## St. Mary's School, Dwarka <br> Holiday Homework <br> Class VII

## Subject: English

## Worksheet 1

## Q. 1 The following passage has not been edited. Identify the incorrect word and write the error and correction in the space provided.

Incorrect Correct
a. $\qquad$
$\qquad$
b. $\qquad$
$\qquad$
c. $\qquad$
d. $\qquad$
$\qquad$
We did not see many banyans in cities. They are so huge that they can only grow on open places. The banyan looks like a palace standing on pillars. It does not has just a main trunk like others will. It has many roots dropping down. These hanging roots enters the ground and look like smaller trunks.

Q2. Rearrange the following words/phrases to form meaningful sentences.
a. earth/butterflies/some of the/are/most interesting/on the/insects
b. seventeen thousand/more than/there are/butterflies/kinds of/different
$\qquad$
c. sizes/butterflies/and/come/all/in/shapes
$\qquad$
d. couple/live/a/the/of/butterflies/weeks/most of/only for
$\qquad$
e. some/however,/the/butterfly/monarch/like/may/many months/live for

Q3. You visited Delhi Haat recently. You were really impressed by one of the artisans in the fair.
Frame a set of five questions that you would like to ask him/her using the given hints: (1x5=5)

- state/home town
- daily profit made
- most expensive product
- years of work experience
- children
$\qquad$


## Q4. Fill in the blanks with appropriate words:

( $1 / 2 \times 6=3$ )
I can't believe I got the apartment that I (a) $\qquad$ (want). I (b) $\qquad$ (submit) my application last week. I did not think that I had a chance of getting it. When I showed up to look around, there were at least twenty other people who (c) $\qquad$ (arrive) before me. Most of them (d) $\qquad$ (already, fill) up their applications and were leaving. The landlord suggested that I try my luck so I too filled up the form. They wanted me to include references, but I didn't want to list my previous landlord because I (e) $\qquad$ (have) some problems with him. So I ended up listing my father as a reference. I thought I was lucky to get the apartment but later found out that the landlord (f) $\qquad$ (know) my father from when he was a young boy.

Q5. Complete the following paragraph with appropriate words:
I (a) $\qquad$ (ask) Cindy to meet me early because the show was to begin at 8 p.m. I (b) $\qquad$ (try) to get tickets for that play for months and I did not want to miss it. By the time I finally (c) ___ (leave) the coffee shop, where Cindy and I (d) $\qquad$ (suppose) to meet, I had (e) $\qquad$ (be) five cups of coffee. I had to leave without meeting Cindy because I (f) $\qquad$ (plan) to meet Kathy in front of the theatre at 7 p.m.

## Worksheet 2

Q. 1 The following passage has not been edited. There is one error in each line. Identify the incorrect word and write the error and correction in the space provided.
( $1 / 2 \times 8=4$ )
Incorrect Correct
In $12^{\text {th }}$ April, 1961, Yuri Gagarin
a. $\qquad$
$\qquad$ become the first man ever to venture into space. He did not knew for certain
b. $\qquad$
$\qquad$
c. $\qquad$
$\qquad$ that he is to be chosen.
d. $\qquad$
$\qquad$
The Russian had three possible candidates
e. $\qquad$
$\qquad$ ready but although Gagarin was the first
f. $\qquad$ on the list, the choice is not made
g. $\qquad$
$\qquad$ until an morning of April $12^{\text {th }}$.
h. $\qquad$

Q2. Rearrange the following words/phrases to form meaningful sentences.
a. is a way/respect/or thinking/something or someone/of treating/about/in a positive way
b. demanded/it is said/but given/is not/ that respect
c. self-respect/crucial/is/an individual/for/to live/ world/in this
d. respect/ be earned/one's virtues/can only/through
e. be/and/you/respectful/others/respect/will/also

Q3. Your classmate has recently won an Inter-School Quiz Competition. Frame a set of five questions that you would like to ask him/her based on the following hints:

- theme of the competition
- days of preparation
- number of teams participated
- rounds in the competition
- trophy/cash prize
- $\qquad$
- 
- $\qquad$
- $\qquad$
$\qquad$


## Q4. Fill in the blanks with appropriate words:

a. Ruhi (a) $\qquad$ goes to the village to meet her grandmother whom she loves (b) $\qquad$ . It (c)
$\qquad$ takes her two hours to reach there by train. Her grandmother (d) $\qquad$ waits for her on weekends. For the past many years, she has been visiting her (e) $\qquad$ . Ruhi has (f) $\qquad$ missed going there even once.
b. It was Heena's birthday yesterday. She was dressed in a (a) $\qquad$ beautiful gown. The venue was decorated (b) $\qquad$ with beautiful flowers and balloons. Her parents welcomed everyone (c)
$\qquad$ . Children danced (d) $\qquad$ to the tunes of various songs. Adults also enjoyed themselves. Everyone was delighted after the lavish dinner. Ruhi sang a song (e) $\qquad$ . Everybody praised her talent. She thanked them (f) $\qquad$ .

## Worksheet 3

Q. 1 The following passage has not been edited. There is one error in each line. Identify the incorrect word and write the error and correction in the space provided.
$(1 / 2 \times 8=4)$

## Incorrect Correct

Once, a beetle that has come to drink at a
a. $\qquad$
$\qquad$ stream fell in the water and was carried
b. $\qquad$
$\qquad$
way by the swift current. It was in great danger for
c. $\qquad$
$\qquad$ drowning. A dove, perched on a nearby trees saw the beetle in danger and drop a leaf into the water.
d. $\qquad$
$\qquad$
e. $\qquad$
$\qquad$
The beetle climbed on to this and is carried to
safety. The dove see this
f. $\qquad$
$\qquad$
g. $\qquad$
$\qquad$ and was happy that the beetle was safety.
h. $\qquad$

## Q2. Rearrange the following words/phrases to form meaningful sentences.

a. children/are/many/still/employed/factories/in
$\qquad$
b. wash/they/when/utensils/playing/should/toys/they/be/with
$\qquad$
c. that they/do not/children/know/are entitled to/most/rights/certain
$\qquad$
d. CRY/that brings/to such children/ peace and prosperity/an/organization/is
e. rescues them/it/to them/and/education/provides
$\qquad$

Q3. You visit an orphanage. Frame a set of five questions that you would like to ask one of the children staying there based on the hints given below:

- name
- age
- aim in life
- best friend
- favourite food
- 
- 

$\qquad$

- $\qquad$
- $\qquad$

Q4. Fill in the blanks with appropriate words:
I am a banker (a) $\qquad$ my work schedule is very hectic these days. I set my alarm for 7:30 a.m. (b)
$\qquad$ I can get ready on time (c) $\qquad$ leave in thirty minutes. I try to get to the office by 8:30 (d) $\qquad$ 8:45 a.m. The first thing I do in the office is to look at my calendar (e) $\qquad$ I don't want to miss out on any important meetings. (f) $\qquad$ I have a calendar on my phone I (g) $\qquad$ keep a paper calendar in case the battery of my phone dies. I am (h) $\qquad$ hard-working (i) $\qquad$ result-oriented. I get one paid leave per week. I usually prefer to take leaves on (j) $\qquad$ Mondays (k) $\qquad$ Wednesdays. (l)
$\qquad$ , I took a day off on Sunday this week as I was extremely tired.

## Worksheet 4

Q. 1 The following passage has not been edited. There is one error in each line. Identify the incorrect word and write the error and correction in the space provided.
$(1 / 2 \times 8=4)$

|  | Incorrect | Correct |
| :---: | :---: | :---: |
| England has been long famous for her dramatist, |  |  |
| the greatest of who was William Shakespeare. |  |  |
| It is hard to find the educated man in | c. |  |
| the English speaking world whom has not heard | d. |  |
| for his name. The actor and playwright |  |  |
| born more than 400 years ago had | f. |  |
| become a chief symbol of culture not only on Britain |  |  |
| but also with the entire world. | h. |  |

Q2. Rearrange the following words/phrases to form meaningful sentences.
a. why/bothering/don't you go/ instead of/and play/me?
b. is the/this/ children hear/refrain/their/during/summer holidays
c. in summers/things/worse/are/ cannot play in the/since/sun/children
d. indoor activities/they/keep/occupied/so/themselves/with/have to
e. learn/this time/children/activities/during/new/many

Q3. You have been given an opportunity to attend a talk show with an author of a famous children's book. Frame a set of five questions that you would like to ask him/her based on the following hints:
( $1 \times 5=5$ )

- age of falling in love with books
- inspiration to take up writing
- favourite author/writer
- favourite character
- essential traits required to be an author/writer
$\qquad$
- 
- 
- 


## Q4. Complete the following paragraph with appropriate words:

Tom Wilson (a)___ (be) an explorer. He (b) ___ (be) to nearly every country in the world. But the most exciting time he (d) $\qquad$ (ever have) was when he (e) $\qquad$ (go) to the jungle in Congo. A magazine had once asked him to retrace the route of a famous explorer who (f) $\qquad$ (disappear) in the 1920s. As he (g) $\qquad$ (follow) a stream, he got separated from his companions. He (h) $\qquad$ (go on) alone, hoping that he (i) $\qquad$ (find) them. Instead he (j) $\qquad$ (encounter) a group of natives. He stayed with them for several days and found out that an old woman (k) $\qquad$ (meet) the famous explorer ten years ago. She also knew about his plans of (l) $\qquad$ (continue) his journey. Tom was elated to get this important information.

