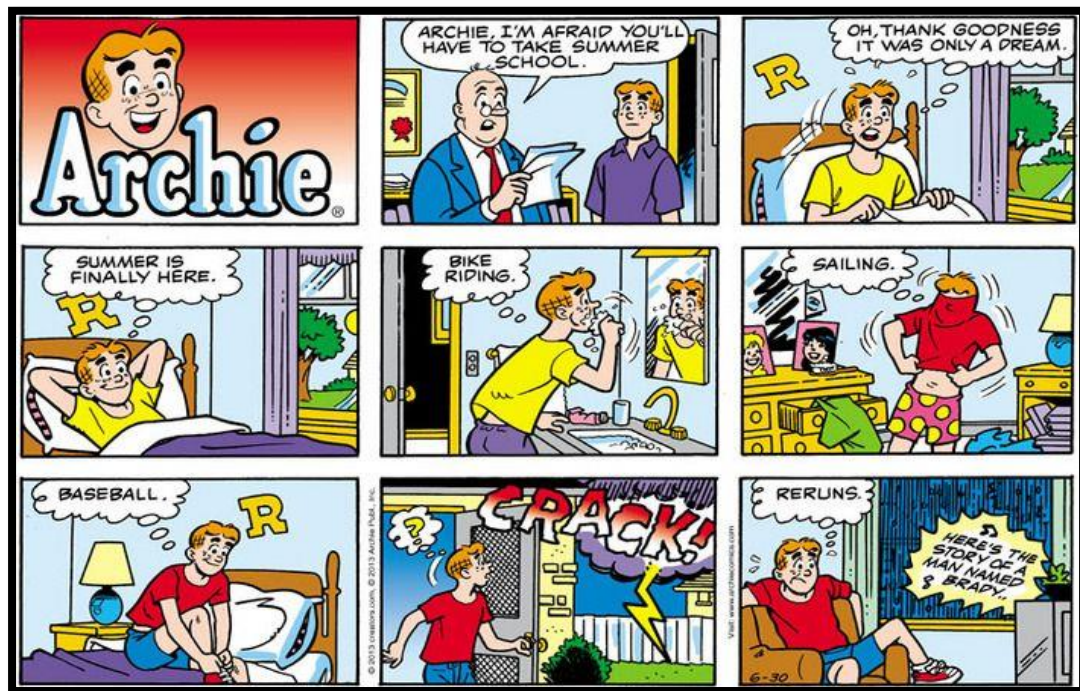
**e) Your opinion**

- Did you like the story?
- What was your favorite part of the story?
- If you could change something in the story, what would it be?

**f) Your recommendation**

- Would you recommend this book to another person? Why?

4. You enjoyed reading the play 'Rappaccini's Daughter' by Nathaniel Hawthorne. Pick any scene of your choice and make a cartoon strip. You may refer to the cartoon strip given below.



## Subject-Hindi

- 1 सभी प्रश्नों के उत्तर अपनी उत्तर-पुस्तिका में लिखिए।
- 2 कार्य स्वच्छ , शुद्ध एवं स्पष्ट लेख में कीजिए ।
- 3 गतिविधियों के रूप में दिए परियोजना कार्य के अंतर्गत ऑडियो या वीडियो स्पष्ट होना चाहिए। इस कार्य के दौरान सामाजिक दूरस्थता एवं स्वच्छता का विशेष ध्यान रखें।

### Worksheet – 1

गतिविधि — ‘मैं और मेरा परिवार’ विषय पर स्वरचित कविता सुनाते हुए ऑडियो बनाइए।

प्रश्न 1 अपठित गद्यांश को पढ़कर निम्न प्रश्नों के उत्तर दीजिए— (2×5= 10)

प्राचीन युग की बात है। एक प्रसिद्ध गुरुकुल था। उसके आचार्य बहुत विद्वान थे। एक बार उन्होंने अपने शिष्यों की परीक्षा लेनी चाही। उन्होंने सभी शिष्यों को गुरुकुल के प्रांगण में एकत्रित किया और उनसे कहा, “हे प्रिय छात्रों! मैंने तुम्हें यहाँ एक विशेष प्रयोजन से बुलाया है। मेरे सामने एक समस्या आ गई है। मेरी कन्या विवाह योग्य हो गई है और विवाह करने के लिए मेरे पास पर्याप्त धन नहीं है। मेरी समझ में नहीं आ रहा है कि मैं क्या करूँ।” कुछ विद्यार्थी आगे बढ़कर बोले, “हम अपने माता-पिता से धन माँग लाएँगे। आप उसे गुरु दक्षिणा के रूप में स्वीकार कर लीजिएगा।” आचार्य बोले, “नहीं, मैं चाहता हूँ कि तुम धन तो ले आओ, पर माँगकर नहीं। तुम इस प्रकार लाओ कि किसी को पता भी न चले और काम भी हो जाए। इससे मेरा काम भी हो जाएगा और लाज भी रह जाएगी।

- 1 गुरुकुल किसे कहते हैं ? गुरुकुल के आचार्य कैसे थे ?
- 2 आचार्य की क्या समस्या थी?
- 3 छात्रों ने आचार्य के समस्या का हल किस प्रकार प्रकाश किया?
- 4 आचार्य ने धन लाने के लिए क्या उपाय बताया?
- 5 समस्या और शिष्य शब्दों के वर्ण विच्छेद कीजिए।

प्रश्न 2 अपठित काव्यांश को पढ़कर निम्न प्रश्नों के उत्तर दीजिए— (2×5= 10)

पूरब से पश्चिम तक फैली,  
जिसकी पर्वत-माला है।  
यही हिमालय अपनी उत्तर,  
सीमा का रखवाला है।  
हिम का मुकुट शीश पर धरता,  
आसमान से बातें करता।  
सूरज की स्वर्णिम किरणों में,

इसका जगमग रूप निखरता ।।

कल-कल बहते निर्झर जल में

इसमें अमृत डाला है।

- 1 हिमालय का स्वरूप कैसा है और क्यों?
- 2 हिमालय ने अपने सिर पर क्या पहन रखा है?
- 3 पूरब से पश्चिम तक क्या फैली है?
- 4 'हिमालय'शब्द के दो पर्यायवाची लिखिए।
- 5 स्वर्णिम व अमृत शब्दों के वर्ण विच्छेद कीजिए।

### Worksheet – 2

गतिविधि— 'लाख की चूड़ियाँ' किन-किन राज्यों में मिलती हैं? उन राज्यों के नाम मानचित्र/नक्शे में अंकित कीजिए।

प्रश्न 1 उचित शब्दों द्वारा रिक्त स्थानों की पूर्ति कीजिए — (1×4=4)

- 1 हिंदी दिवस प्रतिवर्ष.....को मनाया जाता है।
- 2 भाषा के दो रूप हैं.....और.....।
- 3 भाषा का उद्देश्य विचारों का ..... करना है।
- 4 शब्दों के व्यवस्थित क्रम से ..... बनते हैं।

प्रश्न 2 निम्नलिखित शब्दों का शब्द-संयोजन कीजिए — (1×3=3)

- 1 आ श् ई र् व आ द् अ
- 2 अ न् उ भ् अ व् अ
- 3 प् उ स् त् अ क् आ ल् अ य् अ

प्रश्न 3 निम्नलिखित वाक्यों में से सजा शब्द छाँटिए — (1×3=3)

- 1 राम दयालु राजा थे।
- 2 वर्षा ऋतु में मौसम सुहाना हो जाता है।
- 3 सेना युद्ध के लिए तैयार है।

प्रश्न 4 निम्नलिखित शब्दों को स्त्रीलिंग में बदलिए — (1×2=2)

नर , वीर , भाई , रूपवान

प्रश्न 5 निम्नलिखित शब्दों को पुल्लिंग में बदलिए — (1×2=2)

शेरनी , विदुषी , आयुष्मती , कवयित्री

प्रश्न 6 निम्नलिखित संख्याओं को शब्दों में लिखिए — (1/2×4=2)

16, 27, 19, 28

प्रश्न 7 निम्नलिखित मुहावरों के अर्थ लिखकर वाक्यों में प्रयोग कीजिए— (1×2=2)

- 1 अवल चरने जाना।
- 2 आँखों में धूल झोंकना।

**प्रश्न 8 निम्नलिखित लोकोक्तियों के अर्थ लिखकर वाक्यों में प्रयोग कीजिए—**

**(1×2=2)**

- 1 इस हाथ दे उस हाथ ले।
- 2 आ बैल मुझे मार।

**Worksheet – 3**

**गतिविधि —** अपने संबंधियों से न मिलने पर विवशता प्रकट करते हुए अपनी माताजी /पिताजी से हुई बातचीत को संवाद के रूप में लिखिए।

