केन्द्रीय विद्यालय लुंगलेई, मिजोरम

ग्रीष्मकालीन अवकाश गृह-कार्य

सत्र – 2023-24

कक्षा – छठवीं (VI)   **विषय – हिन्दी**

प्रश्न-1 पाठ्यक्रम की कोई भी एक कविता याद करके तथा उसका वीडियो बनाकर मुझे व्यक्तिगत प्रेषित करें । (कविता डेढ़ मिनट से पाँच मिनट) (वाचन-कौशल)

प्रश्न-2 आपका नाम मोहन है। बीमार होने की वजह से आप विद्यालय में नहीं आ सकते हो, इसलिए 5 दिन के अवकाश हेतु अपने स्कूल के प्रधानाचार्य को प्रार्थना- पत्र लिखिए।

प्रश्न-3 स्वर किसे कहते हैं? कुल स्वर कितने होते हैं? नाम लिखिए।(याद भी करें)

प्रश्न-4 व्यंजन किसे कहते हैं? कुल व्यंजन कितने होते हैं? नाम लिखिए। (याद भी करें)

प्रश्न-5 निम्नलिखित में से कोई दो फ़िल्में देखिए और उनसे मिलने वाली पाँच प्रमुख शिक्षाएँ लिखिए।

(i)   **I am kalam (आई एम कलाम)**

(ii)   **Chalk n duster (चॉक एंड डस्टर)**

(iii)   **Taare zameen par (तारें जमीन पर)**

(iv)   **Baghban (बागबान))**

(v)   **Ummid   (उम्मीद)**

(vi)   **Raddi laibreri (रद्दी लाइब्रेरी)**

प्रश्न-6 (20) विलोम शब्द लिखिए।

प्रश्न-7 अपने विद्यालय के बारे में बताते हुए 10 वाक्य लिखिए।

प्रश्न-8 अपने परिवार के बारे में बताते हुए 10 वाक्य लिखिए।

प्रश्नः – 1. दश पशूनां चित्राणि निर्मीय तेषां नामानि संस्कृतभाषायां च लिखत – दश पशुओं का चित्र बनाकर उनका नाम संस्कृत भाषा में लिखें-

प्रश्नः – 2. दश खगानां चित्राणि निर्मीय तेषां नामानि संस्कृतभाषायां च लिखत – दश पक्षियों के चित्र बनाकर उनके नाम संस्कृत भाषा में लिखें-

प्रश्नः- 3. स्वकीय संस्कृतपाठ्यपुस्तकेन विंशति अकारान्तपुँल्लिङ्गपदानि चित्वा लिखत- अपनी संस्कृत की पुस्तक से 20 'अ' अन्त वाले पुँल्लिङ्ग शब्दों को चुनकर लिखें-

प्रश्नः – 4. अधोलिखितानां एतद्, तद्-सर्वनामपदानां क्रियापदानां च प्रयोगं कृत्वा पञ्चदशः (15) वाक्यानि रचयत- निम्नलिखित एतद, तद् सर्वनाम-शब्द और क्रिया शब्दों का प्रयोग करके 15 वाक्यों की रचना कीजिए-

एतद्	तद्	क्रियापदानि
एषः, एतौ, एते	सः, तौ, ते	गच्छति, पठतः, गायन्ति, नृत्यति, वदतः, हसति, हसतः, हसन्ति, लिखति, लिखतः, लिखन्ति, खादति, खादतः, खादन्ति, गायति।

उदाहरण – एषः पठति।

प्रश्नः – 5. ग्रीष्मावकाशे प्रत्येक दिवसे एकं पृष्ठं हिन्दीभाषायां उत् वा संस्कृतभाषायां च लिखत- गर्मियों कि छुट्टियों में प्रत्येक दिन एक पेज हिन्दी या संस्कृत भाषा में लिखें।

CLASS – VI   SUBJECT - ENGLISH

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1. Write five new words daily with their meaning.

2. Do the following work:

   i) Write 30 Verbs (action words) and make sentences by using it.

   ii) Write collective nouns for the following:
- A ----- of birds.   A --- of ships.
- A ----- of grapes   A ---- of lions
- A ------- of cattle.   A ------- of rice.
- A ------ of wolves   A ----- of bees.
- A ---- of musicians   A ----- of cards.

•

iii) Choose the correct synonyms (similar words) of the given words.

1. Finish (end, last, start)   6. Small (little, big, less)
2. Fast (swift, slow, run)   7. Annoyed (angry, happy, sad)
3. Weep (shout, cry, sad)   8. Wide (narrow, short, broad)
4. Brave (scary,courageous,calm) 9. Perfect (ideal, sure, good)
5. Happy (finish, cheerful, good)   10. Construct (Set, build, break)

Write 3 stories on- 1) The thirsty crow

2) Greedy dog 3) Fox and the crow.

Q.4. Write paragraph writing on

1) Importance of H.W.
2) Importance of Trees
3) My pet 4) The subject I liked the most.

Q.7. Value Based Question-

1) Why did the dog feel the need for a new master?
2) "A man is known by the company he keeps". Write your views in reference with the story "The tale of two birds".
3) Write an article on G-20and draw the flags of participant's nations.

CLASS – VI   SUBJECT – SOCIAL SCIENCE

1. Prepare a chart of solar system. (in chart paper with colours)

2. Draw an outline map of India mark and label neatly Indian States and their Capital.

   (In chart paper with colours)

CLASS – VI   SUBJECT – SCIENCE

ANSWER THE FOLLOWING QUESTION:

1. What are the Different Types of Essential Nutrients?

2. Differentiate between herbivores, carnivores and omnivores with example for each of them?

3. Write the names of the plants that provide us:

   1. Vegetables

  2. Fruits
  3. Cereals or grains
  4. Pulses
  5. Oil or fat

4. Suppose one of your friends had only one chapati, some rice and one bowl of pulses for his daily meal. Do you think that by eating such meal he can work and play whole day?

5. How will you test for starch in a food sample?

6. How will you test for protein in a food sample?

7. Name the food needed:

  1. for strong bones and teeth
  2. to prevent scurvy
  3. to avoid constipation
  4. for warmth
  5. For growth.

8. Write the sources and deficiency diseases of the vitamins 'A', 'B' complex, C, D, E and K.

CLASS – VI   SUBJECT - MUSIC

1) Leran and memories Anuvrat geet(naitikta ki)

2) Revise all the community songs you have learned.

3) Make a video of any community song.

4) Make a dance video of any patriotic song.

5) Draw a picture of any musical instrument.

HOME ASSIGNMENT FOR **Class_V & Class_VI**

Q1. Draw a different computer parts, which are as follow :-

1) Monitor
2) Web Camera
3) Keyboard
4) Mouse
5) CPU(Central Processing Unit)
6) UPS(Uninterruptible Power Supply)
7) Speaker

INSTRUCTION

➤ Colour the pictures on your ideas.
➤ Write the name of each pictures on it and point the pictures with the name using arrow (→).
➤ You can use A**4** paper or bigger size of blank paper.
➤ You have to mention your **Name**, **Class**, **Rollno** and year(**eg:2023-2024 batch**)

Q2. You have to write every computer parts that you have draw about what is use for and how does it work, on the pictures. (**No need to write much**)

I will choose the best one on each class and we will paste his/her drawing on the classroom wall.

CLASS – VI   SUBJECT – MATHEMATICS

Q.1 Read these numbers. Write them using placement boxes and then write their expanded forms.

(a)475320   (b)9847215   (c)97645310   (d)30458094

(i) Which is the smallest number?

(ii) Which is the greatest number ?

(iii) Arrange the numbers in ascending and descending orders.

Q.2 Read these numbers.

(1) 527864   (2) 95432   (3) 18950049   (4) 70002509

(a) Write these numbers using placement boxes and then using commas is Indian as well as international system numeration..

(b) Arrange these in ascending and descending order.

Q.3   A merchant had 78,592 with her. She placed an order for purchasing 40 radio sets at ₹ 1200 each. How much money will remain with her after the purchase ?

Q.4 Medicine is packed in boxes ,each weighing 4kg 500g. How many such boxes can be loaded in a van which cannot Carry beyond 800kg?