## Experiential Learning

1. "Let the nature heal itself and you in the most natural ways, don't resist the natural healingcomplement it with self love."

Over the past few weeks, there have been a number of newspaper articles and reports of how nature is healing itself. Contribute towards it by planting a seed and watching it grow. Write the steps to planting a seed in your English notebook. Also make notes about your observation of its growth every week. (Word limt- 100 words). Remember to bring your plant to school when you return.
2. Read Lessons 1-4 of your Supplementary Reader 'The Jungle Book'. Depict any two scenes of your choice pictorially in your English notebook and alongside each picture, write a short summary of the scenes in about 100 words.
3. Based on the Unit- Travel of your Workbook, find ten idioms related to travel and write them in your English notebook along with their meanings.
4. Homophones are words that have the same pronunciations but different spellings and meanings.
Based on the Unit- The Natural World of your Workbook, frame sentences of your own using the given homophones to bring out the difference between them:
a. mite/might
b. bear/bare
c. bee/be
d. boar/bore
e. cygnet/signet
f. whale/wail
g. ewe/you
h. flea/flee
i. toad/towed
j. deer/dear
OR

Attempt the following crossword in your English notebook using the following hints:


## Across:

2. Farmers flee when they see swarms of $\qquad$ .
3. The black $\qquad$ was bored sitting alone.
4. This house might be infested with $\qquad$ .
5. $\qquad$ make honey which is known
6. Have you seen an $\qquad$ ?

## Down:

1. Dear, did you notice that golden
$\qquad$ ?
to be the oldest food in the world.
2. A
$\qquad$ wails in pain.

## Subject- Hindi

निर्देश - 1 दिए गाट्ट प्रश्नों के उत्तर अपनी उत्तर पुस्तिका में लिखिए।
2 कार्य स्च्छ, थुद्ध एवं स्पषष्ट लेख में कीजिए।
3 गतिविधि के रूप में दिए गए परियोजना कार्य के अन्तर्गत विडियो सुष्ट होना चाह्विस। इस क्रार्य के दौरान सामाजिक दूरसथता षवं स्वच्छता का विथेष ध्यान रखें।

## Worksheet-1

गतिविधि ः लॉक्र डाउन के दौरान आपके द्वारा घर के अन्दर खेले जाने वाले खेलो के विषय में अपने अनुभव लिखिए।

प्रश्न 1 निम्नलिखित अपठित गद्यांश पर आधारित प्रश्नों के उत्तर दीजिए ।
मणि ने स्कूल के गोट पर तेजी से काम किया। किसी की कलम छीनी, किसी की दवात और उन्हें तोड़ दिया।उसके आस-पास लड़कों की खुशी और उत्तेजना से भरी भीड़ थी। एक-एक चीज के टूटने पर खुशी की चीत्कार उठती थी। एक-दो छोटे बच्चों ने दबे स्वर में विद्रोह किया लेकिन मणि ने उनके हाथों से दवातें भी छीन ली। फिर ढक्कन खोलकर स्याही उन्ही के कपड़ों पर गिरा दी।इस काम में उसके सहायकों का एक छोटा- सा दल मी था,जिसमें स्वामीनाथन प्रमुख था।उस क्षण के उत्साह में आकर उसने अपनी दवात खुद अपने सिर पर उलट ली थी और बहती र्याही से उसके आँखों के नीचे काले घेरे पड़ गए थे।
1 मणि ने स्कूल गोट पर क्या किया? 2
2 इस काम में उसका सहायक कौन था? 2
3 बच्चों के विद्रोह करने पर मणि ने क्या किया? 2
4 'क्षण'व 'उत्तेजना'शब्द का वर्ण-विच्छेद कीजिए। 1

## प्रश्न 2 निम्नलिखित पठित गद्यांश्र पर आधारित प्रश्नों के उत्तर दीजिए ।

क्या यह संभव है कि कोई जंगल में घंटाभर घूमे और फिर भी कोई विशेष चीज न देखे मुझे जिसे कुछ भी दिखाई नही देता सैकड़ों रोचक चीजें मिलती है जिन्हें मैं छूकर पहचान लेती हूँ। मै मोज पं्र के पेड़ की चिकनी छाल और चीड़ की खुरदरी छाल को स्पर्श से पहचान लेती हूँ|वसंत के दौरान टहनियों में नयी कलियाँ खोजती हूँ|मुझो फूल की पंखुड़ियों की मखमली सतह छूने और उनकी घुमावदार बनावर महसूस करने में अपार आनंद मिलता है।इस दौरान मुझे प्रकृति के जादू का कुछ अहसास्स होता है। कभी जब मैं खुशनसीब होती हूँ तो टहनी पर हाथ रखते ही किसी चिड़िया के मधुर स्वर कानों में गुजने लगते है ।

$$
1 \text { लेखिका को किस चीज को छूने से खुशी मिलती है? } 2
$$

2 लेखिका पेड़ों को कैसे पहचान लेती है ?

4 'मधुर' शब्द का समानार्थी शब्द लिखिए। 1
5 'प्रकृति'शब्द का वर्ण-विच्छेद कीजिए।
प्रश्न 3 निम्नलिखित पठित पद्यांश पर आधारित प्रश्नों के उत्तर दीजिए।

अपने कर से खिला धुला मुख
धूल पोंछ सज्जित कर गात
माँ तू क्यों नही सुनाती
हमें सुखद परियों की बात्।
ऐसी बड़ी न होऊ नै
तेरा स्नेह न खोऊँ नै
तेरे अंचल की छाया में
छिपी रहूँ निस्पृह निर्भय
कहूँ दिखा दे चंद्रोदय।
1 इस कविता में किसकी बात की जा रही है ? 2
2 बच्ची बड़ी क्यों नहीं होना चाहती ? 2
3 'अंचल' शब्द का वर्ण-विच्छेद कीजिए। 1
4 'परियाँ'शब्द में से मूल और प्रत्यय अलग कीजिए। 1

## Worksheet-2

गतिविधि- भारत की विभिन्न भाषाओं में 'नमस्ते' थब्द को लिखते हुप्ट एक्र सुंदर कीलाज़ बनाइए। प्रश्न 1 रिक्त सुथानों की पूतिं उचित भाववाचक्र संज्ञा शब्दों से कीजिए -
1 ...... अनमोल धन है। (मित्र)
2 राधा के गाने में बहुत ......... था। (मधुर)
3 आम में ......... है। (मीठा)
4 ताजमहल की......... देखकर अमित दंग रह गया। (सुंदर)
प्रश्न 2 उचित थब्दों द्वारा रिक्त स्थानों की पूर्तिं कीजिए -
1 .........वह शारचन्र है, जो भाषा के शुद्ध रूप का ज्ञान कराता है।
2 भाषा के लिखने को ढंग को......... कहते है।
प्रश्न 3 निम्नलिखित वाक्यों में उचित सर्वनाम थब्दों की भरिए -
1 $\qquad$ .मेरी बात नही मानती।
2 नानी जी ने $\qquad$ कहानी सुनाई।

3
........गलती की है, वही भुगतेगा।

4 बाहर $\qquad$ .बुला रहा है।
प्रश्न 4 निम्नलिखित संख्याओं की शब्दों में लिखिए-
$\begin{array}{llllllll}7 & 16 & 17 & 19 & 20 & 22 & 25 & 30\end{array}$
प्रश्न 5 निम्नलिखित मुछावरे और लोक्रोक्ति की वाक्यों में प्रयोग कीजिए-
1 अगर-मगर करना 2 अक्ल पर पद्थरच पड़ना
3 अम्त भले का भला 4 अपना हाथ जगन्नाथ
प्रश्न 6 मई और जुलाई के महीने क्रो ह्रिन्दी महीनों में क्रिस्स नाम से जाना जाता है ? ( $1 \times 2=2$ )