**प्रश्नों के उत्तर दीजिए —**

**(2×8=16)**

- 1 'बस की यात्रा' पाठ में लेखक को किन-किन परेशानियों का सामना करना पड़ा? अपने परिवार के साथ की गई किसी बस यात्रा का वर्णन कीजिए।
- 2 'दीवानों की हस्ती' कविता में जीवन में मस्ती के साथ रहने की बात की गई है। अपने परिवार के साथ बिताई गई किसी रोचक घटना का वर्णन कीजिए।
- 3 एक पोस्टकार्ड बनाइए और अपने पिताजी/माताजी को उनके जन्मदिन की बधाई देते हुए पत्र लिखिए।
- 4 आप अपने विद्यालय क्षेत्र का, निवास स्थान क्षेत्र का, दादा दादी के शहर या गाँव का पिन कोड न. लिखिए और हर क्षेत्र का कोड अलग क्यों होता है। बताइए।
- 5 ग्रीष्मावकाश के दौरान प्रातःकाल जल्दी उठकर चिड़ियों की चहचहाहट को सुनकर और आसपास के सुन्दर वातावरण को देखकर आप कैसा महसूस करते हैं लिखिए।
- 6 वस्तु विनिमय क्या है? लाकडाउन के दौरान हम विनिमय के किन् किन साधनों का प्रयोग कर रहे हैं। उन साधनों के नाम बताइए।
- 7 आधुनिक युग में अनेक परिवर्तन आए दिन होते रहते हैं। दैनिक उपयोग में आने वाले उपकरणों के नाम व उनके उपयोग बताइए।
- 8 जीवन में कठिनाइयाँ आने पर भी हम अपने व्यवहार को संतुलित कैसे रख सकते हैं? उदास हो जाने पर आप स्वयं को कैसे प्रसन्न करते हैं?
- 9 महात्मा बुद्ध के जीवन से संबंधित जातक कथाएँ पढ़िए। उनमें जो कहानी आपको पसंद आई हो उसका सारांश लिखिए।
- 10 महात्मा बुद्ध के जीवन से संबंधित दृष्टचित्र (Documentary film) देखिए तथा उसमें प्राप्त जानकारी को 8 से 10 पंक्तियों में लिखिए।

## Worksheet – 4

गतिविधि – घर में रहते हुए आपने अपनी किस रूचि को विकसित किया उसका अभ्यास करते हुए एक वीडियो बनाइए।

प्रश्न 1 संकेत बिंदुओं के आधार पर 70 से 80 शब्दों में अनुच्छेद लिखिए — (4×1=4)

लॉकडाउन का पहला दिन —1 अर्थ 2 अनुभव 3 कारण 4 हानि व लाभ

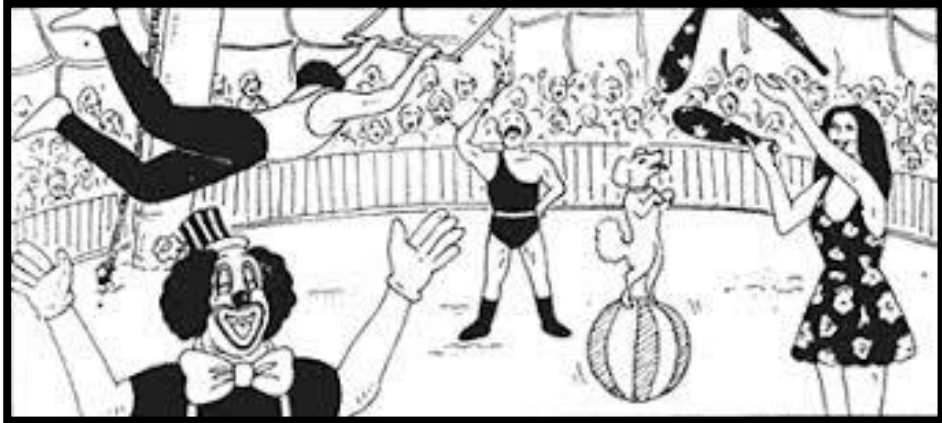
प्रश्न 2 कविता वाचन प्रतियोगिता में प्रथम आने पर मित्र को बधाई पत्र लिखिए। (3×1=3)

प्रश्न 3 आपके शहर में चिकित्सालय खुला है। इसके प्रचार प्रसार हेतु विज्ञापन तैयार कीजिए। (3×1=3)

प्रश्न 4 'दूरस्थ शिक्षा' (Distance Learning) के विषय में दो मित्रों के बीच हुई

बातचीत को 80 से 100 शब्दों में संवाद के रूप में लिखिए। (4×1=4)

प्रश्न 5 दिए गए चित्र का 80 से 100 शब्दों में वर्णन कीजिए— (3×1=3)



प्रश्न 6 दिए गए संकेतों के आधार पर 80 से 100 शब्दों में एक कहानी लिखिए। (3×1=3)

किसी तालाब में एक कछुआ.....वही साथ में दो हंसों का रहना.....तीनों के बीच मित्रता का होना.....अचानक एक दिन वहाँ एक मछुआरे का आना .....मछुआरे के जाल से..... कछुए को हंसों की सांत्वना..... हंसों से कछुए का आग्रह ..... आग्रह पूरी करने की शर्त..... कछुए को उड़ता देख गाँववालों का शोर..... कछुए का उत्साहित होना..... शर्त का टूटना..... । शिक्षा...

## **Subject: Mathematics**

**Instructions – Do all the worksheets in Math notebook**

### **Worksheet-1**

**I Choose the correct option:**

**(1x5=5)**

Q1. Which of the following is the reciprocal of the reciprocal of a rational number?

- a) -1                      b) 1                      c) 0                      d) The number itself

Q2. Which of the following is the product of  $(-7/8)$  and  $4/21$ ?

- a)  $-1/6$                       b) 12                      c)  $-63/16$                       d)  $-16/147$

Q3. What should be subtracted from  $-5/4$  to get -1?

- a)  $-1/4$                       b)  $1/4$                       c) 1                      d)  $-3/4$

Q4. Write down the rational number whose numerator is  $(-3) \times 4$ , and whose denominator is  $(34 - 23) \times (7 - 4)$

- a)  $-7/34$                       b)  $-7/33$                       c)  $-12/33$                       d)  $12/33$

Q5. Which of the following does not lie between 0 and -1?

- a)  $-1/2$                       b)  $-1/4$                       c)  $-2/3$                       d)  $-4/3$

Q6. Simplify the following:

**(3)**

- (i)  $5/7 \times (-3/4)$                       (ii)  $(-1/10) \div (-8/5)$                       iii)  $(-8/19) + (-4/57)$

Q7. Arrange the following rational numbers in ascending order and find the difference between the least and the greatest rational number :

**(2)**

$-19/40$  ,  $14/8$  ,  $-17/10$  ,  $34/16$  ,  $18/40$  ,  $-11/80$

Q8. A cake is cut into an equal number of pieces. Alam, Binny, Chirag and Debu take pieces of the cake. Alam has  $\frac{1}{3}$  of the cake. Binny has  $\frac{1}{4}$  of the cake. Chirag has  $\frac{1}{6}$  of the cake. Debu now takes one third of the remainder. This leaves two pieces. How many pieces was the cake cut into? **(3)**

Q9. Maintain the record of at least two books which you read during summer vacations as follows:  
**(3x2=6)**

Name of the book-

Total no. of pages in the book –

(for example if no. of pages are 100 , we will maintain record as shown below)

Date	No. of pages read	Fraction of the book read	Simplest form of fraction	Fraction of the book left to read
01.06.20	15	15/100	3/20	17/20
03.06.20	10	10/100	1/10	17/20 - 1/10 =15/20 = $\frac{3}{4}$

Q10. Eighteen rational numbers are multiplied. What will be the sign of the

Product? Explain with an example and write your observation. (3)

- i) 15 of them are negative and 3 are positive.
- ii) 9 of them are positive and the remaining are negative.
- iii) All are negative.

Q11. Plant a stick in a pot and measure the length of its shadow every three hours (8 PM ,11PM and 2 PM) for three days. Find the ratio of the height of the stick to its shadow. Write down your observations in a tabular form as follows: (5)

Original height of the stick -

Day	8PM	Ratio of height of the stick to its shadow	11PM	Ratio of height of the stick to its shadow	2PM	Ratio of height of the stick to its shadow
Day1						
Day 2						
Day 3						

How do the shadows change during the different hours of the days?