Q.5   A vessel has 4 litres and 500ml of curd . In how many glasses, each of 25 ml capacity can it be filled?

Q.6   Estimate the following products using general rule:

(a)578×161   (b) 5281×4391   (c) 1291×591   (d) 9250×29

Q.7 Write the predecessor of:

(a)94   (2) 10000   (3) 208090   (4)7654321

Q.8 Find the value of the following:

(1)297×17+297×3   (2) 54279×92+8×54279

(3) 81265×169 -81265×69 (4)3845×5×782+769×25×218

Q.9 Express the following as the sum of two odd primes.

(1) 44   (2) 36   (3) 24   (4) 18

Q.10 Using divisibility tests, determine which of following numbers are divisible by 6:

(a)297144. (b)1258 (c) 4335 (d) 61233 (e)901352 (f)438750 (g)1790184   (h) 12583 (I)639210

Q.11 Write seven consecutive composite numbers less than 100 so that there is no prime number between them.

कक्षा – सातवीं   **विषय - हिन्दी**

प्रश्न-1 पाठ्यक्रम की कोई भी एक कविता याद करके तथा उसका वीडियो बनाकर मुझे व्यक्तिगत प्रेषित करें । (कविता डेढ़ मिनट से पाँच मिनट) (वाचन-कौशल)

प्रश्न-2 आपका नाम मोहन है। बीमार होने की वजह से आप विद्यालय में नहीं आ सकते हो, इसलिए 5 दिन के अवकाश हेतु अपने स्कूल के प्रधानाचार्य को प्रार्थना- पत्र लिखिए।

प्रश्न-3 वॉलीबॉल मैच जीतने पर अपने मित्र को उसे बधाई पत्र लिखिए। (100 शब्द)

प्रश्न-4 'पहाड़ों का महत्त्व' या 'आज तकनीकी का ज्ञान कितना आवश्यक' विषय पर अनुच्छेद लिखिए।

प्रश्न-5 निम्नलिखित में से कोई दो फ़िल्में देखिए और उनसे मिलने वाली पाँच प्रमुख शिक्षाएँ लिखिए।

(i)   I am kalam (आई एम कलाम)

(ii)   Chalk n duster (चॉक एंड डस्टर

(iii)   Taare zameen par (तारें जमीन पर)

(iv)   Baghban (बागबान))

(v)   Ummid   (उम्मीद)

(vi)   Raddi laibreri (रद्दी लाइब्रेरी)

प्रश्न-6 अपनी सुनी हुई कहानियों में से कोई भी एक कहानी लिखिए।

प्रश्न-7 बीस (20) विलोम शब्द लिखिए।

प्रश्न-8 व्यक्तिवाचक, जातिवाचक और भाववाचक संज्ञा के 10-10 उदाहरण लिखिए।

कक्षा – सप्तमी (VII)   **विषय - संस्कृतम्**

प्रश्नः – 1. सङ्गतिविषये एकां कथां संस्कृतभाषायां पठित्वा च लिखत - संगति के विषय में संस्कृत भाषा में एक कहानी पढ़ें एवं लिखें-

प्रश्नः – 2. वृक्षाणां महत्त्वविषये पञ्चश्लोकाः लिखित्वा तेषां हिन्दीभाषायां भावार्थ च लिखत- वृक्षों के महत्त्व के विषय में पाँच श्लोक लिखकर उनका हिन्दी भाषा में भावार्थ लिखें-

प्रश्नः – 3. स्वकीय संस्कृतपाठ्यपुस्तकस्य पृष्ठसंख्या 93 तः किम् सर्वनामशब्दस्य पुँल्लिङ्गे, स्त्रीलिङ्गे, नपुंसकलिङ्गे च लिखित्वा स्मरणं कुरुत- अपनी संस्कृत की पुस्तक के पेज संख्या 93 से किम् सर्वनाम शब्दों के रूप पुँल्लिङ्ग, स्त्रीलिङ्ग एवं नपुंसकलिङ्ग में लिखकर याद करें।

प्रश्नः – 4. ग्रीष्मावकाशे प्रत्येक दिवसे एकं पृष्ठं हिन्दीभाषायां उत् वा संस्कृतभाषायां च लिखत- गर्मियों कि छुट्टियों में प्रत्येक दिन एक पेज हिन्दी या संस्कृत भाषा में लिखें।

प्रश्नः – 5. सुभाषितानि पाठस्य श्लोकानां सस्वरवाचनं कृत्वा विडीयो निर्माणं कुरुत एवञ्च मम दूरभाषे प्रेषयत- सुभाषितानि पाठ का सस्वर वाचन कर विडीयो का निर्माण कीजिए एवं मेरे मोबाईल नम्बर पर भेजें।

CLASS – VII   SUBJECT - ENGLISH

I. **Activity**

Talk to six friends and complete the following questionnaire.

Name of student	Favourite cartoon shows on TV	Reason for liking it	Frequency of watching it	Learning from the show

II. Write a creative story to go along with the picture.

_____(Title)

Written by:_(You're Name)

III. (i) Write a paragraph on 'Importance of Millets'.

(ii) Write a paragraph on any sport or sportsman from Sikkim.

    a. Write a paragraph / poem on 'Save Water'.

b. Write Slogans on 'Save Water'.

NOTE: Add pictures. Do it in file paper.

IV. Application writing-

1) Write an application to the principal requesting for fee concession.
2) Write an application to the principal requesting for remission of fine
3) Write an application to the principal requesting for an excursion.

V. Paragraph writing-

1) My pet 2) Pollution 3) Importance of education 4) Save water Save life.

VI. Value Based Question- 1)

1. Do you feel the need of taking permission from your elders before giving away any belongings to anyone?
2. Write a short on Kari. How can you say that Kari was similar to human body?
3. Write a short note on music teacher.
4. Do you want to be like a Rebel? If yes Or no give reasons for your answer.

CLASS – VII   SUBJECT – SOCIAL SCIENCE

1. Collect information regarding programs by the Government to ensure equality in India.
   (Gender equality, Economic equality and Political equality.. 5 pages)

2. What difficulties historian faces using manuscripts? (1 page)
3. Give reasons:
   a. Man modifies his environment.
   b. Plants and animals depend on each other's. (1 page each)
4. In A4 paper draw a picture of your ideal environment.

CLASS – VII   SUBJECT – SCIENCE

1. Show with the help of a sketch that plants are the ultimate source of food.

2. Different modes of nutrition have been observed in plants. What are they? Give example of each.

3. Sunlight, chlorophyll, carbon dioxide, water and minerals are raw materials essential for photosynthesis. Do you know where they are available? Fill in the blanks with the appropriate raw materials.

(a) Available in the plant: ………

(b) Available in the soil: ………

(c) Available in the air: ………

(d) Available during day : ………

5. Discuss the various associated glands of digestive system and their role in digestion.

6.Boojho took some grains of boiled rice in test tube 'A' and Paheli took boiled and chewed rice in test tube 'S'. Both of them poured 1-2 drops of iodine solution into the test tube and observed the colour change. What colour change would they have observed? Give reasons for your Answer

Q.1 A plane is flying at the height of 5000 m above the sea level. At a particular,it is exactly above a submarine floating 1200 m below the sea level. What is the vertical distance between them?

Q.2 Verify a-(-b)=a+b for the following values of a and b

(A) a=21,b=18.   (B) a=118,b=125

(C) a=75,b=84.   (D) a=28,b=11

Q.3 Write down a pair of integers whose

(A) sum is -7.   (B) difference is -10

(C)difference is sum is 0

Q.4 Find:

(A) 15×(-16).   (B) 21 × (-32)

(C) (-42)×12.   (D) -55×15

Q.5 Check if

(A). 25×(-21)=(-25)×21.   (B)(-23)×20=23×(-20)

Write five more such examples

Q.6 Find each of the following products:

(A) 3×(-1).   (B) (-1)×225.   (C) (-21)×(-30)

(D) (-316)×(-1).   (E) (-15) × 0 × (-18).   (F) (-12)×(-11)×(10)

(G) 9×(-3)×(-6).   (H)(-18)×(-5)×(-4).   (G) 9×(-3)×(-6)

Q.7 Replace the blank with an integer to make it a true statement.