## Worksheet-3

गतिविधि - गर्मी के मौस्सम में अपने प्रिय खाद्य पवं पेय पदार्थो की सूपी बनाकर चित्र सह्वित स्कैप बुक्र या थीट में चिपक्राइए ।
प्रश्न 1 निम्नलिखित प्रश्नों के उत्तर दीजिए-
1 हिमालय की यानाता में लेखक ने नदियों के बारे में क्या कहा है? गंगा ,यमुना ,सतलुज और ब्रह्नमुः्र नदियों को मानचित्र में दर्शाइए.
2 दादी माँ का स्वभाव कैसा था? आप अपनी दादी नाँ या नानी नाँ के स्वभाव का वर्णन कीजिए?
3 कहानी में मिठाईवाला अपने दुख को कैसे कम करता था? क्या आपने भी किसी को दुख को कम करने का प्रयास्स किया है उसके विषय में लिखिए।
4 मिठाईवाला अलग-अलग चीजें क्यों बेचता था? फेरी वालों को देखकर आपके मन में क्या विचार आते है ?
5 पाठ के आधार पर बताइए कि कठपुतली को गुर्स्सा क्यों आया? क्या आपको भी किसी घटना को लेकर कोध आया है? तब आपने-अपने कोध पर काबू कैसे पाया लिखिए।
6 हर तरह की सुविधा पाकर भी पक्षी पिजरे में बंद क्यों नही रहना चाहते है? इसी तरह आप भी आज घरों में बन्द है आप कैस्सा महसूस करते है लिखिए।
7 काका कालेलकर ने नदियों को लोकमाता क्यों कहा है? अपने जीवन में अपनी माता की भूमिका बताइए।
8 आपने इस कहानी में महीनों के नाम पढ़े जैसे - क्वार, आषाढ़, माघ इन महीनों में मौसम कैसा रहता है लिखिए।
9 देववर्रत का नाम भीष्म क्यों पड़ा? माता पिता द्वारा दिए गये नाम क्या आपको अच्छे लगते हैं? हाँ या नही में उत्तर कारण सहित लिखिए।
10 द्रोणाचार्य कौन थे? उस समय के और आज के समय के शिक्षक में क्या अन्तर महसूस करते है लिखिए ।

## Worksheet 4

गतिविधिः लॉकडाउन के स्समय में अपनी किस्सी एक दिन की लाभदायक्र गतिविधियों का 2 मिनट का विडियो बनाइए।
प्रश्न 1 कोरोना योदधाओं को धन्यवाद देते हुष्ट 80 सो 100 थब्दों में एक्र अनुच्छेद लिखिए।

प्रश्न 2 अपनी स्सखी को उस्सके जन्मदिन पर उपद्धिथित न होने का कारण बताते हुप्ट पत्र लिखिए।

प्रश्न 3 आपक्ष विद्यालय में फ़्रबॉल मैच होने वाला है।इसके प्रचार प्रस्तार हेतु विज्ञापन तैयार्ट कीजिए।
$(3 \times 1=3)$
प्रश्न 4 वर्तमान पर्टिस्द्थितियों में विद्यालय न जाने की स्समस्या के बाने में दो मित्रों के बीच हुई बानचीत को 70 से 80 थब्दों में स्संवाद को रूप में लिखिए।
प्रश्न 5 दिष ग्ट संकेतों के आधार पर कहानी लिखिए-
बहुत समय की बात है... एक साहूकार ने कुछ गाय खरीदी.........साहूकार का चलना......रास्ते में ठठों का मिलना......... ठठों द्वारा गाय को बकरी कहना......साहूकानार का भरोस्सा न करना $\qquad$ दूसरे व्यक्ति द्वारा भी गाय को बकरी कहना .........अम्त में साहूकार का गाय को छोड़कर भागना. ठगों द्वारा गाय को लेकर भागना........शिक्षा।
प्रश्न 6 दिस गट्ट चित्र का 60 से 70 थब्दों में वर्णन कीजिस-


## Subject: Mathematics

Instructions - Do all the worksheets in Math notebook

## Worksheet - 1

## Choose the correct option (Q1- Q5) :

Q1 The value of $5 \div(-1)$ does not lie between:
(a) 0 and -10
(b) 0 and 10
(c) -4 and -15
(d) -6 and 6

Q2 Which has the greatest quotient :
(a) $-20 \div(-5)$
(b) $-20 \div 5$
(c) $20 \div(-4)$
(d) $20 \div 4$

Q3 Which of the following on simplification is not negative ?
(a) $-8-(-4)+5$
(b) $7+(-11)-5$
(c) $-4-2+(-8)$
(d) $-10-(-2)+4$

Q4 The next number in the pattern $-62,-37,-12 \ldots$ is
(a) 25
(b) 13
(c) 0
(d) -13

Q5 Sum of two numbers is -24 . If one of them is -12 , then the other number is:
(a) -12
(b) 12
(c) -36
(d) 36

Q6 A diver descends 20 feet in the water from the surface of a lake. He then ascends 12 feet and descends another 18 feet. At this point what is his depth in water from the surface of the lake? Express your answer in cm .

Q7 Evaluate the following using suitable property:
(a) $65129 \times 99-(-65129)$
(b) $8792 \times 997-(792 \times 997)$
(c) $115 \times(-98)$

Q8 Verify $\mathrm{ax}(\mathrm{b}-\mathrm{c})=\mathrm{axb}-\mathrm{axc}$ by using examples of three integers $\mathrm{as} a, b$ and c .
Q9 Find the value of following:
(a) $(-5) \times 6 \times(-7) \times(-20)$
(b) $-400000 \div(-800)$
(c) $[-30-(-18)] \div[19+(-13)]$

Q10 In a test, (+4) marks are given for every correct answer and ( -2 ) marks for every wrong answer.
Rohit answered all the questions and scored 68 marks. He got 25 answers correct. How many questions did he attempt incorrectly?
Q11 Eighteen integers are multiplied together. What will be the sign of the product, if:
(a) 15 of them are negative and 3 are positive?
(b) 9 of them are positive and the remaining are negative?
(c) all are negative.

Explain with examples.
Q12 A shopkeeper earns a profit of Re. 1 by selling a pencil and a loss of 20 paisa by selling an eraser.
(a) In a given day he incurred a loss of Rs. 10. On this day, he sold 35 pencils. How many erasers were sold on this day?
(b) Next day, he earned a profit of Rs. 25 . On this day, he sold 100 erasers. How many pencils did he sell?

## Q 13 Bar Graph:

List out birth years of your family members at least 7 . Write them in tabular form and draw a bar graph choosing an appropriate scale.

Q14 Collect and write down the temperatures of any five cities of India in a tabular form. Draw a number line and represent the temperatures on that. From the number line, answer the following questions:
(a) Find the temperature difference between the hottest and the coldest cities.
(b) Write the temperatures of cities in descending order.
(c) Find the sum of all temperatures.

Q15 Solve the following puzzle on integer multiplication:


Worksheet - 2

## Choose the correct option (Q1- Q5) :

Q1 One side of a square is $2 / \mathrm{a}$, its perimeter is :
(a) $4 / \mathrm{a}$
(b) $4 / a^{2}$
(c) $8 / \mathrm{a}$
(d) $8 / a^{2}$

Q2 Which of the fractions is not equal to the other three ?
(a) $2 / 5$
(b) $26 / 65$
(c) $14 / 35$
(d) $34 / 68$

Q3 What is $1 / 4$ of 20 ?
(a) 5
(b) 10
(c) 20
(d) 4

Q4 Find $(2 / 5+3 / 5) \div(7 / 5-4 / 10)$
(a) 1
(b) 0
(c) $3 / 5$
(d) $5 / 7$

Q5 Reciprocal of $7 \frac{1}{3}$ is :
(a) $3 / 23$
(b) $3 / 22$
(c) $4 / 21$
(d) $7 / 29$

Q6 Simplify the following fractions :
(a) $\frac{1}{2}-\frac{1}{4}+\frac{5}{8}$
(b) $5 \frac{1}{2}-3 \frac{2}{3}$

Q7 Simplify the following fractions:
(a) $7 \frac{1}{5} \times 6 \frac{1}{4}$
(b) $16 \div \frac{4}{5}$
(c) $1 \frac{1}{2} \div 1 \frac{3}{5}$

Q8 A ribbon of length $5 \frac{1}{4} \mathrm{~m}$ is cut into small pieces, each of length $3 / 4 \mathrm{~m}$. Find the number of pieces of ribbon.
Q9 Find the perimeter of an isosceles triangular sheet whose base is of length $5 \frac{1}{4} \mathrm{~m}$ and length of one side is $5 \frac{2}{3} \mathrm{~m}$.

## Q 10 Supermarket sale

In the super market there are five shopkeepers A, B, C, D, E. If shopkeeper A sells $2 / 3$ of his products in a day, B sells $3 / 7$ of the products, C sells $4 / 5$ of the products in a day, D sells $5 / 6$ of the products in a day and E sells $7 / 8$ of the products in a day, then who sells more products in a day? Cut 5 equal circles and represent each fraction on the circle and find the largest and smallest fraction.