Q12. If you walk  $\frac{2}{3}$  kms from a place P, Eastwards and then from there

$1\frac{5}{6}$  kms towards the West. Where will you be from P? Represent on number line choosing scale ( 1 km = 3 cm). (3)

Q13. Prepare a magic square of 3x3 for rational numbers.(i.e. sum of rational numbers in rows , columns and diagonals are same) (3)

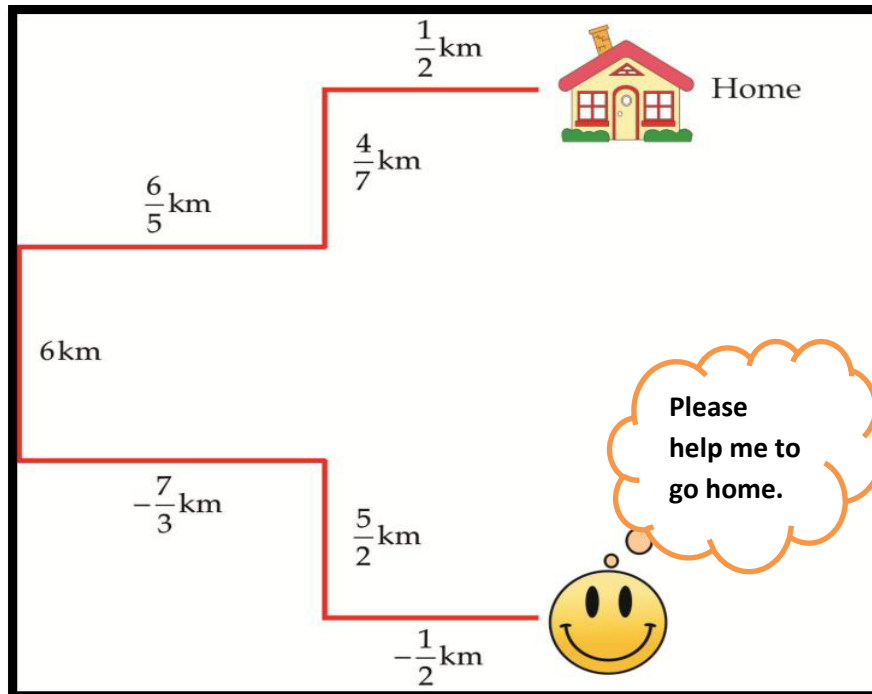


Q14. The Way Home:

(4)

Note: Negative distance means distance in opposite direction.

1. Rohan wants to drop an old lady home. Find the distance that he will have to cover.
2. What value do you learn from Rohan?



Q15. Find 10 rational numbers between  $-\frac{1}{4}$  and  $-\frac{1}{3}$ .

(3)

### Worksheet-2

Q(1-5) Choose the correct option:

(1x5)

Q1. If  $\frac{x}{2} + \frac{5}{3} = -\frac{1}{2}$ , then  $x =$

- (a)  $-\frac{13}{3}$       (b)  $-\frac{3}{13}$       (c)  $\frac{13}{3}$       (d)  $\frac{3}{13}$

Q2. Sum of two numbers is 84. One of the numbers is 20 more than the other. The smaller number is\_\_\_\_\_.

- (a) 12      (b) 22      (c) 32      (d) 42

Q3. If the sum of three consecutive multiple of 9 is 81. The smallest number will be \_\_\_\_.

- a) 9      b) 18      c) 27      d) 36

Q4 . The value of  $x$  for which the expression  $3x-4$  and  $2x+1$  become equal is \_\_\_\_\_.

- a) -3      b) 0      c) 5      d) 1

Q5. If 9 is subtracted from the product of  $p$  and 4 ,the result is 11,then value of  $p$  will be \_\_\_\_\_.

- a) 6      b) 5      c) -5      d) 10

Q6. If  $\frac{3}{5}$  th of a number is 4 more than  $\frac{1}{2}$  the number, then what is the number? (2)

Q7. Simplify and solve the following equation for the given variable.

$$10p - (3p - 4) = 4(p + 1) + 9 \quad (2)$$

Q8. Form the equation and find the value of the number: (2)

a) Five times of a number added to 4 is 29 .’

b) 7 subtracted from three times of a number is 23.

Q9. The sum of ₹ 156 is distributed among X, Y and Z such that Y gets ₹ 36 more than Z, X get as much as Z .What is the Y’s share? (2)

Q10 . Solve the equation: (3)

$$\frac{1}{2} \left\{ \frac{1}{2} \left[ \frac{1}{2} \left( \frac{1}{2}x - 2 \right) - 1 \right] - 1 \right\} + 1 = 2$$

Q11. Solve the following equation and check your answer: (3)

$$\frac{x+7}{2x+2} - \frac{x+4}{4x+4} = 1$$

Q12. Joy left half of her property to her daughter, one third to her son and donated the rest to an educational institute. If the donation was worth. 1,00,000, how much money did Joy have? (3)

Q13. Using only 2,5,10,25 and 50 paise coins, what will be the minimum number of coins required to pay exactly 78 paise and 69 paise to two different persons ? (3)

Q14. a) Collect the information about ages of five persons around you in different age groups. And form an equation expressing your age in terms of their age. (e.g. your uncle’s age = 34 years your age 14 years i.e. your age is 3 less than half of your uncle’s age) (5)

b) Measure the dimensions of five rectangular objects from your surroundings, and express the breadth of each object in terms of its length. (5)

Q15. Hide and Seek (5)

From the table, choose any one item from each column to form an equation and solve it. Form at least 5 equations, mark them with different shapes or colours. One example is done for you. The items chosen are encircled in the table.

Equation :  $-18a + (-3/5) = 21$

Solution of equation:  $-18a = 21 + (3/5) = 108/5$

$$a = (108/5) \times (1/-18) = -108/90 = -6/5$$

3	b	+	6	=	18
-4	q	÷	8	=	21
8	a	+	-4	=	-18
-18	y	-	$\frac{2}{3}$	=	154
-21	x	×	6	=	$\frac{3}{2}$
17	p	-	$-\frac{3}{5}$	=	62
22	r	+	1	=	$-\frac{2}{3}$
65	s	-	12	=	1

### Worksheet-3

**Q(1-5) Choose the correct option:**

**(1x5)**

Q1. Which of the following numbers would have the digit 6 in the unit place?

- ( a )  $19^2$       ( b )  $24^2$       ( c )  $25^2$       ( d )  $13^2$

Q2. How many natural numbers lie between  $19^2$  and  $20^2$ ?

- (a) 40      (b) 39      (c) 38      (d) 36

Q3. 25 can be expressed as the sum of first \_\_\_\_\_ consecutive odd numbers.

- (a) 5      (b) 4      (c) 6      (d) 3

Q4. What will be the value of  $x$  in Pythagorean triplet (6,8,  $x$ )?

- (a) 5      (b) 7      (c) 10      (d) 11

Q5. By which smallest number must 48 be divided so as to make it a perfect square?

- (a) 2      (b) 3      (c) 6      (d) 4

Q6. Find the square root of the following using prime factorization method and division method.

Also write which method you found better and easier:

(2+2+1)

- a) 5929      b) 9604

Q7. Find the smallest square number that is divisible by each of the number 4,9 and 10? (2)

Q8. Solve :  $\sqrt{100} + \sqrt{625} - \sqrt{144}$  (2)

Q9. What will be the number of digits in the square root of a) 25600 b) 1681 ?(write method also)

(2)

Q10. 9216 plants are to be planted in a garden in such a way that each row contains as many plants as the number of rows. Find the number of rows and the number of plants in each row. (2)

Q11. What is the length of the side and perimeter of a square whose area is  $441 \text{ cm}^2$ ? (3)

Q12. Draw a mathematical grid of  $30 \times 30$  using MS Word .Shade the square numbers and observe the pattern. Also learn squares from 1-30. (5)

Q13. **Activity** : To show square of numbers on a graph paper. (5)

Take a graph paper. Draw squares on it with sides 1 cm, 2 cm, 4 cm, 5 cm and 7cm. Now count the number of squares in each square and write the observation.

Q14. Observe the given number pattern and complete the next three steps. (5)

1st  $13^2 = 169$

2nd  $103^2 = 10609$

3rd  $1003^2 = 1006009$

4th \_\_\_\_\_;

5th \_\_\_\_\_

6th \_\_\_\_\_

Further write similar patterns (any two) involving squares of a number.

Q15. Difference between the squares of two consecutive natural numbers is equal to their sum.

Generalize the property and verify with the help of examples. (4)

#### **Worksheet-4**

**Q1. State whether the following are True/False: (0.5x4=2)**

- a) Rational numbers are not closed under division, if zero is excluded, then the collection of all other rational numbers is closed under division.
- b) For any rational number  $a$ ,  $a \div 0$  is not defined.
- c) A rational number  $c/d$  is called the multiplicative inverse of another rational number  $a/b$  if  $a/b \times c/d = 1$ .
- d) A number which can be written in the form  $p/q$ , where  $p$  and  $q$  are integers and  $q$  is not equal to 0 is called a rational number.

**Q (2-5) Choose the correct option: (1x4=4)**

Q2. The value of  $x$  for which the expression  $3x-4$  and  $2x+1$  become equal is \_\_\_\_.

- a) -3                      b) 0                      c) 5                      d) 1

Q3. The digit in the tens place of a two digit number is 3 more than the digit in the units place . let the digit at units place be  $b$  . Then the number is \_\_\_\_.

- a)  $11b + 30$               b)  $10b + 30$               c)  $11b + 3$               d)  $10b + 3$

Q4. If  $\frac{2x-3}{4x+5} = \frac{1}{3}$ , then  $x =$  \_\_\_\_.

- a) 7                      b) 8                      c) 5                      d) -6

Q5. Which is the greatest 4-digit perfect square?

- (a) 9999      (b) 9990      (c) 9800      (d) 9801

Q6. Simplify:  $(\sqrt{0.81} + \sqrt{0.81} + \sqrt{0.0081}) \times \sqrt{10000}$  (2)

Q7. Solve the equation and check your answer:  $\frac{2}{5}x - 2 = 5 - \frac{3x}{5}$  (3)

Q8. Two equal sides of a triangle are each 4 m less than three times the third side.