(A) (-3)×___=27.   (B) 5×___= -35.   (C) ___×(-8)= -56. (D) ___×(-12)=132

Q.8   Calculate each of the following:

(A) (-30)÷10.   (B) 50÷(-5)   (C) (-36)÷(-9)

(D) (-49)÷(49). (E) 13÷[(-2)+1].   (F) 0÷(-12)

(G) (-31)÷[(-30)+(-1)].   (H) [(-36)÷12]÷3. (I) [(-6)+5)]÷[(-2)+1]

Q.9   An elevator descends into a mine shaft at the rate of 6 m/min . If the descent starts from 10 m above the ground level , how long will it take to reach -350m

CLASS – VII   SUBJECT - MUSIC

1) Leran and memories Anuvrat geet(naitikta ki)

2) Revise all the community songs you have learned.

3) Make a video of any community song.

4) Make a dance video of any patriotic song.

5) Draw a picture of any musical instrument.

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CLASS – VII   **SUBJECT - COMPUTER**

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Group-1 Members

SI.NO	Name	Rollno
1	Lalpekhlui	6
2	Esther Lalhunruati	9
3	Ruthi B Malsawmtluangi	12
4	Precious Zorinsangi	21
5	Lalrinhlui	7
6	Zothanpuii Colney	31
7	Rebec T Lalchhanchhuahi	16
8	LH Ramthianghlimi	17
9	Roshni Singha	20
10	Judy MS Zuali	32
11	Anushak	33
12	Mary Lalnunmawii	26
13	Srawani	29
14	Lalremruati	13

This is the project for Group-1

1) Collect the photo of different parts of Computer, which are as follow :-
   - Monitor
   - Web Camera
   - Keyboard
   - Mouse
   - CPU(Central Processing Unit)
   - UPS(Uninterruptible Power Supply)
   - Speaker
   - Printer
2) You have to printed out those hardware one by one**(Colour printing is preferable)**
3) You will paste those printed out hardware computer parts to chart paper.
4) You have to mention the name of those hardware below the pictures.
5) Arrange the different parts of those computer hardwares in a proper manner.
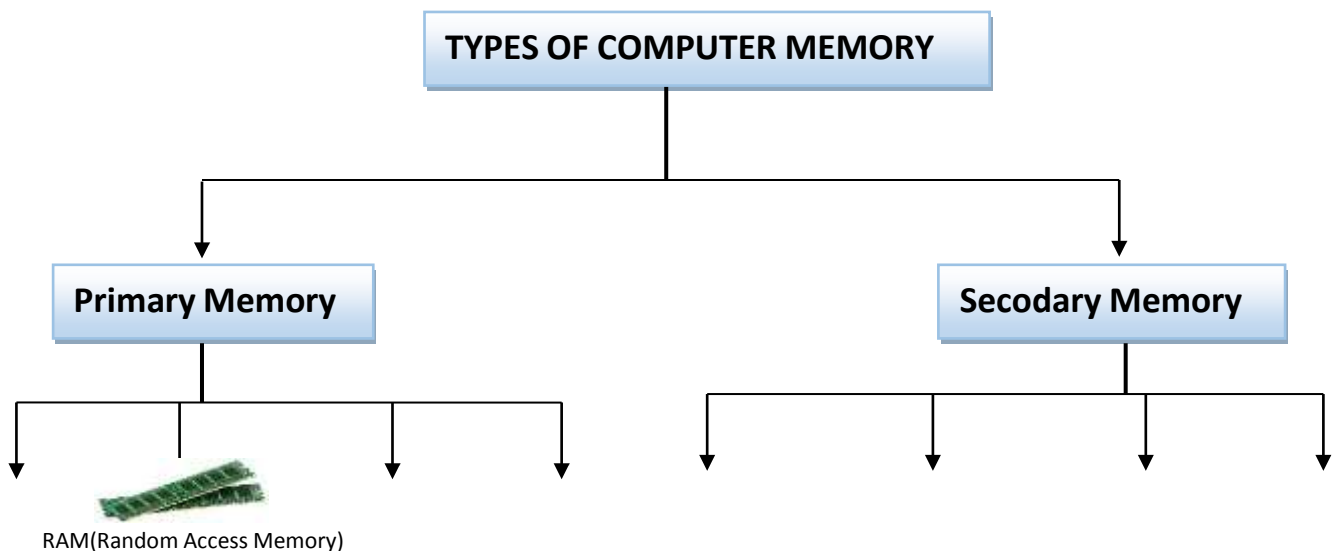6) Mention your group numbers and also write down your members on it .

Group-2 Members

SI.NO	Name	Rollno
1	Jeffrey Lalthansanga	18
2	Gospel Lawmsangzuala	3
3	Isac Lalthlamuanpuia	11
4	Michael Lalhminghlua	25
5	Lalruatsanga Hrahsel	10
6	Benjamin Malsawmtluanga	15
7	PC Lalliansanga	1
8	George Zonunsanga	19

This is the project for Group-2

1) Collect the photo of different Computer Memory storage.
2) You have to printed out the pictures of the memory storage one by one**(Colour printing is preferable)**
3) You will paste those printed out the pictures of computer memory to chart paper.
4) You have to mention the name of those hardware below the pictures.
5) Mention your group numbers and also write down your members on it .
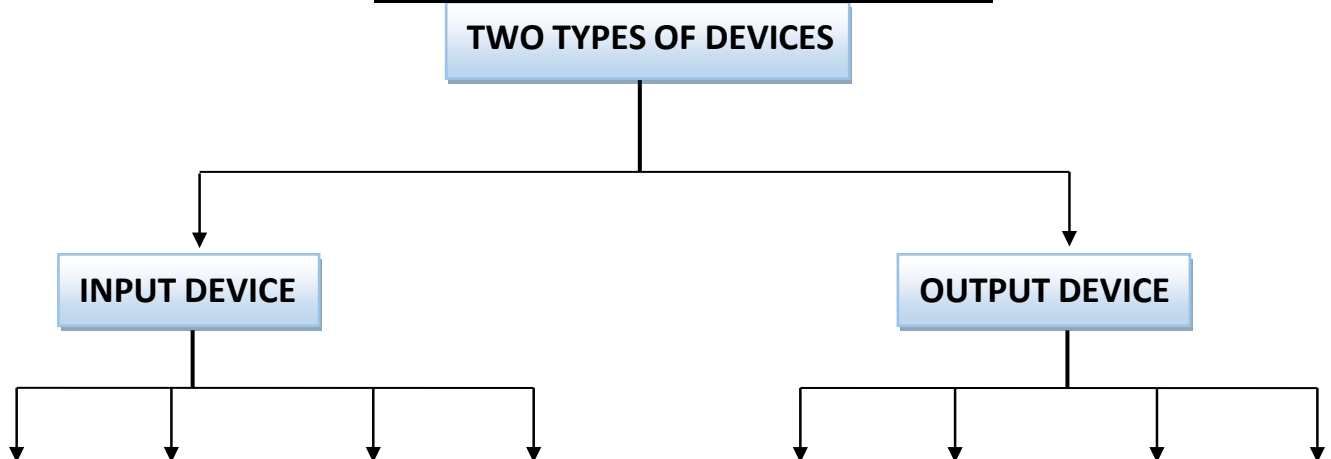
Here is the demonstration of Group-2 project.

TYPES OF COMPUTER MEMORY

Primary Memory

Secodary Memory

RAM(Random Access Memory)

Group-3 Members

SI.NO	Name	Rollno
1	Sumeon	
2	Immanuel	
3	Chhanchhuaha	4
4	Edward	
5	Neihsanga	
6	John	
7	Dennis	
8	Albert	14
9	Anish	34
10	Altamush	36
11	Chandresh	30
12	Ayush	22

This is the project for Group-3

1) Collect the photo of different INPUT and OUTPUT device on a computer .
2) You have to printed out the pictures of those device one by one**(Colour printing is preferable)**
3) You will paste those printed out input and output devices pictures to chart paper.
4) You have to mention the name of those hardware below the pictures.
5) Mention your group numbers and also write down your members on it .