Q11 Solve the following and reduce to the simplest form:
(a) $\left(2 \frac{2}{7} \div 4 \frac{1}{7}\right)+1 \frac{3}{7}$
(b) $\left(4 \frac{1}{11} \div 4 \frac{1}{11}\right)+3 \frac{2}{11}$

Q12 Biscuits occupy 7/8 th of the volume of their packet. The remaining $1 / 8$ is unused. It is decided to re-design the packet so that the amount of unused space becomes $1 / 7$. What fraction of the packet will the biscuits take up now? What fraction of unused space is increased?

Q13. $\frac{3}{5}$ of a road is to be resurfaced.If the road is $2 \frac{3}{5} \mathrm{~km}$ long, what length in Kms is to be resurfaced?

Q14 Write the number of hours (per day) that you spend on different activities during the vacations in the form of the table given below.

| Activities | No of hours <br> spent | Fraction of <br> the day | Lowest form |
| :--- | :--- | :--- | :--- |
| Studying |  |  |  |
| Playing games |  |  |  |
| Reading |  |  |  |
| Sleeping |  |  |  |
| Helping <br> parents |  |  |  |
| Watching TV |  |  |  |

Write the fractions in ascending order.
Q15 Represent the following product of fractions in pictorial form using any geometrical shape :
(a) $2 \times 2 / 5=4 / 5$
(b) $2 / 7 \times 3=6 / 7$

## Worksheet - 3

## Choose the correct option (Q1- Q5) :

Q1 $213+2.013+0.213+2.0013$ equals
(a) 217.2273
(b) 21.72273
(c) 2172.273
(d) 217.2773

Q2 Choose the decimal equivalent for the fraction $3 / 4$
(a) 0.25
(b) 0.10
(c) 0.75
(d) 0.625

Q3 If $213 \times 16=3408$, then $1.6 \times 2.13$ equals
(a) 0.3408
(b) 34.08
(c) 3.408
(d) 340.8

Q4 $0.05 \times 5-0.005 \times 5$ equals
(a) 2.250
(b) 0.225
(c) 0.0225
(d) 0.275

Q5 The result of adding the difference of 3.003 and 2.05 to their sum is:
(a) 6.006
(b) 60.06
(c) 600.6
(d) 0.6060

Q6 Multiply the following decimals:
(a) $52.8 \times 0.007$
(b) $0.0000078 \times 1000$
(c) $0.0095 \times 81.7$

Q7 Divide the following decimals:
(a) $9.7 \div 100$
(b) $20.202 \div 74$
(c) $18.21 \div 0.003$

Q8 Express the following as directed:
(a) 8.54 m to mm
(b) 9 Km 45 m to Km

Q9 Sadhana bought 13.5 litres of refined oil for Rs.1328.4. Find its cost per litre.
Q10 By how much is 7486 cm greater than 8597 mm ? Give your answer in metres.
Q11 A book case is 2.38 m tall and the height of each shelf is 34 cm . How many shelves are there? (2)

## Q12 Plan your junk food

Take a packet of wafers and list out the ingredients with their weights and calories.

1. Find the total calories consumed.
2. Convert the weight of each ingredient in fraction and then decimal.
3. Why should we avoid junk food? Name any two healthy foods.

Q13 Measure the length and breadth of three rectangular objects (e.g. table top ,tv screen) and find their area and perimeter.
Q14 Represent the following product of decimals in pictorial form by making a square grid of $10 \times 10$ (Use two different colours)
(a) $0.2 \times 0.4$
(b) $0.3 \times 0.5$

Find the product in each case and write your observations.

## Q15 Tangram activity

Draw a big square. Convert it into four small squares by paper folding activity. Now we can see each part is $1 / 4$ of the whole. Again you can divide figure into other parts as directed in the figure and find the value of each part.


## Choose the correct option (Q1- Q5) :

Q1 How much more is $1 / 2$ of $2 / 3$ than $3 / 4$ of $1 / 3$ ?
(a) $1 / 4$
(b) $1 / 3$
(c) $1 / 12$
(d) $7 / 12$

Q2 Which of the following are not a pair of reciprocals?
(a) $3 / 8,16 / 6$
(b) $3 / 8,2 \frac{2}{3}$
(c) $5,1 / 5$
(d) $7 / 9,21 / 27$

Q3 Evaluate [ $18+(-18)] \div(-20)$
(a) 1
(b) -1
(c) 0
(d) 20

Q4 0.089 m in cm is :
(a) 89
(b) 8.9
(c) 890
(d) 0.89

Q5 The product of two decimals is 136 . 369. If one of them is 2.65 , the other is
(a) 5.146
(b) 514.6
(c) 51.46
(d) 0.5146

Q6 Fruit Basket

## Complete the following data:

S.No. Fruit name Price/kg in current week Price/kg in previous week Mean price

1. Apples
2. Bananas
3. Mango
4. Melon
5. Watermelon

Which of the fruit shows -

1. Maximum difference in price of current week and price of previous week?
2. Minimum difference in price of current week and previous week?
3. Find the mean price of each fruit in both weeks.

Q7 Simplify and compare the following using the symbols ( $<,>$ or $=$ ) :
$(-2-5) \times(-6)$ and $(-2)+(-5) \times(-6)$
Q8 A submarine left the surface of the water at the rate of -2 metres per second. At that rate, how long would it take the submarine to reach -60 meters level?
Q9 One can of juice contains 330 millilitres. How many litres of juice is there in a pack of dozen cans?

Q10 Verify that $a \div(b+c) \neq(a \div b)+(a \div c)$ by using three examples of integers as $a, b$ and $c$.
Q11 A company can repair $2 \frac{1}{5} \mathrm{Kms}$ of road in a day. How many days will it take to repair a road $24 \frac{3}{5} \mathrm{kms}$ long?

Q12 Prepare a magic square of $3 \times 3$ for integers (i.e. sum of integers in rows, columns and diagonals are same).
Q13 Find the average of 4.6, 7.46, 2.31, 9.6 and 10.
Q14 Take two positive and two negative integers. Make different arrangements of these integers and add them in different ways. What do you observe after adding? Write your observations.
Q15. The average height of 30 boys was calculated to be 150 cm . It was detected later that one value of 165 cm was wrongly copied as 135 cm for the computation of the mean. Find the correct mean.

## Subject: Science

## Objective:

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


## Instructions:

- Attempt the questions keeping in mind the weightage of each question.
(1) Answer the 1 mark 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 answers in your note books neatly.
- Activity 2 and 3 should be completed on the blank side of the interleaf notebook.
- Activity 1 and 4 - Take a picture while doing the activity and at the end with the final outcome. Send it along with the homework.
- Mail the above homework as a scanned pdf of your notebooks.


## WEEK 1

## L-1, Nutrition in Plants

## Activity 1

Germinate a few moong seeds in two containers. Keep container 1 in complete darkness and container 2 in the presence of light. Water both the pots only at night. Observe the seedlings after three days. Now expose container 1 to sunlight.
a) Which seedling seems to lack chlorophyll?
b) Which seedling look healthier?
c) Which of the seedlings will be able to make their own food?
d) Do the seedlings kept in dark become green on exposure to light?
e) What do you learn at the end of this activity?

## Worksheet 1

1. Leaves are called the kitchen of the plant. We too prepare food in the kitchen. Are we autotrophs too?
2. Water a potted plant daily. How does water reach the leaves while you water the roots?

Explain.
3. When we observe the lower surface of a leaf through a magnifying lens we see numerous small openings. What are these called and what is their function?
4. Potato and ginger are both underground parts that store food. Where is the food prepared in these plants?
5. Green colour plants can prepare their own food as they contain chlorophyll. Pitcher plant is green in colour and can perform photosynthesis. Why does it feed on insects?
6. Sunlight, chlorophyll, carbon dioxide, water and minerals are raw materials essential for photosynthesis. Fill in the blanks showing the availability of the raw materials.
(a) Available in the plant : $\qquad$
(b) Available in the soil : $\qquad$ , $\qquad$
(c) Available in the air: $\qquad$
(d) Available during day : $\qquad$
7. Monu is a poor farmer who cannot spend money on buying fertilizers. Suggest a method that would increase the fertility of his farmland naturally.
8. We often see green coloured substances floating on stagnant water.
a) What are they called?
b) What is their mode of nutrition?
c) They do not have leaves, roots or stems, how are they able to prepare their food?
9. You must have seen the yellow wire like plants growing on other plants in the area where buses are parked outside your school. They are without leaves and lack chlorophyll.
a) Name the plant.
b) How do these plants get their nutrition?
c) What happens to the plant on which they grow?
10. On Friday, you forgot your lunch box at school. When you opened it on Monday, you found that it had some blackish brown cottony stuff in it.
a) What are these organisms called?
b) How do these organisms get their nutrition?