Find the dimensions of the triangle, if its perimeter is 55 m. (3)

Q9. A sum of ₹ 2,700 is to be given in the form of 63 prizes. If the prize is either ₹ 100 or

₹ 25, find the number of prizes of each type. (3)

Q10. Name the property that is reflected in the following expression: (2)

- a)  $5/11 \times 11/5 = 1$   
b)  $24/10 \times 5/6 = 5/6 \times 24/10$   
c)  $5 + (-5) = 0$   
d)  $99 \times 58 = 100 \times 58 - 1 \times 58$

Q10. Find the sum of the following using suitable property: (4)

(i)  $4/3 + 3/5 + (-2/3) + (-11/5)$

(ii)  $(-8/3) + (-1/4) + (-11/6) + 3/8$

Q11. Represent the following rational numbers on a number line : (4)

$$\frac{7}{8}, \frac{-2}{4}, \frac{5}{2}, \frac{-4}{16}$$

Q12. If we represent the distance towards North with a positive rational number, the distance towards South as a negative rational number and if the speed of 'A' is  $5/2$  m per second. Draw the figure and find the distance from the origin when (4)

a) 'A' travels towards the South for 20 seconds.

b) 'A' travels towards the South for 14 seconds and then towards the North for 20 seconds.

Q13. Measure the length and breadth of three rectangular or square objects at your home (e.g. table top, notebook) and find whether the product of length and breadth is a perfect square or not.

Write your observations in a tabular form. (5)

Name of the object	Length	Breadth	Area	Perfect square or not

Q14. Mathoart:

(5x2)

- a) Make a beautiful poster depicting two mathematical tricks to make calculation easier.
- b) Make three 3-D solid using paper folding (eg: cube, cuboid, cylinder, cone, pyramid)

Q15. Note down your admission number. Take  $x$  times of last digit of your admission number (4) and add number of family members to it. Put it equal to your age and solve the equation for  $x$ .

## **Subject: Science**

### **Objectives:**

- To ensure revision of concepts
- To develop skills to carry out research and develop scientific aptitude
- To encourage learning through experiences

### **General Instructions:**

- Attempt the questions keeping in mind the weightage of each question.
  - (1) Answer the 1mark questions in 5-10 words.
  - (2) Answer the 2 marks questions in 10-20 words.
  - (3) Answer the 3 marks questions in 20-30 words.
- Attempt your worksheets and activities in your science notebook and mail the scanned copy of the notebook to the respective teacher.

### **Week I**

### **Activity:**

Take a picture of yourself while doing the activity and mail it as a pdf with your name to the subject teacher.

Follow the steps given below to perform the activity and answer the questions:

1. Fill a plastic cup with water.
2. Place a piece of thick cardboard over the top of the cup.
3. While pushing down on the cardboard, gently flip the cup.
4. Slowly move your hand away.



- Q1. What did you observe?
- Q2. Why do you think this happened?
- Q3. List two more instances from your everyday life where you can observe same phenomena.

### **Worksheet 1**

#### **Physics**

- Q1. Before drinking coke/ pepsi, you unseal the bottle.
- a) What do you observe?
  - b) What will happen to the drink if it is left unsealed for a long duration? Why? (2)
- Q2. While playing football match/ participating in races/ playing basketball match you generally carry a pair of special shoes. Why do you need special shoes while playing? Will it be different if you do not wear those shoes while playing? Why? (2)
- Q3. While going on a trip with your parents, you pack your belongings in big suitcases. These suitcases have either 2 or 4 wheels. How many wheels are preferable? Why? (2)

#### **Chemistry**

- Q1. In the 4th chapter of Science, your teacher discussed and explained the different properties of metals. On the basis of the learning name the following: (0.5x4=2)
- a) A metal which is preserved in kerosene.
  - b) A metal which can melt while kept on the palm.
  - c) A metal which is a poor conductor of heat.
  - d) A metal which is the best conductor of electricity.
- Q2. Your younger cousin has toys made of thermoplastics whereas the plastics used for making electric switches and handles are thermosetting plastics. Write the major difference between these two types of plastics.(Write two points of difference). (2)
- Q3. Your father went to the market and bought a bucket made of plastic and not a bucket made of iron. Why? (2)
- Q4. You noticed that the house help who cooks food had worn a synthetic sari. Your mother told her that it was not safe to wear synthetic clothes while working in the kitchen.
- a) Do you think the house help should pay heed to your mother's advice? Why?
  - b) What property of the material makes the sari unsafe? (2)

#### **Biology**

- Q1. It is a common sight in school to see the football ground being watered using rotating nozzles. A similar method is used for agriculture.
- a) What is the method called? (1)
  - b) What are the advantages of this modern method of irrigation over traditional methods? (1)

Q2. Many human dwellings (villages and towns) have reported the destruction of property and loss of life (human beings, poultry, cattles etc.) by wild animals. What are the reasons behind it? (2)

Q3. What measures have been taken by the Government of India to protect wildlife? (2)

### Week II

#### Activity:

Take a picture of yourself while doing the activity and mail it with your name to the subject teacher.

Follow the steps given below to perform the activity and answer the questions:

1. Select a rolling object (like a ball).
2. With the same force, allow the object to roll on different surfaces.
3. Use a scale or an inch tape to calculate the distance it has travelled on different surfaces.

S.No	Surface	Distance
.		
1	Table Top	
2	Towel spread on floor	
3	Carpet	

Q1. What did you observe?

Q2. Why do you think this happened?

### Worksheet 2

#### Physics

Q1. When you see your teachers carrying heavy notebooks you volunteer to help by carrying them yourself. If the dimensions of the notebook are 15m x 20cm and they weigh 12N.

Calculate the pressure the notebooks will exert on your hands. (2)

Q2. At some point, you would have used a hose pipe to water plants. While using this,

decrease the size of the opening with your forefinger: (2)



a) What do you observe?



b) Will there be any change in the length of the water stream if you remove that finger?

Why?

Q3. Fidget Spinners are used while playing with friends. (3)

a) Which component of the spinner helps it to rotate?

b) Why does it rotate fast?

c) Find and name any other device in your home which uses the same component.

### **Chemistry**

Q1. While an electrician was working on the wiring of your house, you noticed that the electric wires are made of metal. (1 x 2=2)

a) Which metal is used to make an electric wire? Why?

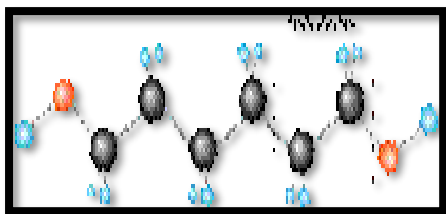
b) Why does the wire have plastic coating?

Q2. Uncle Rafiq lives in Srinagar. What kind of material should he buy to make shirt- cotton or synthetic? Why? (2)

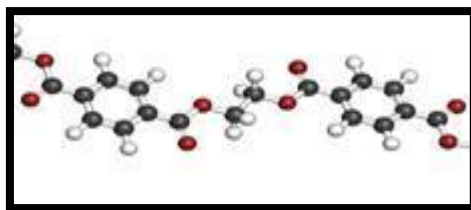
Q3. Lead of a pencil is made of graphite which is non-metal and the handle of a door is made of iron, a metal. How will you differentiate between a nonmetal and metal on the basis of their physical properties? (Give two points of difference) (2)

Q4. Observe the given structures of plastics A and B and answer the questions that follow: (2)

A.



B.



a. Which of these represent thermosets?

b. Which will form heat-resistant materials?

c. Which will melt on heating?

d. Which can be recycled?

### **Biology**

Q1. If you sow some black gram/ rajma in a pot, can it be called a crop? Justify your answer. (1)

Q2. What are the major differences between kharif crops and rabi crops? (1)

Q3. Make a paper bag using newspaper, scissors, glue and ribbon/thread. List any three advantages to the environment for using a paper bag instead of a plastic bag. (3)

### Week III

#### Activity:

Take a picture of yourself while doing the activity and mail it with your name to the subject teacher.

Find a few pieces of nylon and cotton cloth from your house and perform the following activity.

Differentiate between them on the basis of

- absorption of water when the pieces are dipped into two bowls with equal water
- time taken to dry, and
- strength of the fibre when you try to tear it

**Fill in the observation table:**

Type of fabric	Absorption of Water	Time Taken to Dry (in secs)	Strength
Nylon			
Cotton			

### Worksheet 3

#### Physics

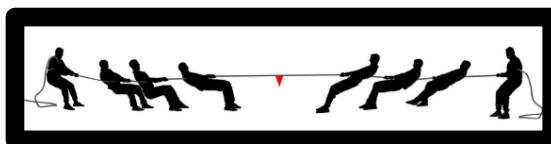
Q1. While blowing a balloon for a birthday party, you blew too much air in the balloon.

What will happen to the balloon? Why? (1)

Q2. While walking in a mall, you would have noticed a caution sign wherever the floor is wet.