Here is the demonstration of Group-3 project

TWO TYPES OF DEVICES

INPUT DEVICE

OUTPUT DEVICE

कक्षा – आठवीं (VIII)　　　　　　विषय - हिन्दी

प्रश्न-1 पाठ्यक्रम की कोई भी एक कविता याद करके तथा उसका वीडियो बनाकर मुझे व्यक्तिगत प्रेषित करें । (कविता डेढ़ मिनट से पाँच मिनट) (वाचन-कौशल)

प्रश्न-2 आपका नाम मोहन है। बीमार होने की वजह से आप विद्यालय में नहीं आ सकते हो, इसलिए 5 दिन के अवकाश हेतु अपने स्कूल के प्रधानाचार्य को प्रार्थना- पत्र लिखिए।

प्रश्न-3 वॉलीबॉल मैच जीतने पर अपने मित्र को उसे बधाई पत्र लिखिए। (100 शब्द)

प्रश्न-4 'पहाड़ों का महत्त्व' या 'आज तकनीकी का ज्ञान कितना आवश्यक' विषय पर अनुच्छेद लिखिए।

प्रश्न-5 निम्नलिखित में से कोई दो फ़िल्में देखिए और उनसे मिलने वाली पाँच प्रमुख शिक्षाएँ लिखिए।

(i)　　　I am kalam (आई एम कलाम)

(ii)　　Chalk n duster (चॉक एंड डस्टर

(iii)　　Taare zameen par (तारें जमीन पर)

(iv)　　Baghban (बागबान))

(v)　　Ummid　　　 (उम्मीद)

(vi)　　Raddi laibreri (रद्दी लाइब्रेरी)

प्रश्न-6 अपनी सुनी हुई कहानियों में से कोई भी एक कहानी लिखिए।

प्रश्न-7 बीस (20) विलोम शब्द लिखिए।

प्रश्न-8 व्यक्तिवाचक, जातिवाचक और भाववाचक संज्ञा के 10-10 उदाहरण लिखिए।

कक्षा – अष्टमी (VII)　　　　　　विषय - संस्कृतम्

प्रश्नः – 1. परिश्रमस्य महत्त्वविषये संस्कृतभाषायां एकां कथां पठित्वा च लिखत- परिश्रम (मेहनत) के विषय पर संस्कृत भाषा में एक कहानी पढ़ें और लिखें-

प्रश्नः – 2. वृक्षाणां महत्त्वविषये पञ्चश्लोकाः लिखित्वा तेषां हिन्दीभाषायां भावार्थं च लिखत- वृक्षों के महत्त्व के विषय में पाँच श्लोक लिखकर उनका हिन्दी भाषा में भावार्थ लिखें-

प्रश्नः – 3. किम् सर्वनामशब्दस्य रूपाणि त्रिषु लिङ्गेषु लिखित्वा च स्मरणं कुरुत- किम् सर्वनाम शब्द के रूप तीनों लिङ्गों में याद कर लिखें-

प्रश्नः – 4. ग्रीष्मावकाशे प्रत्येक दिवसे एकं पृष्ठं हिन्दीभाषायां उत् वा संस्कृतभाषायां च लिखत- गर्मियों कि छुट्टियों में प्रत्येक दिन एक पेज हिन्दी या संस्कृत भाषा में लिखें।

प्रश्नः – 5. सुभाषितानि पाठस्य श्लोकानां सस्वरवाचनं कृत्वा विडीयो निर्माणं कुरुत एवञ्च मम दूरभाषे प्रेषयत- सुभाषितानि पाठ का सस्वर वाचन कर विडीयो का निर्माण कीजिए एवं मेरे मोबाईल नम्बर पर भेजें।

CLASS – VIII   SUBJECT - ENGLISH

Q.1. Write a leave application to your principal requesting for one week leave thereby mentioning reasons.

2) Write an application to your principal requesting to arrange an educational tour for your class.

Q.2. LETTER WRITING- 1) Write a letter to the Editor for drawing attention towards noise pollution in your city.

2) Write a letter to the Editor drawing attention towards the deplorable conditions of your city roads.

Q.3. DIARY ENTRY -1) suppose you are a stranger and went to meet Connie Mackpherson to handover her husband's letter. Write your feelings in the form of diary entry.

2) Suppose you are a volunteer who served in a natural calamity site. Write your feelings in a form of diary.

Q.4. Paragraph writing- 1) save girl child

2) Importance of reading

3) The person who inspired you the most.

4) Save water save life

Q.5. Value Based Question-

   1) Are wars the only way to settle conflicts?
   2) 2) Laziness is a curse. Explain it with a reference to the chapter" How The Camel Got it's Hump"?

3) Why do children of Velu's age have to work?

Q.6. Write a speech on the objectives of G-20.

Prepare a file project on G-20.

CLASS – VIII   SUBJECT – SOCIAL SCIENCE

1. What is a resource? How does anything become a resource?

2. Make a list of five human-made resources that you can observe around you.

3. "If we are not careful then even renewable resources can become very scarce and the non-renewable ones can definitely get exhausted." What do we do about it?

4. Explain the term sustainable development.

5. Why are resources distributed unequally over the earth?

6. What is resource conservation?

7. Are human resources important? Why?

8. Define the word 'history'. What are the events that are usually recorded in history books?

9. Who created the first map of India? Who wrote the book 'The History of British India'? 10. Write a brief note on the National Archives of India.

11. Apart from official records what are the other sources of information that is available to historians?

CLASS – VIII   SUBJECT – SCIENCE

ANSWER THE FOLLOWING QUESTIONS:

1. Visit a farm, nursery or a garden nearby. Gather information about

(i) Importance of seed selection.

(ii) Method of irrigation.

(iii) Effect of extreme cold and extreme hot weather on the plants.

(iv) Effect of continuous rain on the plants.

(v) fertilisers/manure used.

2. Explain why antibiotics do not work against flu or any infection caused by viruses.

3. Seema got cough and cold badly. Her teacher asked her to take rest at home and use handkerchief while sneezing and coughing. She obeyed her teacher.

(a) Why should we keep a handkerchief on nose and mouth while sneezing or coughing?

(b) What are the modes of transfer of diseases from infected to healthy person?

(c) Do you think Seema's teacher decision was right? Why?

(d) What value of Seema is shown here?

4. Mention various constituents of petroleum and their uses.

5. How is coal and petroleum formed in nature,why are these called fossil fuels?

CLASS – VIII   SUBJECT - MATHEMATICS

Q. 1 Using appropriate properties find.

(I) $(-2/3) \times (3/5) + (5/2) - (3)/5 \times (1/6)$

(ii) $(2/5) \times (-3/7) - (1/6) \times (3/2) + (1/14) \times (2/5)$

Q. 2 Multiply following-

(I) $(6/13)$ by the reciprocal of $(-7/16)$.

(ii) $(-2/3)$ by the the reciprocal of itself

(iii) prime number 7 with negative of any number's reciprocal

Q. 3 Represent these numbers on the number line

(I) 7/4 (ii) -5/6 (iii) 0/5 (iv) 2/3 (v) -3/2

Q. 4 Answer the following questions

(I) Write ten rational numbers between $(-2/5)$ and $(1/2)$.

(ii) Write five rational numbers which are smaller than 2

(iii) Write five rational numbers which are smaller than -2

Q.5 Solve the following-

(a) $7x-9= 16$ (b) $y+ 3= 19$ (c) $-9+ z= -9$ (d) $-h +0=-11$ (e) $p+(-7) = 21$

Q. 6 The perimeter of rectangle is 13cm and it's width is (11/4) cm. Find its length.

Q. 7 Sum of two numbers is 95.if one exceeds the other by 15 find the numbers.

Q. 8 The sum of three consecutive multiples of 8 is 888 Find the multiples.

Q.9 The ages of Rahul and Haroon are in the ratio of 5:7. Four years later the sum of their ages will be 56 years.. What are their present ages?.

Q. 10 Fifteen years from now Ravi's age will be four times his present age. What is Ravi's present age?.

Q. 11 Solve $5x-2(2x-7) =2(3x-1) + 7/2$

Q. 12 Sanjay's mother's present age is six times sanjay's present age. Sanjay's age five years from now will be one third of his mother's present age. What are their present ages?.

Q. 13: Present ages of Priya and Shekhar are in the ratio 4:5.Eight years from now the ratio of their ages will be 5:6.Find their present ages.