## WEEK 2

## L-2, Nutrition in Animals

## ACTIVITY 2

Make a list of five animals and their feeding habits. Based on your observation fill in the following table.

| Sno. | Feeding habit | Animals |
| :--- | :--- | :--- |
| 1. | Sucking |  |
| 2. | Chewing |  |
| 3. | Swallowing |  |
| 4. | Cutting/tearing |  |
| 5 | Nibbling |  |

## Worksheet 2

1. Hydrochloric acid secreted in the stomach is strong enough to kill bacteria that enter along with food. How is the inner lining of the stomach protected from the action of hydrochloric acid?
2. A patient got his gall bladder removed surgically as he was diagnosed with stones in his gall bladder. Post the surgery, he faced problems in digestion of certain nutrients when consumed in bulk. Name the nutrients and state the reason for his discomfort.
3. Sonia took some grains of boiled rice in test tube ' $A$ ' and Madhur took chewed boiled rice in test tube ' $B$ '. Both of them poured $1-2$ drops of iodine solution into the test tubes and observed the colour change. In which test tube would the colour change? Why?
4. Your friend and you were eating your food fast so that you could go out and play during the recess. Suddenly, she started coughing. Give reasons.
5. During the Cross Country Race the participants are given glucose powder. What role does the glucose play once it enters our body?
6. On a visit to a dentist with your mother, you saw the following picture.

a) Identify the types of teeth (A, B, C\& D).
b) What are the functions of A \& B type of teeth?
7. You were blindfolded and asked to identify the drinks provided in two different glasses. You could identify drink $A$ as lemon juice and $B$ as a chocolate drink.
i) How could you do this in spite of being blindfolded?
ii) Observe the areas mentioned in the given figure. Accordingly match the food items in column $A$ with the areas of specific tastes in column $B$.

Column A
Pudina chutney
Jalebi
Pakora

## Column B

2
3
1
(2)

8. Your cousin could not understand the process of digestion and the role of certain organs. He showed you the following picture. Help him to identify the organs and their functions.

a) Name the organs $P, Q, R \& S$.
b) Write the function of the organ Q .
9. You come across many herbivores like cows, buffaloes and goats. We see them chewing something continuously even when they are not feeding.
a) What are these animals called?
b) What are they chewing continuously?
c) Name the carbohydrate that can be digested by them and not by us?
10. We see a variety of organisms around us which have specific mode of feeding and have specific organs for movement.
a) Are there any organisms which do not have a specific shape? Name them.
b) How do they identify their food?
c) Do they have some specific structures to move or feed?

## WEEK 3

L-4, Heat

## ACTIVITY 3

Using a clinical thermometer, measure the body temperature of at least 4 persons and complete the table.

| Name | Age | Temperature |
| :--- | :--- | :--- |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| Total body temperature |  |  |

a) Do all of you have the same body temperature?
b) What is the unit of temperature? $\qquad$ .
c) What is normal human body temperature?

## Worksheet 3

1. In a mercury thermometer, the level of mercury rises when its bulb comes in contact with a hot object. What is the reason for this rise in the level of mercury?
2. You may have noticed that a few sharp jerks are given to clinical thermometers before using it. Why is this done?
3. Why is it advised not to hold the thermometer by its bulb while reading it?
4. Why does a clinical mercury thermometer have a kink?
5. A rickshaw puller wrapped himself in a few layers of newspaper on a cold winter night. This helped him to keep warm. Give reasons.
6. While constructing a house in a coastal area, in which direction should the windows preferably face and why?
7. Shopkeepers selling ice-blocks usually cover them with jute sacks. Explain.
8. At a camp site there are tents of two shades - one made with black fabric and the other with white fabric. Which one would you pick to rest under on a hot summer afternoon? Give reasons for your choice. Would you choose the same tent during winter?
9. When we place an ice cube on a plastic block and an aluminum block, the one on the aluminum block melts faster than the one on the plastic block. Why?
10. Identify the modes of heat transfer in the following pictures $\mathrm{A}, \mathrm{B} \& \mathrm{C}$. Give reasons to support your answer.


## L-5, Acids, Bases and Salts

## ACITVITY 4

Take turmeric powder in a bowl. Add water to make a paste. Smear the paste evenly over a paper and let it dry. Use a cotton ear bud to draw a flower/design on the dried paper, once with vinegar and then with soap water.
a) What do you observe?
b) Now try using water or sugar solution. What do you see?
c) Why do you think water or sugar solution show no effect on turmeric paper?

## Worksheet 4

1. You dropped curry on your $t$-shirt while eating. Your mother tried to wash the $t$-shirt immediately. She could not understand why the turmeric stain turned red on washing with soap. What explanation will you give to your mother for this?
2. You ate a lot of spicy and oily food during a birthday party. After some time you felt a burning sensation and pain in the stomach. Your friend advised to drink orange juice. Is it advisable to drink orange juice in this situation and why?
3. Your mother always advises you not to eat sweets after brushing your teeth at night. What will happen if you sleep without brushing your teeth after consuming sweets?
4. While playing in a park, a child was stung by a wasp. Someone suggested that applying a paste of baking soda would help while others thought lemon juice was the remedy. Which remedy do you think is appropriate and why?
5. A farmer was unhappy because of his low crop yield. He discussed the problem with an agricultural scientist and realised that the soil of his field was either too acidic or too basic. What remedy would you suggest to the farmer to neutralise the soil?
6. Paheli observed that many of the fish in the pond of her village were gradually dying. She also observed that the waste of a factory in their village is flowing into the pond.
(a) Explain why the fish were dying?
(b) How can the factory waste be neutralised?
7. X is present in the stomach. However, presence of excess of X causes indigestion, which requires the intake of magnesium hydroxide (in water) to undo its effect. What is $X$ ? What is this process called?
8. Pihu is testing the nature of various substances present in her home. She recorded her observations in the following table.

| Sno | Solutions | Blue litmus to red | Red litmus to blue | Inference |
| :--- | :--- | :--- | :--- | :--- |
| 1. | Amla | yes | no | Base |
| 2. | Window cleaner | no | yes | Acid |
| 3. | Tea | yes | no | Base |
| 4. | Sugar solution | no | no |  |
| 5. | Water | no | no |  |

i) What type of solutions are water and sugar?
ii) Are all the inferences correct? Help her to write the correct outcomes.
9. You are provided with three test tubes $\mathrm{A}, \mathrm{B}$ and C with different liquids. When you put a China Rose indicator in the three test tubes you observe that
i) the liquid in the test tube A does not change its colour.
ii) the liquid in the test tube B changes to magenta.
iii) the liquid in the test tube $C$ changes to green.

Identify the nature of liquids in each of the test tubes.
10. You are provided with three test tubes A (salt solution), B(lassi) and C(dish washer) .

What will you observe when you put
(a) a piece of blue litmus paper in each test tube.
(b) a few drops of turmeric solution in each test tube.
(c) a few drops of china rose solution to each test tube.

## Subject: Social Science

## General Instructions:

The work should be done neatly and in a systematic way.
$>$ The given assignments are to be done in a separate interleaved red notebook.
$>$ Write all the questions along with the answers.
$>$ Maps and the diagrams are to be pasted/done on the plain side of the notebook.
$>$ Questions 1-4 are to be answered in 20 to 40 words.
$>$ Questions 5-8 are to be answered in 60 to 80 words.
$>$ Question 9 is project based. It needs to be answered accordingly.

## Worksheet 1

## Answer the following questions:

Q1. Why did the northern plains serve as an important seat of political control in Medieval India? 2
Q2. In what ways has the meaning of the term 'Hindustan' changed over the centuries. 2
Q3. 'Democracy and freedom go hand in hand'. Do you agree? Why or why not? 2
Q4. Write four steps taken by the Indian Government to promote democracy. 2
Q5. Identify how direct democracy is different from representative democracy.

Q6. 'Earth is a fascinating and an extraordinary planet'. Explain in your own words.
Q7. All components of natural environment depend on each other. Support this with reasons.
Q8. Discuss major components of our environment with the help of a G.O. Give examples for each.

## Project Work

Q9. How many monuments located in your region belong to the medieval period? Choose any one preferably one that you have visited in the past - and look up information on it and write a report including the following:

- Location
- When was it built
- Architecture type
- Historical importance
- Material used
- Effect of climatic change


## Worksheet 2

## Answer the following questions:

Q1. Why was Kannauj an important region and cause of struggle between different dynasties? 2
Q2. Write a short note on the Gurjara Pratiharas. 2
Q3. What do you mean by the term 'Rajput'? Mention some of the important Rajput clans. 2
Q4. What do you understand by the term 'democracy'? Explain its origin. 2
Q5. How would the course of history have been different if Prithviraj Chauhan had won the Second Battle of Tarain against Muhammad Ghori in 1192 CE? 3
Q6. Distinguish between the sial and sima layers in the crust. 3
Q7. The structure of the earth is divided into concentric layers. Elaborate with a diagram. 3
Q8. Inner core of the earth is in the solid form though the temperature there is very high. Why? 3

## Project Work

Q9. Look up information on two non-democratic countries in the world. Include the following points to make your research interesting.