Why do you need to be cautious while walking on a wet floor? (2)

Q3. You would have watched an Inter house tug of war match in school. One team was able to pull the rope in their direction. (2)



a) Name the force applied to play this game.

b) If the force applied by the winning team was 30 N and by the team which lost was 25N, What was the net force?

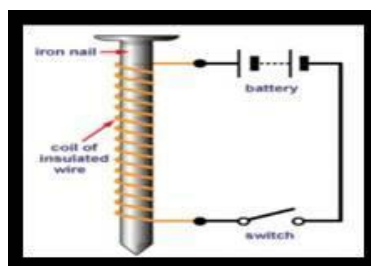
Q4. There is a force exerted when you write in your notebook. Name the force:

a) which helps you to write.

b) which opposes the motion of your pen. (2)

## Chemistry

- Q1. You noticed that an iron chair has got some reddish brown colour on it. What are such patches of colour called and why do they appear? (2)
- Q2. Despite being very useful, you often come across advertisements in TV or newspapers to restrict the use of plastics. Why is it so? Suggest some methods to limit its consumption. (3)
- Q3. Prepare a circuit (as shown in the figure) by connecting the two free ends of the copper wire to the objects(iron nail, sulphur, coal piece, aluminium wire) , one by one. Note the observation in the tabular form and classify them as good conductors or as bad conductors. (3)



## Biology

- Q1. Our school won the prestigious Green School award during the year 2019-20. Mention any two eco-friendly methods adopted by our school to receive this recognition. (1)
- Q2. Which is the alternative and inexhaustible source of energy used in our school to reduce the consumption of electrical energy? (2)
- Q3. Watch the movie “The Jungle Book” and write down the names of any 10 animals that you like. What is the role of National parks in conserving wildlife? (2)

## Week IV

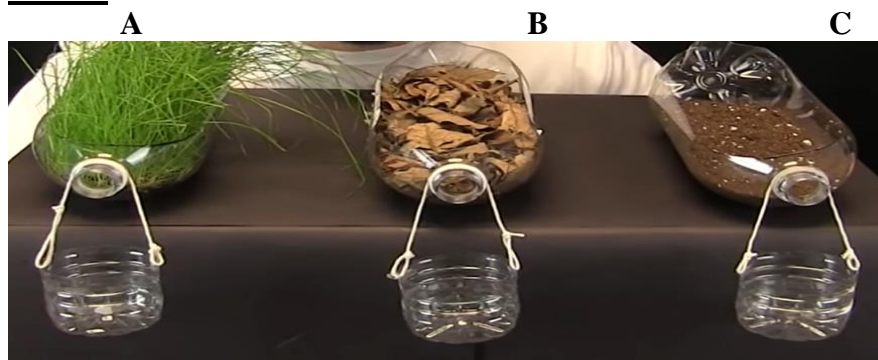
### Activity:

Take a picture of yourself while doing the activity and mail it with your name to the subject teacher.

Topic: Effects of Deforestation

Objective: Follow the steps given below to perform an activity to observe how plants affect soil erosion.

### Part I:



- a. Prepare a set of three bottles by cutting a rectangular part (roughly 7cm x 25cm) along the length of a two litre PET bottle as shown in the figure. Label them as A, B and C respectively.
- b. Put the same soil in each of them.  
In container A- grow plants (you can sow any cereal seed)  
In container B- put dry leaves over the soil.  
In container C- just the soil.
- c. Take another set of three empty PET bottles and cut them horizontally into two halves.  
Retain the bottom halves.
- d. Make two small holes opposite to each other in the bottom halves of the bottles, as shown in the figure.
- e. Cut a piece of a string, roughly 25cm long and insert each end into the holes. Tie a knot on the ends to secure them. This will form a “bucket” to collect the water.
- f. Hang them over the necks of each of the three bottles (bottle A, B and C) on the board.
- g. Pour water in each container (bottle A, B and C).

**Answer the following questions:**

- a) Is the water collected from each container different?
- b) Which container will have the maximum amount of soil dissolved in water? Give reason.
- c) Which container will have the minimum amount of soil dissolved in water? Give reason.

**Part II:** Take out the plants from container A. Observe the roots and answer the following questions:

- a) Did you see soil particles sticking to the roots?
- b) Can you tell how sticking of the soil particles to the roots helps the plant?
- c) Name this process in which the top soil gets removed.
- d) Can cutting of trees lead to soil erosion?

**Worksheet 4**

**Physics**

- Q1. You must have noticed when the doors creak, your parents oil them. Why do you think they oil the hinges? (1)
- Q2. While playing badminton you apply force on the shuttlecock using your racket. What is the effect of the force applied on a shuttlecock? (1)

Q3. We use different footwear for different occasions like:

(3)



- a) Which one do you think will apply maximum pressure on the ground and why?
- b) Let the weight of the person wearing these footwear be 400 N with surface area of  $40\text{ m}^2$ ,  $50\text{ m}^2$  and  $20\text{ m}^2$  touching the ground. Calculate the pressure in all the three cases.

### **Chemistry**

- Q1. Rope that is used by mountaineers is made of a different material than the usual jute rope. Can you name the material used for making this rope and write three of its properties. Why do you think it is used instead of jute? (1)
- Q2. In your school, you have noticed that students always wear white cotton lab coats while attending their chemistry practical classes. Why is it advised to wear cotton clothes while working in a laboratory? (1)
- Q3. You are given hammer, a battery, a bulb, wires and switch (2)
- a) How could you use them to distinguish between samples of metals and non-metals?
- b) Assess the usefulness of these tests to distinguish between metals and nonmetals.

### **Biology**

- Q1. Look around your house and list 5-6 things which are produced from the forest (plant products). Suggest two measures that can be followed to reduce over exploitation of forests. (2)
- Q2. What are the advantages of manure over chemical fertilizers? (1)
- Q3. Plan the segregation of waste in your house. Ask your parents to help you in listing down the waste produced in the house and segregate it into two categories. Using the biodegradable waste, prepare compost in a pot. Take pictures of every step and record your observations in your biology notebook.
- Steps involved:
- A. Collection of waste
  - B. Segregation of waste
  - C. Preparation of compost in a pot (follow the given steps)
- Take a container (earthen pot/used bucket/ 5 litre Bisleri bottle- cut the top of the bottle. to make it look like a pot) make holes at the bottom for drainage and aeration.

- Put a layer of coconut husk, 2 cm thick to prevent the loss of moisture.
- Cover with a layer of soil about 3-4 cm thick.
- *Put green waste from the kitchen (fruit peel/vegetable peel/ used tea leaves- wash them thoroughly before putting it in the pot) on the first day.*
- *On the next day, put a layer of dry leaves/twigs/eggshells etc. around 2 cm thick and cover it with 1 cm thick layer of soil.*
- *Add jaggery solution (50gm jaggery in 1 litre water) to enhance the rate of decomposition.*
- *Repeat step 4 followed by step 5 for three weeks. Stir the contents once a week to ensure proper aeration.*
- *Keep the pot covered with 4-5 layers of newspaper to retain moisture.*
- *The compost will be ready in 6 weeks.*
- Keep a dish under the pot to collect the excess water that will be released due to decomposition (which is also used as manure).

(3)

## **Subject: Social Science**

### **Worksheet-1**

**Answer the following questions:**

- Q1. Why do you think the British preserved official documents? 2
- Q2. Why was India considered the most valuable British colony? 2
- Q3. What awareness can you create against female foeticide and how? 2
- Q4. Mention any four positive impacts that COVID-19 has had on the environment. 2
- Q5. Why is the term 'modern age' as given by the British historians not applicable to India? 3
- Q6. A Constitution is required for running a government. Support this statement with relevant points. 3
- Q7. Though the Dowry Prohibition Act was passed in 1961, it is practiced in many parts of India. List any three disadvantages of the Dowry System in India. 3
- Q8. How can the gift of nature become a resource? Explain with an example. 3
- Q9. **Project work** 5

Prepare a **PPT** on the sustainable management of the natural resources and it's conservation. Find out what type of natural resources (plants, animals, rocks, and fossil fuels) are used to make the objects we use in our everyday life. Where their trash goes when it is thrown away, and how this affects the Earth.

**Hints:** Your PPT should be able to answer the following questions in detail.

- » What are the natural resources that humans throw in the trash the most?
- » Which resources do they use the most?
- » Why is it important to conserve natural resources?
- » What would happen to the earth if we used more resources than it could make?
- » How can we conserve natural resources in our daily lives?

#### **Guidelines for the Project Work:**

1. PPT should not be more than 20 slides.
2. Use simple slides
3. Use plenty of visuals.
4. Keep things simple and to the point.
5. Include graphics/pictures/flowcharts etc.