CLASS – VIII   SUBJECT - MUSIC

1) Leran and memories Anuvrat geet(naitikta ki)

2) Revise all the community songs you have learned.

3) Make a video of any community song.

4) Make a dance video of any patriotic song.

5) Draw a picture of any musical instrument.

<div align="center">

CLASS – VIII   **SUBJECT - COMPUTER**

</div>

Group-1 Members

SI.NO	Name	Rollno
1	Isak H Malsawmzela	5
2	Zosangpuia Ralte	7
3	Vanlaltluanga	8
4	Jessy Vanmalsawma	11
5	Clemement MC Lalmuanzuala	25
6	Lalrotluangi Chenkual	1
7	Lalngaihzuali	20
8	TH Bem Bem Chanu	15
9	Ramnunsanga	6

This is the project for Group-1

1) Collect the photo of different parts of Computer, which are as follow :-
   - Monitor
   - Web Camera
   - Keyboard
   - Mouse
   - CPU(Central Processing Unit)
   - UPS(Uninterruptible Power Supply)
   - Speaker
   - Printer
2) You have to printed out those hardware one by one**(Colour printing is preferable)**
3) You will paste those printed out hardware computer parts to chart paper.
4) You have to mention the name of those hardware below the pictures.
5) Arrange the different parts of those computer hardwares in a proper manner.
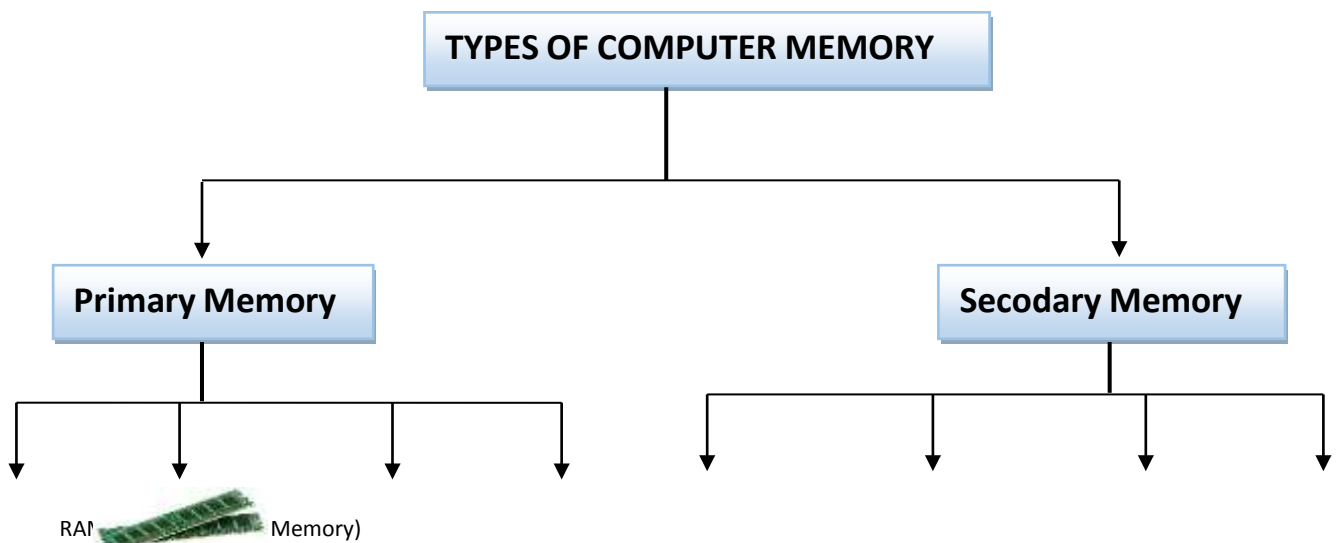6) Mention your group numbers and also write down your members on it .

Group-2 Members

SI.NO	Name	Rollno
1	Prity Laishram	12
2	Sneha Singha	9
3	Harish Kumar	24
4	TH Niraj Singh	23
5	Sanakashi Lalgotra	22
6	Anjali Kumari	16
7	Ayush Suklabaidya	2
8	PC Malsawmtluanga	4
9	C Vanlalruatmawia	26

This is the project for Group-2

1) Collect the photo of different Computer Memory storage.
2) You have to printed out the pictures of the memory storage one by one**(Colour printing is preferable)**
3) You will paste those printed out the pictures of computer memory to chart paper.
4) You have to mention the name of those hardware below the pictures.
5) Mention your group numbers and also write down your members on it .

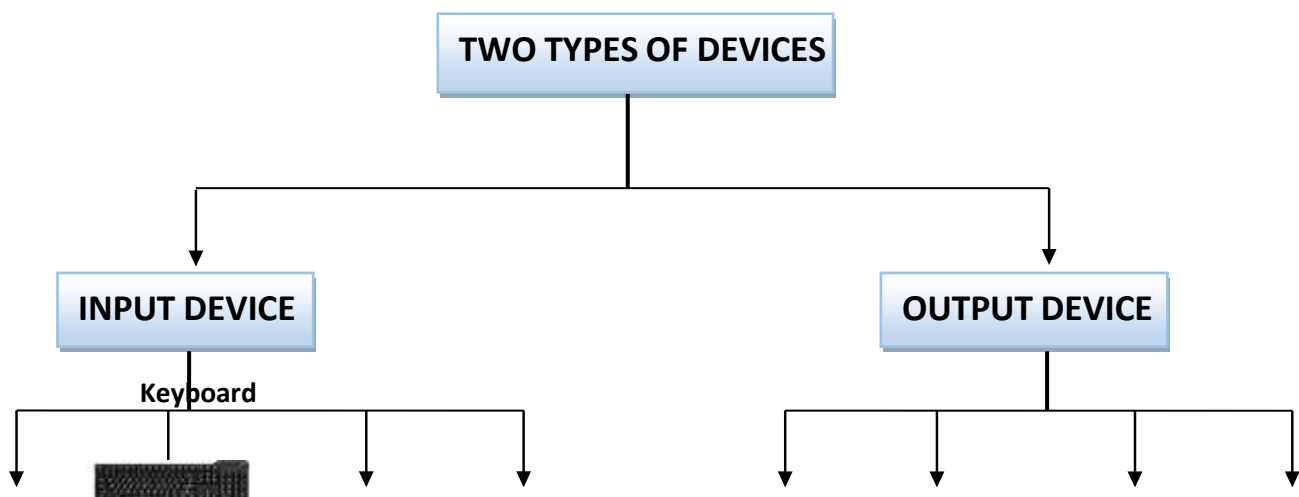### Here is the demonstration of Group-2 project.

TYPES OF COMPUTER MEMORY

Primary Memory

Secodary Memory

RAM Memory)

Group-3 Members

SI.NO	Name	Rollno
1	Melody Lalngaihawmi	3
2	Samuel Malsawmtluanga	10
3	B Lalhmachhuana	18
4	Hani Lalmalsawmi Hnamte	17
5	Solomon Lalnunngila	27
6	Joseph Lalhlimpuia	28
7	Romel Vanlalruatfela	14
8	Jenny B Vanlalawmawii	19
9	Daisy Rohlupuii	21

This is the project for Group-3

1) Collect the photo of different INPUT and OUTPUT device on a computer .
2) You have to printed out the pictures of those device one by one**(Colour printing is preferable)**
3) You will paste those printed out input and output devices pictures to chart paper.
4) You have to mention the name of those hardware below the pictures.
5) Mention your group numbers and also write down your members on it .