- geographical location
- present form of government in the countries
- Movement for democracy in the countries, if any
- Public opinion in the countries (whether the people are happy or unhappy with the present form of government
List any three differences in democratic and non-democratic country on the basis of your research


## Worksheet 3

## Answer the following questions:

1. How did the new capital city get the name 'Gangaikondacholapuram'? 2
2. Find out the Architectural specialty of the Kailasa Temple built by Krishna I, the Rastrakuta ruler.2
3. Why are rocks and minerals useful to us? ..... 2
4. Why should caste and religious sentiments not allowed to play an important role in elections in democracy?
5. Why do you think agriculture increased during the Chola period?
6. What were the main features of the Chola administration? Find out which inscription reveals information about the Chola Administration.
7. Make a colourful diagram of rock cycle and explain its working. 3
8. Why do you think a political party is called the soul of democracy?

## Project Work

Q9. India is a democratic country. We have been given certain rights \& duties.

- As a student, write about your duties towards your school, family and society (three each).
- In this present scenario list five responsibilities taken over by you.


## Worksheet 4

## Answer the following questions:

1. Why was Razia not accepted as a Sultan in spite of being capable? 2
2. How did Qutb-ud-din Aibak become the ruler of Delhi? Why was he also called 'Lakh Baksh'? 2
3. What are lithospheric plates? How much do lithospheric plates move in a year? 2
4. What is more important in a democracy-all citizens have equal voting rights or all citizens have food, clothing and shelter.
5. Why did Balban introduced the customs of 'sijad' and 'piabos'? Why was it not acceptable to the people?
6. Why were Indian temples plundered by Muhammad Ghazni?
7. In which type of rocks do we find fossil remains of plants and animals? How are they formed? 3
8. Social and economic equality are the core value of democracy. Comment.

## Project Work

Q9. Explore and find out about any three active volcanoes in the world. Include the following points in your research

- Location
- Last eruption
- Effects of its eruption on the surroundings and environment.
- Hazards
- Precautions


## Subject- Sanskrit

| स्सामान्य निर्देश - | 1 दिस गाट्ट प्रश्नों के उत्तर अपनी उत्तर पुस्तिक्ता में लिखिए। <br> 2 स्सभी प्रश्नों के उत्तर पूर्णवाक्य में लिखक्र रिक्त सथार्नो की रेखांक्रित कीजिए। <br> 3 कार्य स्ववच्छ, थुद्ध षवं स्पष्ट लेख में कीजिए। <br> 4 गतिविधि के रूप में दिए गाष्ट परियोजना क्रार्य के अन्तर्गत बनाया गया ऑंडयो या वीडियो सुपष्ट होना चात्विद्य इस कार्य के दौरान सामाजिक दूरसृथता षवं स्चच्छता का विशेष ध्यान रखें। |
| :---: | :---: |

## Worksheet - 1

गतिविधि - 'मम परिचय' अपने विषय में पाँच वाक्य स्संस्तकृत में लिखिए।

## प्रश्न 1 अधोलिखितं गद्यांशं पठित्वा प्रश्नान् उत्तरत -

अरम्माकं देशे प्राकृतिक शोभा अतीव मनोहारी रमणीया च भवति। एकर्मिन वर्षे द्वादश मारसा॰ भवन्ति |वर्षरचय द्वादश मार्से कमशः षड्र ॠतवः आयन्ति। एते ॠतवः समयानुसारेण आगच्छन्ति । वर्षस्य द्वादश मानेषु वैशाख माने पृथ्वी॰ तप्ता भवति। उष्णवायो॰ प्रवाहेन सर्वे जनाः पशा॰ पक्षिणः च संतप्ता॰ भवन्ति। सरिता॰ ,जलाशया॰ च शुष्यक्ति। सर्वे प्राणिनः व्याकुला॰ भवन्ति।जलं वाष्पीभूय आकाशां प्रति गच्छति। आषाढ़ मास आरक्भे सागरात् मेघाः प्रादुर्भवन्ति तदा आगच्छति वर्षाक्लालः। वर्षा काले सर्वतः मेघाः आकाशम् आच्छादयन्ति । गठने एकत्रीभूताः जलदाः गर्जनं कुर्वन्ति, वारं- वारं पतन्ति। बालाः वृद्धाः च सर्वे जनाः प्रसीदन्ति । वर्षा अनन्तरं
 ते। तडागानाम् नदीनाम् वा तटेषु उपविष्टाः बका॰, सारसा॰, हंस $\%$ च जलकीडां कुर्व न्ति । गगनमण्डले मेघानाम् समूहं दृष्ट्वा मयूरा॰ नृत्यन्ति । मेघानाम् मध्ये इन्द्रधनुषरय शोभा अतीव रमणीया भवति । शीतलः सुखदः च समीनः प्रवहति।वर्षया भूमिः कोमला कृषियोग्या च

भवति|कृषका॰ क्षेत्रेषु धान्यानां बीजानि वपन्ति । वर्षा कृषकाणाम् अतिप्रिया अवति।परन्तु महती वर्षा हानिकरा भवति।
1 एक्र पदेन उ़त्तरत -
(क) अस्माकम् देशे प्राकृतिक शोभा कीदृशा अवति ?
(ख) एकस्मिन् वर्षे कति मास्सा॰ भवन्ति?
(ग) पृथ्वी कदा तप्ता अवति ?
(घ) जलम् वाष्पीभूयः कम् प्रति गच्छति
2 पूर्णवाक्येन उत्तरत -
(क) उष्णवायो॰ प्रवाहेन किम् भवति?
(ख) वर्षाकालः कदा आगच्छति ?
3 निर्देशानुस्सारेण उत्तरत -
(क) 'शीतलः समीटः ' इति पदयो॰ प्रयुक्तं विशेषण विशेष्यं पदं च लिखत।
(ख) ' कोमला' ' सुखद॰' इति पदयो॰ विलोम पदम् गद्यांशात् चित्वा लिखत।

## प्रश्न 2 अधोलिखितं गद्यांशं पठित्वा प्रश्नान् उत्तरत -

दक्षिण सागर मध्ये एकं लघुद्वीपं वर्तते। तर्मिन् द्दीपे सागर तरंगे क्षाल्यमानं प्राचीनं नगरं कन्याकुमारी इति अस्ति । एषा कन्याकुनारी त्रयाणां सागराणां संगमस्थली।समुद्रजले प्रतिबिम्बितं सूर्योदयस्यय दृश्र्यम् अद्भुतम् एव। सूर्यास्य कमशः अरूणा पीता धवला च शोभा दर्शकान् मन्त्रमुधान् करोति। सागरचस्य लहरीभि॰ क्षिपतानां चित्र विचित्रवर्णनां शुक्तीनां वृष्टिः इव भवति।जलधितटे स्थितैः नारिकेल कदली पाद廿ै॰ परिवृता इव एषा नगरी। एकदा स्वामिविवेकानन्दः समुद्रजले स्थितायाम् एकस्यां बृहत् शिलायाम् उपविष्टः ह्रीणि दिनानि ध्यानमगनः जातः। एतर्यां शिलायाम् एव अधुना विवैकानन्दकेन्द्रं विकसितम् अस्ति। अन्र आगत्य साधका॰ ध्यानं साधनां च कृत्वा जीवनं सफलं कुर्वन्ति।

1 एक्र पदेन उुत्तरत -
(क) दक्षिण सागर मध्ये किम् वर्तते ?
(ख) कन्याकुमारी केषाम् संगम स्थली?
(ग) समुद्रजले प्रतिबिम्बितं कस्य दृश्यम् अद्भुतम्?
(घ) स्वामिविवेकानन्दः कति दिनानि ध्यानमग्नः जातः?
2 पूर्णवाक्येन उत्तरत -
(क) कन्याकुमारी कुत्र अस्ति?
(ख) विवेकानंद केन्द्रम् आगत्य साधका॰ किम् कुर्वन्ति?
3 निर्देशानुस्सारेण उत्तरत -
(क) 'सागररस्य' पदे प्रयुक्तं विभक्ति वचनं च लिखत।
(ख) 'प्राचीनं नगरं' पदयो॰ विशेषण विशेष्यं पदम् पृथकं कृत्वा लिखत।

## Worksheet - 2

गतिविधि -
1 अपने घर में उपलब्ध वस्तुष̆ दिखाते हुष एक्र से दस्स तक्र स्संख्यावाची शब्द स्संर्टृत में बोलते हुष्ट एक वीडियो बनाइए।
उदाहरणतः — Еक्रम् पुर्तक्तम् ।
 ही मह्विमा दिखाई देती है। बैस्से ही जल और सूर्य की शक्ति का अनुभव करने हेतु गमले में एक्र पौधा लगाकर उस्सके होते हुप्ट विक्रास्त के विषय में पॉँच पंक्तियो स्संस्कृत में लिखिए।