### **Worksheet-2**

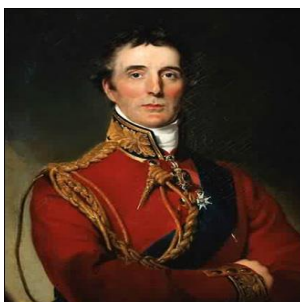
#### **Answer the following questions:**

- |     |  |         |
|-----|--|---------|
| Q1. | Why did the English East India Company want a puppet ruler?  | 2       |
| Q2. | The 'Battle of Plassey' is an important landmark in the history of India. Comment.   | 2       |
| Q3. | Why do people defy law? Explain with the help of an example that people can oppose unjust laws.  | 2       |
| Q4. | Why is land considered an important resource?  | 2       |
| Q5. | "The people of Bengal suffered immensely under the Dual or Double Government." Explain the system with special reference to Bengal.                                    | 3       |
| Q6. | "People will understand the value of rights only if they are under the obligation of performing duties". In the light of this statement list three fundamental duties. | 3       |
| Q7. | Why is conservation of resources necessary? List any four methods of soil conservation.  | 3       |
| Q8. | Define land use. Explain any four factors that affect land use pattern of India.   | (1+2=3) |
| Q9. | <b>Map Activity</b>  | 5       |
|     | On the Political map of India, mark and colour the following:  |         |
|     | (i). Two territories where Permanent Settlement was introduced.  |         |
|     | (ii). Two territories where Mahalwari system was introduced.   |         |
|     | (iii). One territory where Ryotwari system was introduced.   |         |

### Worksheet-3

**Answer the following questions:**

- Q1. Why did the companies prefer the coast to set up their trading centres? 2
- Q2. Which two important people betrayed Siraj-ud-Daulah and Why? 2
- Q3. Why are amendments made in our Constitution? 2
- Q4. What are the possible reasons behind the uneven distribution of population around the world? 2
- Q5. Look at following picture and answer the questions that follow. (1+2)



- (i). Identify the above person.
- (ii). How did he acquire territories in India?
- Q6. “Right to freedom is a cluster of various rights”. Explain. 3
- Q7. Name two nutrients that alluvial soil is deficient in. Briefly write how fertility of soil affected distribution of population? (1+2=3)
- Q8. Why do you think the use of resources should be sustainable? 3
- Q9. **Activity** 5

Write at least five rules to tackle the Covid-19 in your home. Also mention how you will implement them.

**Hint:** Surf the net about the condition in your area. Find out in which zone does it fall-Red, Orange or Green. There will be different rules for each zone.

### Worksheet-4

**Answer the following questions:**

- Q1. Why was the system of giving the revenue collection rights to the highest bidder not advantageous to the British? 2
- Q2. Why were trading centres called factories? 2
- Q3. Why are ‘Directive Principles of State Policy’ an important part of the Constitution? 2
- Q4. How is black soil formed? 2
- Q5. “Indians faced discrimination in every sphere of the administrative service under the British rule”. Justify the statement. 3



Q6. What is federalism? How does it work in India?	3
Q7. Give three points of difference between Red soil and Laterite soil.	3
Q8. Explain how human activities have caused land degradation.	3
Q9. Map Activity	5

On a Political map of India, mark and colour the following:

- Two states that were occupied by means of Subsidiary Alliance.
- Three states that were occupied by means of Doctrine of Lapse.

## Subject- Sanskrit

सामान्य निर्देश - 1 प्रत्येक कार्य पत्रिका में दिए गए प्रश्नों के उत्तर अलग शीट पर लिखकर एक फ़ोल्डर बनाइए।

- सभी प्रश्नों के उत्तर पूर्णवाक्य में लिखकर रिक्त स्थानों को रेखांकित कीजिए।
- कार्य स्वच्छ शुद्ध एवं स्पष्ट लेख में कीजिए।
- गतिविधि के रूप में दी गई परियोजना कार्य के अन्तर्गत ऑडियो या वीडियो स्पष्ट होना चाहिए। इस कार्य के दौरान सामाजिक दूरस्थता एवं स्वच्छता का विशेष ध्यान रखें।

## WorkSheet - 1

गतिविधि - दो श्लोक याद करके भावपूर्ण ढंग से सुनाते हुए अपना वीडियो बनाइए।

प्रश्न 1 अधोलिखितं गद्यांशं पठित्वा प्रश्नान् उत्तरत -

द्वापरयुगे एकम् हस्तिनापुरे नाम राज्यम् आसीत्। हस्तिनापुरस्य नृपस्य नाम शान्तनुः आसीत्। तस्य एकः पुत्रः देवव्रतः आसीत्। देवव्रतस्य मातुः नाम गंगा आसीत्। गंगायाः पुत्रत्वात् गांगेय इत्यपि तस्य अभिधानम् आसीत्। सः शूरवीरः, पराक्रमी, पितृभक्तः, उदारचरितः च आसीत्। युवावस्थायां तस्य पराक्रमस्य चर्चा सर्वत्र अभवत्। एकदा नृपः शान्तनुः नौकाविहाराय यमुनायास्तीरम् अगच्छत्। तत्र एका रूपवती कन्या उपविष्टा। सा धीवरस्य कन्या आसीत्। तस्याः नाम सत्यवती आसीत्। तस्याः रूपलावण्यं दृष्ट्वा राजा

शान्तनुः मोहितः अभवत्। नृपः तस्याः जनकम् उपगम्य विवाहप्रस्तावं न्यवेदयत् - “भो धीवर! अहम् त्वया रूपवती पुत्र्याः सह विवाहं कर्तुम् इच्छुकः। यदि त्वं त्वां रूपवतीं पुत्रीं मह्यम् दास्यसि तर्हि अहं तुभ्यं राज्यं उच्चपदं दास्यामि।” धीवरः अवदत् - “हे राजन्! अहम् एकेन शर्तेन सत्यवतीं तुभ्यं दातुं शक्नोमि।” राजा अवदत् - “शीघ्रं वद। त्वम् किम् इच्छसि?” धीवरः अवदत् - “मम शर्तेन इति यत् त्वं त्वं स्वं राज्यं तस्याः सन्ततये दास्यसि।” शान्तनुः सक्रोधम् अवदत् - “एषः सम्भवो नासीत्।”

**1 एक पदेन उत्तरत -**

(1×4=4)

- (क) नृपः शान्तनुः नौकाविहाराय कुत्र अगच्छत् ?
- (ख) कस्मिन् युगे हस्तिनापुरे नाम राज्यम् आसीत् ?
- (ग) देवव्रतस्य मातुः नाम का आसीत् ?
- (घ) कदा देवव्रतस्य पराक्रमस्य चर्चा सर्वत्र अभवत् ?

**2 पूर्णवाक्येन उत्तरत -**

(2×2=4)

- (क) देवव्रतः कीदृशः आसीत् ?
- (ख) सत्यवती दृष्ट्वा शान्तनुः किम् अकरोत् ?

**3 निर्देशानुसारेण उत्तरत -**

(1×2=2)

- (क) 'अवदत्' इति क्रियापदस्य धातुः पुरुषः च लिखत ।
- (ख) 'मह्यम्' पदस्य विभक्तिः वचनम् च लिखत ।

**प्रश्न 2 अधोलिखितं गद्यांशं पठित्वा प्रश्नान् उत्तरत -**

‘गंगा-यमुना’ संस्कृतेः संगमस्थली प्राचीनतम काशीनगरी पर्यटकेभ्यः अतीव रोचते । अधुना जनाः एतां वाराणसी अपि कथयन्ते । अत्रैव विश्वप्रसिद्धं विश्वनाथमंदिरं सुशोभितः । विश्वनाथस्य दर्शनाय प्रतिदिनं अनेकाः पर्यटकाः आगच्छन्ति । वैदेशिकाः पर्यटकाः अपि भ्रमणाय, गंगादर्शनाय, अनुसंधानाय, ज्ञानाय, शिक्षायै च अत्र आगच्छन्ति । सांस्कृतिकाः विचारकाः अपि काशीम् आगत्य चिन्तनं कुर्वन्ति । एषा नगरी प्राचीनकालात् एव ज्ञानक्षेत्रे अतीव श्रेष्ठा आसीत् । अत्र गुरुकुलानि अपि सन्ति, येषु गुरवः छात्रेभ्यः शास्त्रज्ञानं यच्छन्ति । पापविमोचिनी गंगा काशीनगर्याः कृते शिवस्य वरदानम् इव । ये जनाः काशीम् आगच्छन्ति, ते सर्वप्रथमं गंगास्नानम् एव कुर्वन्ति । सायंकाले गंगा-आरतीं दृष्ट्वा ते पारलौकिकम् आनन्दम् अनुभवन्ति । भारतस्य कृते गंगा नदी जनजीवनस्य आधारः वर्तते । जनाश्रयाय हिमालयात् आगच्छति भारतस्य भूभागं च सिञ्चति । अत्रैव काशीविश्वविद्यालयः, सम्पूर्णानन्दसंस्कृतविश्वविद्यालयः च स्तः । संस्कृति दर्शनाय, संस्कृतम् अध्ययनाय च काशी सर्वेभ्यः अतीव रोचते ।

**1 एक पदेन उत्तरत -**

(1×4=4)

- (क) वाराणस्याः प्राचीन नाम् किम् आसीत् ?
- (ख) कस्य दर्शनाय प्रतिदिनं अनेकाः पर्यटकाः आगच्छन्ति ?
- (ग) का जनजीवनस्य आधारः वर्तते ?
- (घ) जनाश्रयाय गंगा कुतः आगच्छति ?