Here is the demonstration of Group-3 project

कक्षा – नवीं   **विषय - हिन्दी**

प्रश्न-1 पाठ्यक्रम की कोई भी एक कविता याद करके तथा उसका वीडियो बनाकर मुझे व्यक्तिगत प्रेषित करें। (कविता डेढ़ मिनट से पाँच मिनट) (वाचन-कौशल)

प्रश्न-2 आपका नाम मोहन है। बीमार होने की वजह से आप विद्यालय में नहीं आ सकते हो, इसलिए 5 दिन के अवकाश हेतु अपने स्कूल के प्रधानाचार्य को प्रार्थना- पत्र लिखिए।

प्रश्न-3 वॉलीबॉल मैच जीतने पर अपने मित्र को उसे बधाई पत्र लिखिए। (100 शब्द)

प्रश्न-4 'पहाड़ों का महत्त्व' या 'आज तकनीकी का ज्ञान कितना आवश्यक' विषय पर अनुच्छेद लिखिए।

प्रश्न-5 निम्नलिखित में से कोई दो फ़िल्में देखिए और उससे मिलने वाली पाँच प्रमुख शिक्षाएँ लिखिए।

(i)   I am kalam (आई एम कलाम)

(ii)   Chalk n duster (चॉक एंड डस्टर

(iii)   Taare zameen par (तारें जमीन पर)

(iv)   Baghban (बागबान))

(v)   Ummid   (उम्मीद)

(vi)   Raddi laibreri (रद्दी लाइब्रेरी)

प्रश्न-6 भारत के किन्हीं दस स्वतंत्रता संग्राम सेनानियों की परियोजना फ़ाइल बनाएँ, जिसमें इन सेनानियों की फ़ोटो, नाम, जन्म-मृत्यु तिथि, महत्त्वपूर्ण कार्य/ स्वतंत्रता प्राप्ति हेतु सहयोग आदि का वर्णन हो। (A4 साइज़ पेपर में)

प्रश्न-7 अभी तक जो भी पढ़ाया गया है, उसको कम-से कम पाँच बार दोहराएँ। आते ही उसी से प्रश्न पूछे जाएँगे।

प्रश्न-8 असम के दर्शनीय स्थलों की जानकारी देते हुए मुम्बई -स्थित अपने मित्र को पत्र लिखिए । (100 शब्द)

प्रश्न-9 उपसर्ग एवं प्रत्यय की परिभाषा लिखते हुए दोनों के 20- 20 उदाहरण लिखिए।

CLASS – IX   SUBJECT - ENGLISH

UNIT 1: SPARROWS – HERE TODAY, GONE TOMORROW?

Read the following:

1. What were once upon a time seen in millions throughout the country, are today seen only in certain pockets of India? House sparrows. Why so? Conclusively, there have been no studies to identify the exact cause behind the sudden decrease in their numbers, but studies conducted in Jharkhand, India have pegged the decrease in sparrow count to be an alarming 80 percent. And lest you may assume, this is not limited to India alone!

2. There are a variety of reasons behind the declining sparrow count; with some pointing fingers at the architecture of modern houses which leaves little space for nesting sites. Add to it the decrease in shrub vegetation areas as well and the result is a drastic loss in habitat. Excessive use of pesticides in agriculture is another cause, as it causes a decrease in reproductive efficiency of the sparrows by infecting their egg sheaths and its diet, since the chief diet of sparrows is seeds, cereals and insects which in turn are the direct victims of pesticide usage.

3. Sparrows are known to be sedentary birds that usually do not prefer undertaking long flights. However, with the advent of mobile telephony and the corresponding erection of mobile

World House Sparrow Day
20 March 2013

On this World House Sparrow Day help these cheerful little birds by providing them a bowl of water in which to bathe, some grain to enjoy and maybe a small sparrow house for them to use, placed somewhere safe.

towers any and everywhere has made the sparrows an unwitting prey to technology. Mobile towers are known to emit radiation in the frequency of 900 to 1800 MHz which not only harms the thin chick skull and sparrow eggs, but also confuses and disorients the sparrow's navigational skills. Sparrows are rarely, or rather never found in areas having mobile towers.

4. The Nature Forever Society (NFS) was founded by an Indian conservationist Mohammed Dilawar. He started his work helping the house sparrows in Nasik. Emphasizing the crying need to conserve house sparrows, Dilawar said, "The indifference caused by a lack of emotional connect has pushed these birds to the edge of extinction."

5. The NFS started an international initiative to celebrate World

Sparrow Day. This was first celebrated on 20 March 2010. After that, every year this day was celebrated all over the world to raise the awareness about house sparrows and other common birds affected by the environment. In 2012, the sparrow was adopted as the state bird of Delhi.

Question 1:

Based on the passage above, match column A with column B.
There is one extra statement in column B

Column A	Column B
Paragraph nos.	Central idea
1	*(i)* Predatory tech
2	*(ii)* A resourceful enterprise
3	*(iii)* Recognizing the need
4	*(iv)* A cause for concern
5	*(v)* Purposeful technocrats
	(vi) The grounds for the problem

a) 1.-iv, 2.-vi, 3.-i, 4.-v, 5.-ii

b) 1.-iii, 2.-ii, 3.-iv, 4.-v, 5.-i

c) 1.-iii, 2.-ii, 3.-vi, 4.-iv, 5.-i

d) 1.-iv, 2.-vi, 3.-i, 4.-iii, 5.-ii

Question 2:
Match the following collective nouns with the animals and then tick the correct option

| 3 | | 4 | |

i. murder   ii. clowder   iii. caravan   iv. school

a) 1.-i, 2.-ii, 3.-iii, 4.-iv   b) 1.-i, 2.-ii, 3.-iv, 4.-iii c) 1.-
iv, 2.-ii, 3.-i, 4.-iiid) 1.-iv, 2.-iii, 3.-ii, 4.-

Help please humans!
As you know, we don't like travelling long distances, but we have to because there's been a loss of habitat due to (a) **decrease in**........., and (b) **loss of** ......
Moreover, (c)....... has made it difficult for us to find food.
We request you to make (d)...... for us to stay safe and also put out (e).....so that we don't go hungry and thirsty.
We promise to reward you with happy sounds and sights in return!

Question 3:
Choose the option that completes the given paragraph by correctly using <u>five</u> of the seven given phrases from the text–

(i) crying need, (ii) here today, gone tomorrow, (iii) pegged the decrease, (iv) an unwitting prey, (v) theadvent of, (vi) certain pockets (vii) lack of emotional connect.

The small artisans and crafts-persons of India have been ………… to industrialization. There are ……… in most regional communities that have, for generations, relied solely on weaving, handicrafts, etc. as a primary source of income. So, it is safe to say that there is a ………... to now support these artisans especially, in the face of a ready availability of machine-made products, imported items, and a general ……….with our own culture. If things continue this way, the future truly looks bleak for our local artisans – they could well be ……….

    a) vi, vii, ii, i, iv
    b) iv, vi, i, vii, ii
    c) iii, vii, i, vi, ii
    d) ii, vi, ii, vii, iv

Question 4:
    Based on your reading of the passage, complete this sparrow's plea for survival.

Record your answers
/responses--a) to e), againstthe correct question no. on your sheet.
(a) …………………………………
(b) …………………………………
(c) …………………………………

Question 5:

The text states that the World Sparrow Day is celebrated <u>all over the world</u>

(i)   because………………………………………..……………………………………(ii)   in order

to……………………………………………………………………………………………………

………………

Question 6:

The following is today's Delhite's response to the fact that the sparrow was adopted as the state bird ofDelhi as far back as 2012.

Rearrange the following words to make sense of the response.

DELHI'S STATE BIRD, / A RARE SPECIES/ THAT DESPITE/ IS TODAY, / BEING/ IT IS/ INTHE/ THE HOUSE SPARROW/ IRONICAL, / CAPITAL

…………………………………………………………………………………………
…………………………………………………………………………………………
…………………………………………………………………………………………

Question 7:

Complete the following statement by choosing the correct option.

Mohammed Dilawar is a <u>conservationist</u>. Such a person is one who
- a) manages natural habitats including parks, forests, and rangelands
- b) favors traditional views and values
- c) is driven by a set of over-arching beliefs and ideology
- d) advocates for the protection and preservation of the environment and wildlife.

Question 8:

Choose the option that is NOT true according to the text.
- a) Sparrows rarely undertake long flights
- b) The house sparrow is the state bird of Delhi
- c) Sparrows are often found perching on mobile towers
- d) Sparrows are now visible only in some pockets in the country

Question 9:

List the possible reasons for the decline in the sparrow population?

Question 10:

Pesticides infect the egg **sheaths** of the sparrows. Based on your understanding of what a 'sheath' is, choose an option which lists the illustration/image that uses a sheath.