प्रश्न 1 चित्रं दुष्टवा मश्जूषायां प्रदत्त पदानाम् सहायतया रिक्तरस्ानानि पूरयत - ( $1 / 2 \mathrm{x} 8=4$ ) मश्रुषा $=$ कारयानम्, पर्यावरणम् , पृच्छति , माता , वृक्षः, खगाः, दुखिता, अनेक्रे,


1 अस्मिन् चित्रे ------ छिन्ना॰ वृक्षा॰ सन्ति। 5 चित्रे एक॰ हरितः॰ ------ अस्ति।
2 एकः बालकः तर्य ------ च अस्ति । 6 वृक्षे ------ तिष्ठन्ति।
3 माता वृक्षाणाम् कर्तनेन ------ अस्ति। 7 खगा॰ प्रदूषितं ------ विषये चिन्तिताः सन्ति ।
4 बालकः मातरम् प्रश्नं ------ । 8 मार्गे एकः ------ अपि अस्ति।
प्रश्न 2 स्वजन्मदिवस्से भगिन्या दत्तं उपहानं प्राप्य भगिनी धन्यवादं प्रयच्छन् पत्रं लिखत - ( $1 / 2 \times 8=4$ )
भाता , पुस्त्तक्रम्, ज्ञानवर्धक्रम्, तत्रास्तु, प्रणामः, कर्तव्यन्यु, धन्यवादम् , अमूल्यम् लक्ष्मी नगरम्, दिल्ली।
दिनॉकः-
22.05.2020

प्रिये भगिनि,

सप्रेम [1] ------
अत्र कुशलम् [2] ------ | भवन्या उपहारं तु [3] ------ एव।इदं मम प्रियम् [4] ------ अस्ति । एतत् रोचकं [5] ------ च अस्ति । एतद् पठित्वा तु अहं [6] -----किम् स्वरूपं इति ज्ञातवान् | भवतां हार्दिकं [7] ------ । पिवृचरणेषु प्रणामः । भ्रातरं प्रति स्नेहः।

प्रश्न 3 अधोलिखिते संवादे मश्जुषायाः उचितपदानि चित्वा रिक्तरस्थानानि पूरयन्दु - $\quad(1 / 2 \times 8=4)$
क्रिमू, क्रोषि, विषयसस्य, अध्ययनम्, जन्तूनाम्, स्संस्कृतम्, पंचतंत्रम् ,

## कथा

पिता - पुन्र! न्वम् किम् [1] ------ ?
पुत्रः - पिताश्री अहम् [2]------ करोमि।
पिता - त्वम् कर्य [3]------ अध्ययनम् करोषि।
पुशः - अहम् [4]------ पठामि ।
पिता - शोभनम् |पुस्तकर्य नाम् [5]------ अस्ति ।
पुत्रः - पुर्तकरस्य नाम [6]------ अस्ति।
पिता - अति उत्तम | अस्मिन् पुर्तके कर्य [7]------ अस्ति ।
पुञः - अस्मिन् पुर्तके [8]------ कथा अस्ति।
पिता - अस्य पुर्तक्रस्य लेखकः कะ अच्ति
प्रश्न 4 मश्जूषातः पदानि चित्वा क्राया॰ पुती कुरूत $(1 / 2 \times 8=4)$
अक्रथयत्, वनं, आपत्क्राले, स्सहायताम्, भल्लुक़ః, आरोह्ठणम्, मित्रे, नगरम् प्राचीन काले कुसुमपुरम् नामक एकम् [1] ------ आसीत्| तर्यय नगरच्य समीपे गहनं [2] आसीव् | तर्मिन् एव नगरे व्योम॰, सोम॰ च द्वे [3] ------ आस्ताम् | एकदा तौ वनर्य समीपे अभ्न्मताम्| अकर्मात् एकः [4] ------ आगच्छति | तम् दृष्ट्वा भयेन व्योम॰ वृक्षम् आरोहत् परं सोमः [5] ------ न जानाति । व्योमः अपि तर्च्य [6] ------ न करोति । सٌ भूतले मृतवत् पतति । भल्लूकः तम् पश्यति, जिघ्रति गच्छति च | ब्योमः वृक्षात् अवतीर्य पृच्छति - ' मित्र ! एषः भल्लूकः त्वां किम् [7] ------ ? सोम॰ अवदत् - ‘भल्लूकะ अवदत् यत् यะ [8] ------ सहायकः न भवति स॰ मित्रम् न भवति।’ प्रश्न 5 चित्रम् चचयित्वा केचन चत्वारि पुष्पाणि नामानि संस्टकृत लिखत ( $1 x 4=4$ )

## Worksheet - 3

गतिविधि - $\mathbf{1}$ संस्टकृत में महीनों को नाम लिखते हुप्ट सक्र आकर्षक्र कलेन्डर बनाइप्य।
2 गरनी की छुद्यियों में आप अपना समय कैन्से व्यतीत करते है संंख्रक्तन में समय बताते हुष्ट अपनी किस्सी एक दिन की दिनचर्या लिखिए।

प्रश्न 1 धातु रुपाणि लिखत -
क) 'पा’ धातु- लद्लकार॰, मध्यम पुरूषः।
ख) 'भू' धातु- लोद् लकार॰,प्रथम पुरूषः।
ग) 'अस्- धातु लूद्लकार॰ उत्तम पुरूषः।
प्रश्न 2 शब्द रुपाणि लिखत -
क) ' नर' शब्द [पु०] प्रथमा विभक्तिः।
ख) 'एतत्' शब्द [पु०] तृतीया विभक्तिः।
ग) 'रमा' शब्द [नपु०] सप्तमी विभक्तिः ।
प्रश्न 3 कोष्ठके प्रदत्तैः उचित स्संख्या पदैः रिक्तिस्थानानि पूरयत -
(1) गोहनरचय समीपे ------ पुस्तकानि सन्ति। ( 8 )
(2) वर्ष ----- मास्सा॰ वर्तन्ते । (12)
(3) ------ छाताँ रेलयानेन पुरीनगरं अगच्छन्। (23)
(4) ----- गायिकाः गायन्ति। ( 16 )
(5) शिविरे ------ सैनिकाः सन्ति । (20)
(6) मम समीपे ------ रूप्यकाणि सन्ति । (30)

प्रश्न 4 मश्रूषायां प्रदत्त्बः उचित अव्ययपदैः रिक्तरसथानानि पूरयत-
अद्य , सायम्, कति , सादा
1 स० ------ सत्यम् वदति।
2 तव समीपे ------ कलमानि।
3 ------ रविवासरः अस्ति ।
4 अहम् ----- कीडनाय उद्यानम् गच्छामि ।
प्रश्न 5 अधोलिखितेषु रिक्तिर्थानेषु प्रकृति प्रत्ययं संयोज्य वाक्यपपूर्ति क्रूूत - $\quad(1 / 2 \times 4=2)$
1 चित्रकार॰ ------ ( रच् +क्त्वा) प्रसन्नः भवति
2 मम जनकः ------ ( क्रम् + तुमुन्) उद्यानम् अगच्छत्।
3 बालका॰ पाठम् ------ ( पर् + कत्त्वा) प्रसन्ना॰ भवन्ति ।
4 रमा भोजनम् ------ (पच् + तुमुन्) पाकशालां गच्छति।
प्रश्न 6 संंधि वा संधि विच्छेदम् करुत -
$(1 / 2 \times 4=2)$
(क) हिम + आलयः
(ख) कवि $\boldsymbol{+}$ इन्द्र०
(ग) पुस्तकालयः
(घ) कपीशः

प्रश्न 7 उचित विभक्ति पदेन रिक्तहर्थानानि पूरयत -
1 राधा $\qquad$ ( ग्रामाय/ ग्रामम् )

2 $\qquad$ परितः वृष्षाः सीन्ति। ( गृहम् / गृहेण)
प्रश्न 8 घटिकाम् रचयित्वा अधोलिखितम् स्समयम् स्संख्कृते लिखत ।

## Worksheet - 4

गतिविधि -1 घर में उपयोग किस जाने वाले किन्ही पाँच उपकरणों के चिन्र बनाकर (टी०वी० ,फिज़ आदि) उनके नाम स्संस्कृत में लिखिए।