**2 पूर्णवाक्येन उत्तरत -**

(2×2=4)

- (क) वैदेशिकाः पर्यटकाः किमर्थम् काशीनगरीम् आगच्छन्ति ?
- (ख) काश्याम् कौ प्रसिद्धौ विश्वविद्यालयः च स्तः ?

**3 निर्देशानुसारेण उत्तरत -**

(1×2=2)

- (क) ‘दृष्ट्वा’ अस्य पदस्य प्रकृति प्रत्ययं पृथक् कुरुत ।
- (ख) ‘अत्रैव’ इति पदस्य सन्धिच्छेदं कुरुत ।

## Worksheet - 2

गतिविधि - स्कैप बुक या शीट पर अर्न्नों को चिपकाते हुए उनके नाम संस्कृत में लिखिए।

प्रश्न 1 चित्रम् दृष्ट्वा दत्तपदानां सहायतया रिक्तस्थानानि पूरयत - (1/2×4=2)

मञ्जूषा = समुद्रतटस्थ , नारिकेलम् , पश्यन्ति , कन्दुकेन ।



1 इदम् चित्रम् ..... अस्ति । 2 यत्र तत्र ..... वृक्षाः सन्ति ।

2 द्वौ बालकौ ..... सह कीडतः । 4 जनाः खेलम् ..... ।

प्रश्न 2 मञ्जूषातः उचित पदानि गृहीत्वा पत्रं पूरयत -

(1/4×8=2)

मञ्जूषा = मिलित्वा , दिल्लीप्रदेशे , प्रसन्नः , लिखितम् , त्वया ,  
चरणयोः , ज्ञात्वा , अनुज ।

नव दिल्लीतः

तिथिः 22.01 .20

प्रिय मित्र [1] -----!

अत्र कुशलं तत्रास्तु । भवता [2] ----- पत्रं प्राप्तम् । [3]----- लिखितम् त्वं  
ग्रीष्मवकाशे [4]..... आगमिष्यसि । इति [5]----- अहम् अति [6]..... जातः । यदा त्वं  
आगमिष्यसि तदा वयं [7]----- पठिष्यामः , भ्रमिष्यामः च । शेषं सर्वं कुशलम् । मातृपितृभ्यां  
[8]----- चरणवन्दना ।

भवतः मित्रम्

नकुलः ।

प्रश्न 3 अधोलिखिते संवादे मञ्जूषायाः उचितपदानि चित्वा रिक्तस्थानानि पूरयन्तु - (1/2×4=2)

मञ्जूषा - भोजनं , नेष्यामि , व्यवस्था , गमिष्यामि ।

रमा - हे मातः ! श्वः अहं विद्यालये भोजनं न [1]----- ।

माता - किमर्थम्?

रमा - श्वः अहं इस्कॉनदेवालयं [2]----- ।

माता - तर्हि [3]----- किमर्थम् न नेष्यसि ?

रमा - देवालये भोजनस्य [4]----- अस्ति ।

माता - देवालये सर्वे मिलित्वा भोजनं खादिष्यन्ति ।

प्रश्न 4 मञ्जूषातः पदानि चित्वा कथायाः पूर्तिं कुरुत —

(1/4×8=2)

मञ्जूषा = वाणि , श्रृगालः , दृष्ट्वा , वृक्षस्य, काकः , मूर्खः , एका , बुभुक्षितः ।

एकस्मिन् वने एकः [1]----- वसति स्म । सः [2]----- आसीत् । इतस्ततः भ्रमन्तः सः [3]----- रोटिकां अलभत् । रोटिकां गृहीत्वा काकः एकस्य [4]----- शाखायाम् अतिष्ठत् । तदैव तत्र एकः धूर्तः [5]----- अगच्छत् । सः अपि बुभुक्षितः आसीत् । काकस्य मुखे रोटिका [6]----- सः अचिन्तयत् — “ किञ्चित् उपायेन इयम् रोटिका लब्धुम् वाञ्छामि । ” सः काकं अवदत् — भौ काक ! त्वम् तु मम भ्रातः अस्ति । तव [7]----- मधुरम् अस्ति । अहं एकं गीतं श्रोतुम् इच्छामि । काकः अचिन्तयत् — “ अहो ! अयं श्रृगालः तु धूर्तः अस्ति । सः रोटिकां प्राप्तुम् इच्छति । एतस्मात् कारणात् मधुरं वार्तालापं करोति । तदा काकः अवदत् — हे श्रृगाल ! अहं त्वाम् गीतम् श्रावयामि । सः रोटिकां वृक्षस्य शाखायाम् स्थापयित्वा का-का करोति गीतम् च गायति..... । सः श्रृगालः अकथयत् — “ अहं पूर्ववत् [8]----- न अस्मि । ”

प्रश्न 5 चित्रम् रचयित्वा केचन चत्वारः अन्नानाम् नाम संस्कृते लिखत । (1×4=4)

प्रश्न 6 चित्रम् रचयित्वा केचन चत्वारः मासनाम् नाम संस्कृते लिखत । (1×4=4)

प्रश्न 7 घटिकां रचयित्वा प्रदत्त समयं संस्कृते लिखत । (1×4=4)

7:45      4:15      3:30      6 :00

### Worksheet - 3

गतिविधि - स्कैप बुक या शीट पर वृक्षों की पत्तियों को चिपकाते हुए उनके नाम संस्कृत में लिखिए ।

प्रश्न 1 धातु रूपाणि लिखत - (1/2×6=4.5)

क) ‘गम्’ धातु - लृट लकारः, प्रथम पुरुषः ।

ख) ‘लिख्’ धातु - लंग लकारः, उत्तम पुरुषः ।

ग) ‘खेल्’ धातु - लोट लकारः, मध्यम पुरुषः ।

प्रश्न 2 शब्द रूपाणि लिखत - (1/2×6=4.5)

क) ‘युष्मद्’ शब्द [सर्व0] द्वितीया विभक्तिः ।

ख) ‘अस्मद्’ शब्द [सर्व0] पंचमी विभक्तिः ।

ग) ‘किम्’ शब्द [पु0] सप्तमी विभक्तिः ।

प्रश्न 3 कोष्ठके प्रदत्तैः उचित संख्या पदैः रिक्तस्थानानि पूरयत -

(1/2×4=2)

- 1 गृहे ----- बालकाः पठन्ति । (4)
- 2 रामः पुस्तकस्य ----- अध्यायः पठति । (18)
- 3 वृक्षात् ----- आम्रफलानि पतन्ति । (20)
- 4 सभायाम् ----- जनाः उपविशन्ति । (35)

प्रश्न 4 मञ्जूषायां प्रदत्तैः उचित अव्ययपदैः रिक्तस्थानानि पूरयत-

(1/2×4=2)

प्राक् , नूनम् , मा , सर्वदा

- 1 मोहनः ----- एकदिवसः सफलः भविष्यति ।
- 2 भारतसर्वकारः देशस्य रक्षायै ----- तत्परः अस्ति ।
- 3 ----- तक्षशिलानाम्ना विश्वविद्यालयः आसीत् ।
- 4 गृहात् बहिः ----- गच्छ ।

प्रश्न 5 अधोलिखितेषु रिक्तस्थानेषु प्रकृति प्रत्ययं संयोज्य वाक्यपूर्तिं कुरुत - (1/2×4=2)

- 1 रमा ----- (हस् + तुमुन्) दूरदर्शनम् पश्यति ।
- 2 श्यामा भजनं ----- (श्रु + क्त्वा ) शयनम् करोति ।
- 3 सा भिक्षुकाय वस्त्रम् ----- (दा + तुमुन्) बहिः गच्छति ।
- 4 बालः ----- (पठ् + क्त्वा ) भोजनम् खादति ।

प्रश्न 6 संधि संधि विच्छेदम् कुरुत -

(1×3=3)

(क) गजाननः (ख) महेशः (ग) वाचनालयः

प्रश्न 7 संधि कुरुत -

(1/2×4=2)

(क) सुर + इन्द्रः (ख) वधू + उत्सवः (ग) पितृ + ऋणम् (घ) सप्त + ऋषिः

### Worksheet - 4

गतिविधि - संस्कृत में 30 तक गिनती याद करके सुनाते हुए वीडियो बनाइए।

प्रश्न 1 अधोलिखितं गद्यांशं पठित्वा प्रश्नान् उत्तरत -

एकदा तस्य आचार्यः तस्मै अकृध्यत् अवदत् च — ‘भो पुत्र! तव भाग्ये विद्या नास्ति। अतः गुरुकुलं परित्यज्य गृहम् गच्छ’। गुरोः वचनं श्रुत्वा बोपदेवः दुःखी अभवत् अचिन्तयत् च — ‘नूनम् मम भाग्ये विद्या नास्ति।’ एवं चिन्तयन् सः गृहम् प्रति अगच्छत्। गृहं गच्छन् बोपदेवः मार्गे एकम् कूपम् अपश्यत्। सः पिपासितः आसीत्। अतः जलम् पातुं सः कूपस्य समीपम् अगच्छत्। तत्र एका महिला, कूपात् जलम् निष्कासयति स्म। सहसा तस्य दृष्टिः कूपस्थस्य गर्तस्य उपरि अगच्छत्। सः अचिन्तयत् यदि रज्ज्वा शिलाखंडे अपि गर्तः भवति तर्हि पुनः-पुनः अभ्यासेन अहम् अपि विद्वान् भविष्यामि। एतत् विचिन्त्य सः पुनः गुरुकुलं प्रति अचलत्।

1 एक पदेन उत्तरत -

(1×2=2)

क) बोपदेवस्य भाग्ये का नास्ति ?