(i)   (ii)   (iii)   (iv)

- a) Image (i)
- b) Image (ii)
- c) Image (iii)
- d) Image (iv)

Class 8 English(Critical and Creative Thinking)

Read the details carefully:

MR. BHATNAGAR

I'm an English teacher and have a big

family, so I have a very busy daily

routine! First I get up every day at six

o'clock, get washed and dressed, leave

for work by seven thirty. I get to school

at eight o'clock. I prepare my lessons

and then teach until noon. The other

teachers and I always eat lunch and talk

together in the teacher's room. I teach

again in the afternoon and then correct

my students' homework and tests.

After I

get back home, I help my kids with

homework. I have three kids in

elementary school. Their names are

Rahul, Rohan and Priyanka. Then I do

some exercise, eat my dinner with my

family and watch TV before I go to bed

at about ten o' clock. We love to watch

travel shows. Finally I read in bed before

I fall asleep.

JYOTSANA…,

Well, I almost always get up early, at

about five-thirty. I get up early because

I like to go jogging along the beach and

watch the sun rise. Later after

breakfast, I go to work. I work in a

bank near my home. I don't drive to

work, I take a bus, as it only takes

about twenty minutes to get to work.

After work, I like to go to my favourite

bakery and buy some fresh bread. I get

home between five o' clock and five

thirty. My husband Michael usually

makes dinner because he loves to cook.

In fact, he is a chef in a restaurant. His

hobby is growing flowers in our garden.

We also have a pet dog called Wolfie.

In the evenings we take Wolfie for a

walk, and then get to bed by 9:30 p.m.

because we have to get up early again

the next

Answer the questions
Q.1 Whose life style attracts you more and why?
……………………………………………………………………………
……………………………………………………………………………
……………………………………………………………………………
Q.2 According to you who is leading a healthier lifestyle and why?
……………………………………………………………………………
……………………………………………………………………………
……………………………………………………………………………
……………………………………………………………………………
Q. 3 List at least one common thing that you feel is really positive in both the people?
……………………………………………………………………………
……………………………………………………………………………

…………………………………………………………………………………
…………………………………………………………………………………

Q. 4 Do you feel that being socially adjustable is a good quality? Give your opinion in context to the text and further support your answer with a real life example.

……………………………………………………………………

. WRITING- Person Description on

1) My grandmother
2) My Favorite sportsman .

EVENT DESCRIPTION

1) Write a short report on Science exhibition organized in your Vidyalaya at Cluster level.
2) You have given a surprise birthday bash to your great grandfather on completing his centenary (100 years). Write a short description of this event.

. STORY WRITING- 2 stories (From All in one)

Q.4 Value Based Question-

1) Write the message of poem The Brook & The Road not taken.
2) Write a short note on Importance of education in reference with the lesson " How I taught my grandmother ".
3) What services did the dog give in the survival of Chuck Hooper? Do we give justice to our animals?

CLASS – IX   SUBJECT – SOCIAL SCIENCE

1. MCQ - 15 each from each chapter.
      History chapter-1- FRENCH REVOLUTION

      Geography chapter-1, -INDIA SIZE AND LOCATION

      Economics chapter-1- THE STORY OF VILLAGE PALAMPUR

2. What is the impact of COVID-19 PANDEMIC on Indian Economy? (Any three impact)?

Three or Four Pages with pictures and support materials such as graph, map, datas etc. (Hints- Impact on Education, Entertainment, Health services, Tourism, Agriculture, Trade and Commerce, Daily workers, Transport and Communication.)

CLASS – IX   SUBJECT – SCIENCE

1. Answer the following questions.

   1. Why is ice at 273 K more effective in cooling than water at the same temperature?
   2. Name the two gases which are supplied in compressed form in homes and hospitals.
   3. What is dry ice?

2. List three characteristics of particles of matter. Describe one example for each characteristic to illustrate it.

Name the characteristics which are responsible for

(a) Spreading of smell of scent in a room and

(b) Water taking the shape of the vessel in which poured.

3. When a solid melts, its temperature remains constant. Explain giving reasons why?

4. Classify each of the following as a homogeneous or heterogeneous mixture. Soda water, wood, air, soil, vinegar, filtered tea.

5. Classify the following into elements, compounds, and mixtures.

a) Sodium

b) Soil

c) Sugar solution

d) Silver

e) Calcium carbonate

f) Tin

g) Silicon

h) Coal

i) Air

j) Soap

k) Methane

l) Carbon dioxide

m) Blood

CLASS – IX   **SUBJECT - MATHEMATICS**

Q.1 State whether the following statements are true or false. Give reasons for your answers.

(i) Every natural number is a whole number.   (ii) Every integer is a whole number.

(iii) Every rational number is a whole number.

Q.2 Show how $\sqrt{5}$ can be represented on the number line.

Q.3 Classify the following numbers as rational or irrational :

(i) $\sqrt{23}$ (ii) $\sqrt{225}$ (iii) 0.3796

(iv) 7.478478... (v)1.101001000100001...

Q.4 Simplify each of the following expressions:
(i) $(3 + \sqrt{3})(2 + \sqrt{2})$ (ii) $(3 + \sqrt{3})(3 - \sqrt{3})$

Q.5 Classify the following as linear, quadratic and cubic polynomials:

(i) $x^2 + x$ (ii) $x – x^3$ (iii) $y + y^2 + 4$ (iv) $1 + x$

(v) $3t$ (vi) r^2 (vii) $7x^3$

Q.6 Find p(0), p(1) and p(2) for each of the following polynomials:

(i) $p(y) = y^2 – y + 1$

(ii) $p(t) = 2 + t + 2t^2 – t^3$

Q.7 Find the remainder when $x^3 – ax^2 + 6x – a$ is divided by $x – a$.

Q.8 Find the value of k, if $x – 1$ is a factor of p(x) in each of the following cases:

(i) $p(x) = x^2 + x + k$ (ii) $p(x) = 2x^2 + kx + \sqrt{2}$

Q.9 Factorise each of the following:

(i) $8a^3 + b^3 + 12a^2b + 6ab^2$ (ii) $8a^3 – b^3 – 12a^2b + 6ab^2$

(iii) $27 – 125a^3 – 135a + 225a^2$

Q.10 Verify :

(i) $x^3 + y^3 = (x + y)(x^2 – xy + y^2)$ (ii) $x^3 – y^3 = (x – y)(x^2 + xy + y^2)$

 (iii) Write the name of the point where these two lines intersect.

CLASS – IX   **SUBJECT - MUSIC**

1) Leran and memories Anuvrat geet(naitikta ki)

2) Revise all the community songs you have learned.

3) Make a video of any community song.

4) Make a dance video of any patriotic song.

5) Draw a picture of any musical instrument.

CLASS – IX   **SUBJECT - COMPUTER**

HOME ASSIGNMENT - Class_IX

1. Watch a movie called "The Imitation game(2014) -**This movie is about the story of Alan Turing who is one of the founding father of AI**". (We will dicussed about the movie after summer vacation and I will asked you some questions on it)

2. Read about who is the father of AI(Artificial Intelligence) and read it his Auto Biography.

(In Point 2, I will let you write the article about their Auto-Biography as a class test after summer vacation)

3. Write down at least 10 different shortcut keys in the computer keyboard (Base on windows operating system) and mention their functions .
   For example : 1) Ctrl+C: To copy the selected item.
   2)
   3)
   (About Question number 3, you will write on your notebook and you will have practical test on this, after summer vacation)

कक्षा – दसवीं   विषय – हिन्दी

प्रश्न-1 पाठ्यक्रम की कोई भी एक कविता याद करके तथा उसका वीडियो बनाकर मुझे व्यक्तिगत प्रेषित करें। (कविता डेढ़ मिनट से पाँच मिनट) (वाचन-कौशल)

प्रश्न-2 आपका नाम रोहन है। बीमार होने की वजह से आप विद्यालय में नहीं आ सकते हो, इसलिए 5 दिन के अवकाश हेतु अपने स्कूल के प्रधानाचार्य को प्रार्थना- पत्र लिखिए।

प्रश्न-3 फुटबॉल मैच जीतने पर अपने मित्र को उसे बधाई पत्र लिखिए। (100 शब्द)