2 घर में जल स्संचय करने वाले पार्तों की ख्वच्छता का ध्यान रुखिए तथा ख्वच्छ जल का महत्व्व बतावे दुए स्संस्क्वत में चार वाक्य लिखिए।
प्रश्न 1 अधोलिखितं गदयांशं पठित्वा प्रश्नान् उत्तरत -
इदं जगात् गतिशीलम् अस्ति । सर्वे जन्तवः गतिशीला॰ सान्ति। मानवाह, जलचराह, नभचरा॰,थलचरा॰ च निरंतरं चलन्ति | सर्वषु गतिः वर्तवे ।इयं श्रक्तिः बहुविधा वर्तते-
 सैन्यशक्तिः देशस्य सुरक्षायै,जनशाक्तिः जनानाम् अधिकाररक्षणाय, बुद्धिशक्तिः च चिन्तनाय महत्वपपूर्णा वर्तते। आसु शक्तिषु बुद्धिशक्तिः श्रेष्ठ वर्तते। बुद्धिम् विना शारीरिकं बलम् अपि व्यर्थ मृ भवति। बुद्धृा विशालकायः पशुः अपि पञ्जरबद्धः कियते। बुद्धरा एव मानवअअसंभवम् अपि
 सत्ययेवे उक्तम् - बुद्धिः यस्य बलन् तस्य।
1 Еक पदेन उत्तरa -
क इदं जगत् कीदृथम् अस्ति ?
ख शक्तिषु का श्रेष्ठा वर्तते ?
2 पूर्णावक्येन उत्तरत-
क बुद्धिम् विना किम् व्यार्थम् भवति ?
3 निर्देशानुस्सारेण उत्तra -
क 'चलन्ति' किया पदे प्रयुक्तं पुरूषं वचनं च लिखत।
प्रश्न 2 अथोलिखितं श्नोकांशं पठित्वा प्रश्नान् उत्तरत स्सर्व परवथां दुखम् सर्वम् आत्मवथं सुखम्।
 अलस्सम्ट्य कुतो विधा,अविद्यस्ट्य कुवः धनम्। अधनस्य्य कुतो निन्ञं ,अमित्रस्ट्य कुव॰ सुखम्|।

## 1 एक्र पदेन उ़त्तरत -

(क) सर्वम् परवशम् किम् भवति ?
(ख) अविद्यार्य किम् न भवति ?
2 पूर्णवाक्येन उत्तरत-
(क) संसारे कः सुखम् न प्राप्यते ?
(ख) कर्य मित्रम् न भवति?
3 निर्देशानुस्सारेण उत्तरत -
(क) 'मित्रस्य ' पदे प्रयुक्तम् विभक्ति वचनं च लिखत।
प्रश्न 3 विलोमपदानाम् परस्परं मेलनम् क्रुूू -
$(1 / 2 \times 4=2)$
(1) सत्यम् अनुजः
(2) नूतनः

असद्यम्
(3) अग्रजः

कठिनतया
(4) सरलतया पुरातनः

प्रश्न 4 पर्याय पदानां मेलनम् क्रूूत -
(1) संस्सारः
(2) पृथ्वी
(3) सूर्यः
(4) माता

प्रश्न 5 विशेषणं विशेष्यं च योजयत् -
रवि॰
जगतः
जननी
धरा
(1) नूतनः यन्त्रम्
(2) लोकप्रियम् हनुमानः
(3) बुद्धिमान् आविष्कानः
(4) पवनपुत्रः

जनः
प्रश्न 6 रैखांक्रित पदम् आधृत्य प्रश्नं निर्मीयताम् -
(1) लंकाया॰ अधिपति॰ र्ावणः आसीत्।
(2) अयं देवालयः दिल्लीनगरे अस्ति ।
(3) एतत् दूरदर्शानयन्त्रम् अस्ति।
(4) श्री रामस्ट्य आदेशेन वानरसेना लंकाम् अगच्छत्।

प्रश्न 7 घटनाकमानुस्सारं वाक्यानि संयोजयत -
(1) तर्य चत्वार॰ पुन्रा॰ आसन्।
(2) पुरा अयोध्याया॰ नृपะ दशरथ॰ आसीत्।
(3) वने लंकाया॰ अधिपति॰ रावणः सीताया॰ अपहरणम् अकरोत्।
(4) श्रीरामर्य विवाहः राज्ञः जनकरय पुच्रा सीतया सह अभवत्।
(5) श्री रामर्य दूतः भूत्वा हनुमान् सीताम् अन्वेष्टुम् लंकाम् अगच्छत् |
(6) पितु॰ आज्ञया श्रीराम॰ स्वभार्यया सह वनम् अगच्छत्।

## Subject: Art Education

## Week 1- Best Out of Waste

World Environmemnt Day is celebrated on the $5^{\text {th }}$ of June. To mark this day use wastepaper and other scrap material to make any one of the following: lamps/ wind chimes/ pots/ jewellery. 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- Doodle Art

Create doodle art on the theme: "COVID-19 - the brighter side" on a A4 size sheet.

## Week 4- Monochromatic Painting

Make a monochromatic painting, that is, using a single colour to depict a scene of your choice. While you may use below as reference, it is advised that you use different themes and display your creativity.
LINK : [https://www.youtube.com/watch?v=SnynI7xUKRo](https://www.youtube.com/watch?v=SnynI7xUKRo)

## Subject: Computer Science

Lesson 2 - Creating Web Pages Using HTML
Lesson 3 - Formatting In HTML
Write the names of the following tags.
a) $\langle\mathrm{tt}\rangle$ -
b) 〈br>-
c) $\langle\mathrm{li}\rangle$ -
d) $\langle\mathrm{hr}\rangle$ -

1. Give the output of the following HTML Codes.

2. Write the syntax of the following tags with their attributes.
a) <body> -
b) 〈p>-
c) $\langle\mathrm{ol}\rangle$ -
d) <font> -
3. Answer the following questions.
a) Differentiate between
i) Paragraph Tag and Block quote Tag

ii) <dd> tag and <dt> tag
$\square$
4. Write the hexadecimal colour codes for the following:-
a) Olive -
b) Lime -
c) Silver -
d) Purple -

## Practical Section

Create a HTML page to show the effect of following block level and text level tags:

1. Use paragraph tag, bold tag, italic tag and underline tag to display the following text.

- Vacuum Tubes - 1946-58
- Transistors - 1959-63
- Integrated Circuits - 1964-70
- Microprocessor - 1971 onwards (Apply <tt>Tag)
- Artificial Intelligence Present and Beyond

2. Apply a horizontal rule tag.
3. Use superscript and subscript tag to display the following text.

- $\mathrm{C}_{2} \mathrm{H}_{5} \mathrm{OH}$
- $\mathrm{C}_{6} \mathrm{H}_{5} \mathrm{COOH}$
- $\mathbf{a}^{3}+\mathbf{b}^{3}$
- $\mathbf{V}=\mathbf{a}^{\mathbf{3}}$

4. Apply a horizontal rule tag.
5. Name of the STATE and UNION TERRITORIES

## A. STATES OF INDIA

- New Delhi
- Mumbai
- Chennai
- Kolkata


## B. UNION TERRITORTY

- Goa
- Andaman and Nicobar Islands
- Chandigarh

6. Apply a horizontal rule tag.
7. Apply different attributes of font tag on the following text as directed:

- $\mathrm{H}_{2} \mathrm{O}$ (Bookman Old Style)
- Red Fort (Comic Sans MS)
- 10 ${ }^{\text {th }}$ December (Arial Black)
- TAJMAHAL(ALGERIAN)
- Lotus (Verdana)
- Jama Masjid (Impact)

8. Display the following special characters

- \&frac56
- \>
- \£
- \"
- \&


## Project Work

1. Create a SWAY presentation of five slides on the topic- "Cyber Security or Cyber Bullying".
"Threat is a mirror of security gaps. Cyber-threat is mainly a reflection of our weaknesses. $\qquad$ ."

Use the following points to make your presentation

## CYBER SECURITY

- Why is security important in the field of technology?
- Types of Cyber Security
- Examples of Cyber Security
- Different jobs in Cyber Secuurity
- Design a CYBER SECURITY LOGO for the slide.
- Add relevant pictures.


## CYBER BULLYING

- What do you understand by cyber bullying?
- Impacts over educational institutions
- How to report a cyber-bulling case?
- Show the total no of cyber bullying cases from 2014 to 2019 in the form of a chart.
- Add relevant pictures.

2. Create a quiz of the five questions mentioned below using FORMS.

## Question 1

What does HTML stand for?
A. Hypertext Machine language.
B. Hypertext and links markup language.
C. Hypertext Markup Language.
D. Hightext machine language

## Question 2

Which of the following characters indicate closing of a tag?
A. .
B. /
C. 1
D.!

## Question 3

How many heading tags are there in HTML5?
A. 2
B. 3
C. 5
D. 6

## Question 4

What is the purpose of using div tags in HTML?
A. For creating Different styles.
B. For creating different sections.
C. For adding headings.
D. For adding titles.

## Question 5

Which of the following tags is used to add a line-break in HTML?
A. 〈br>
B. <break>
C. </break>
D. </br>

Follow the following steps to upload the HOMEWORK for SWAY and FORMS in Microsoft Teams.

- Login to portal.office.com
- Sign in with your username and password.
- 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.