ख) महिला कूपात् किम् निष्कासयति स्म ?

2 पूर्णवाक्येन उत्तरत-

(1×1=1)

क) आचार्यः बोपदेवाय किम् अवदत् ?

3 निर्देशानुसारेण उत्तरत -

(1/2×1=1)

क) 'अगच्छत्' इति पदस्य धातुः पुरुषः च लिखत ।

(ख) 'पातुम्' पदस्य प्रकृति प्रत्ययं च लिखत ।

प्रश्न 2 अधोलिखितं श्लोकांशं पठित्वा प्रश्नान् उत्तरत -

यस्य नास्ति स्वयं प्रज्ञा

शास्त्रं तस्य करोति किम्।

लोचनाभ्यां विहीनस्य

दर्पणः किं करिष्यति।

अलसस्य कृतो विद्या

अविद्यस्य कृतो धनम् ।

अधनस्य कृतो मित्रम्

अमित्रस्य कृतः सुखम्

1 एक पदेन उत्तरत -

(1×2=2)

क) कः मित्रम् न प्राप्नोति ?

ख) कः लोचनाभ्यां विहीनस्य सहायतां न करोति ?

2 पूर्णवाक्येन उत्तरत-

(1×1=1)

क) शास्त्रम् कस्य सहायतां न करोति ?

3 निर्देशानुसारेण उत्तरत -

(1×1=1)

(क) 'करिष्यति' इति पदस्य धातुः पुरुषः च लिखत ।

(ख) 'प्रज्ञा' इति पदस्य अर्थम् लिखत ।

प्रश्न 3 मञ्जूषातः पदानि चित्वा अन्वयं पूर्तिं कुरुत -

(1/4×4=1)

न कश्चित् कस्यचित् मित्रम् , न कश्चित् कस्यचित् रिपुः।

व्यवहारेण जायन्ते , मित्राणि रिपवस्तथा ।।

मित्राणि ,

कस्यचित् ,

रिपवः ,

कश्चित्

(क) न कश्चित् .....मित्रम् न..... कस्यचित् रिपुः (भवति) व्यवहारेण ..... तथा  
..... जायन्ते ।

प्रश्न 4 विलोमपदानाम् परस्परं मेलनम् कुरुत -

(1/2×4=2)

- |     |          |          |
|-----|----------|----------|
| (1) | सुपुत्रः | प्रदोषे  |
| (2) | विद्वान् | कुपुत्रः |
| (3) | असफलः    | मूर्खः   |
| (4) | प्रभाते  | सफलः     |

प्रश्न 5 पर्याय पदानां मेलनम् कुरुत -

(1/2×4=2)

- |     |         |         |
|-----|---------|---------|
| (1) | चन्द्रः | सूर्यः  |
| (2) | रविः    | शत्रुः  |
| (3) | प्रज्ञा | शशिः    |
| (4) | रिपुः   | बुद्धिः |

प्रश्न 6 अधोलिखितानि वाक्यानि शुद्धम् कृत्वा लिखत -

(1/2×4=2)

- (1) सः वैज्ञानिकः अभवन्।
- (2) सः विनमः आसन्।
- (3) अयं विज्ञानक्षेत्रे सफला अभवत्।
- (4) डॉ कलाममहोदयः भारतस्य प्रति समर्पितः आसीत्।

प्रश्न 7 रेखांकित पदम् आधृत्य प्रश्नं निर्मीयताम् -

(1/2×4=2)

- (1) ते पापस्य फलम् प्राप्स्यन्ति।
- (2) अब्दुल कलामः वैज्ञानिकानाम् आदर्शः एव आसीत्।
- (3) तस्करस्य नाम रत्नाकरः आसीत्।
- (4) व्यवहारेण मित्राणि जायन्ते।

प्रश्न 8 घटनाक्रमानुसारं वाक्यानि संयोजयत -

(1/2×6=3)

- (1) एकः राजपुत्रः प्रतिदिनं सरोवरे स्नाति।
- (2) राजसैनिकाः सर्पम् व्यापादितवन्तः।
- (3) काकः सर्पस्य वधस्य उपायम् अचिन्तयत्।
- (4) कस्मिंश्चित् वृक्षे काकदम्पती निवसतः स्म।
- (5) तत्र सर्पः काकस्य अपत्यानि अखादत्।
- (6) काकी कनकसूत्रं वृक्षस्य कोटरे निधाय उत्पतति।

## **Subject: Art Education**

### **Week 1- Recreating the magic of Harry Potter.**

Most of you have read or watched Harry Potter and have been enamoured by the magical props that are used. Use reused material and other scraps to create any one of the following: wands/ owls/ hats. Look for videos on what techniques can be used.

### **Week 2- Mask Making**

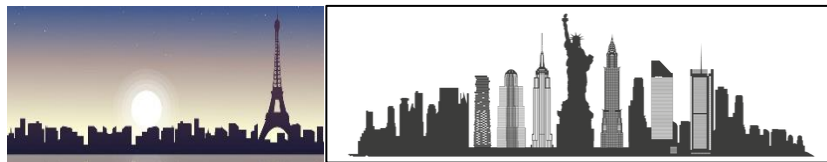
Make a mask to observe the safety norms using your stitching skills. You can use any cloth that is available at home. You may choose to use this YouTube link for reference:

LINK : <<https://www.youtube.com/watch?v=p2Lwyw2tOng>>

### **Week 3- Reach for the Sky**

Make a Sky Line for any city on A4 Sheet.

Use a black gel pen to draw and shade. Here are a few pictures that you could use for reference.



### **Week 4- Recreating a Painting**

Choose a painting that you like and recreate it in real life. Paste these two side by side and write a paragraph on why you chose this particular painting.

Here's an example to get you started:-





## Subject: Computer Science

### Lesson 2 – Writing Programs in Python

**1. Find the output of the following:-**

**1\*8=8**

- a) `print (23//2)`
- b) `print (3*1**2)`
- c) `print (17%5)`
- d) `print (7-8+2*4)`
- e) `print (“Artificial” + “Intelligence”)`
- f) `a=145672`

`b=36743`

`b+=a`

`print(b)`

- g) `c=534`

`c*=42`

`print(c)`

- h) `x=9 ; y='9'`

`print(x==y)`

**2. Find the error in the following python codes (if any) and rewrite the correct code:-**

**1\*4=4**

- a) `Y=12+24+10+`

`5+7+20`

`print(Y)`

- b) `b=25 h=40.5`

`a=0.5*b*h`

`print a`

- c) `age=('Enter the value of age')`

`if (age>=18)`

`print(You are eligible for voting)`

- d) `n1,n2=3,4`

`print(n1*n3)`

3. Write the Python programs for the following where the input will be asked by the user:

$$2*4=8$$

- Program to convert the time in hours to seconds.
- Program to convert Celsius into Fahrenheit.  $(f=(c*9/5)+32)$ .
- Program to find the cost of 75 LED bulbs if the cost of one LED bulb is Rs 50.50.
- Program to find the surface area of hemisphere.  $(s=2*\pi*r*r)$  , where value of pi is 3.14.

### **Project Based Question**

- Create a presentation of minimum **five slides** using SWAY (Office 365) on the topic “Synthetic Fibres and Plastics”.

**Follow the sequence of the slide as per the instruction given below.**

- Sources of synthetic fibres and plastics.
  - Any four types of synthetic fibre.
  - Nylon..... a fully synthetic fibre.
  - Examples of thermoplastics and thermosetting plastics in daily life.
  - Impact of synthetic fibres on environment.
- Create a quiz of minimum **five questions** mentioned below using **FORMS in Office 365**.

#### **Question 1**

**Q 10 - Which is the special symbol used in python to add comments?**

- \$
- //
- /\*.... \*/
- #

#### **Question 2**

Which is invalid in python for  $z = 5$  ?

- $z = z++$
- $z = ++z$
- $z += 1$
- $z -= 1$

### Question 3

Which of the following is a correct variable name?

- A. -1ABC
- B. #IF
- C. 123X
- D. Y\_12

### Question 4

The python programs are saved with the extension..... .

- A. .html
- B. .py
- C. .docx
- D. .pptx

### Question 5

What does IDLE stands for?

- A. Integrated Development
- B. Integrated Learning
- C. Integration and Learning
- D. Integrated Development and Learning Environment

**Follow the following steps to upload the HOMEWORK in Microsoft Teams.**

- Login to **portal.office.com**
- Sign in with your **username and password**.
- Click on **FORMS** to create your quiz.
- Click on **Share** option and copy the link.
- Go to **TEAMS** and select your **Class group**.
- Click on **General Tab** and choose the **POST** option.