 प्रश्न-4 'पहाड़ों का महत्त्व' या 'आज तकनीकी का ज्ञान कितना आवश्यक' विषय पर अनुच्छेद लिखिए।

प्रश्न-5 निम्नलिखित में से कोई दो फ़िल्में देखिए और उनसे मिलने वाली पाँच प्रमुख शिक्षाएँ लिखिए :—

(i)   I am kalam (आई एम कलाम)

(ii)   Chalk n duster (चॉक एंड डस्टर

(iii)   Taare zameen par (तारें जमीन पर)

(iv)   Baghban (बागबान))

(v)   Ummid   (उम्मीद)

(vi)   Raddi laibreri (रद्दी लाइब्रेरी)

प्रश्न-6 भारत के किन्हीं दस स्वतंत्रता संग्राम सेनानियों की परियोजना फ़ाइल बनाएँ, जिसमें इन सेनानियों की फ़ोटो, नाम, जन्म-मृत्यु तिथि, महत्त्वपूर्ण कार्य/ स्वतंत्रता प्राप्ति हेतु सहयोग आदि का वर्णन हो। (A4 साइज़ पेपर में)

प्रश्न-7 अभी तक जो भी पढ़ाया गया है, उसको कम-से कम पाँच बार दोहराएँ। आते ही उसी से प्रश्न पूछे जाएँगे।

प्रश्न-8 आईजोल ज़िले के दर्शनीय स्थलों की जानकारी देते हुए मुम्बई -स्थित अपने मित्र को पत्र लिखिए । (100 शब्द)

CLASS – X   SUBJECT - ENGLISH

Problem Faced By Farmers in 1800s Regarding RailroadsRailroads were a chief focus of complaint by farmers in the late nineteenth century. One of the first farmer's cooperative groups formed after the Civil War, called The Grange or Patrons of Husbandry, was founded specifically to address farmer's problems with the railroads.In a nutshell, farmers were upset with the high charges the railroads imposed on them to ship farm goods to market. They argued that since a single railroad often had a monopoly over certain lines, the lack of competition lead to price gouging. As the farmers had no choice but to ship their products using the railway that might be available, the railroad company could charge whatever it wanted. (Today, we have similar fears over our equivalent of railway lines—the internet—and the outsized power of companies like Google and Amazon to set high prices for access.) This price gouging, the farmers said, was unfair. They petitioned for the government to nationalize (take over and run) the railroads and charge fair prices.The complaints of the organized farm societies against the railroads had a lasting impact on the United States. Rather than socialize the railroads, the government regulated private capital. In 1887, for instance, Congress passed the landmark Interstate Commerce Act, which took regulatory power from the railways out of the hands of states and put the federal government in charge of regulating long distance rail shipping. Another significant piece of legislation was the Sherman Antitrust Act of 1890, which ended the legal right of a business to operate as a monopoly and led to the breakup of existing monopolies. The antitrust act also forbade companies tocolludeor work together to fix prices.

Read the given information carefully and answer the following questions accordingly.*All the questions are compulsory.*Each question carries 1 mark each.

1.What was the name of the first farmer's cooperative groups formed after the Civil War?

a.The Grangeb

The Patterns of Grangec.

The Grangeor Patrons of Husbandryd

The Grange of Husbandry

2. The farmers were upset with.,…….

a. their produce of cropsb.

b. high charges imposed by the railroadsc.

c. no rain in the villaged.

d.None of the above

3.When was Sherman Antitrust Act introduced? 4..What were the results of the implementation of the Landmark Interstate Commerce Act?

5.What is the meaning of the word 'nationalize' in the comprehension?

a..monopoly.

b.poor producec.

c.high pricesd.

d. take over and run

 2.**Read the given stanza carefully and answer the questions that follow.**

Some says the world will end in fire

 somesays in iceFrom

what I've tasted of desireI

 hold with those who favour fire."

1.According to the stanza, what would be the probable cause/s of the end of the world?

2.What do you infer from the following sentence?I hold with those who favour fire.

a.The poet favours peace

b. poet believes in maintaining harmony

c. The poet supports those who undertake violence

 d. The poet is pacifists

3.Which of the following words given in the stanza means the same as'approval'?i

a.tasted

b. desire

c. favour

d.hold

Q.3 Read the stanza given below and answer the questions that follow.

But if it had to perish twice,

I think I know enough of hate.

To say that for destruction

ice also great and would suffice

1.What according to the poet is sufficient for world destruction?

2.The poem essentially talks about how human feelings are capable of destroying the world. In the present context, the world also suffers on account of many activities undertaken by human beings. Which of the following phenomena comes under the said category?i.

a.Tsunami

b.Earthquake

c.Tornado

Q.4. Read and write 10 examples of each- 1) Modals 2) Subject-verb concord 3) Clauses.

Q.5. Write 15 literary devices with one example prepare them in both chart and file.

Q.6. Write the message of the poetries- 1) Fire and the ice 2) Dust and Snow 3) A Tiger in the Zoo.

Q.7. Value Based Question- 1) Write a short note on Lencho's character.

2) What was the opinion of Nelson Mandela regarding freedom?

3) Did Mrs. Pumphrey act on the advice given by Dr. Harriot? If not why?

Q.8. Prepare a project on G-20 in file.

CLASS – X   SUBJECT – SOCIAL SCIENCE

Read the following chapters thoroughly from your text book and write the assignment given below.

- The rise of nationalism in Europe

- Resources and Development

History

1. "No doubt, Napoleon had destroyed democracy in France, but in the administrative field he had incorporated revolutionary principles in order to make the whole system more rational and efficient." Support the statement.

2. How did nationalism develop through culture in Europe? Explain.

3. "The decades of 1830 has brought great economic hardship in Europe". Support the statement with arguments.

4. Explain any three causes of conflict in the 'Balkan area' after 1871.

5. Describe the process of unification of Germany.

6. Explain the process of unification of Italy.

7. "Nationalism in Britain was different from the rest of Europe". Support the statement.

8. Read the source given below and answer the questions that follows:

The 18th century, Germany was divided into a number of states. Prussia was most powerful, dominated by big landlords known as Junkers. Nationalist feelings were widespread among middle class Germans who had tried to unite the different regions of the German federation into a nation-state governed by an elected Parliament. In May 1848, a large number of political associations came together to vote for an all-German National Assembly. Their representatives met at Frankfurt and the Frankfurt Assembly proposed the unification of Germany as a constitutional monarchy under the King of Prussia as emperor. The King of Prussia rejected the offer and the liberal initiative of nation building was repressed by the combined forces of the monarchy, the military and the 'Junkers'. Then on, Prussia under its Chief Minister Otto von In Bismarck led the movement for unification of Germany. Bismarck carried out this process with the help of the Prussian army and the bureaucracy. He fought three wars over seven years with Denmark, Austria and France. Prussia was victorious in all these wars and the process of unification was completed as a result of Prussia's victory over France. Consequently, on 18th January 1871, an assembly comprising of princes of German States, representatives of the army, important Prussian ministers and Bismarck gathered in the Palace of Versailles and proclaimed the Prussian King, Kaiser William, the new German Emperor.

(Answer the following MCQs by choosing the most appropriate option

I.The goal of the Frankfurt Assembly in 1848 was to

a. Trying to unify the various regions of the German federation as a nation-state under an elected parliament

b. Draft the war plans to conquer France

c. Establish the capital of Prussia

d. Establish and alliance with Italy

II. This nation took the lead in the unification of Germany

a. Austria

b. Bavaria

c. Prussia

d. Holstein

III. Who was proclaimed German Emperor after its unification?

a. Prussian King William I

b. The Russian King William I

c. The chief minister, otto van Bismarck

d. Lenin

IV. Who was responsible for the unification of Germany?

a. Bismarck

b . Garibaldi

c. Cavour

d. Mazzini

• Geography

1. What do you understand by a 'Resource'? "Resources are a function of human activities." Justify this statement.

2. Distinguish between the following:

i.Stock and Reserves.

ii.Renewable and Non-Renewable resources.

iii.Bangar and Khadar

iv.Red and laterite soils

3. "India has enormous diversity in the availability of resources." Name four varied regions to justify this statement.

4. "Indiscriminate use of natural resources has led to numerous problems." Justify the statement.

5. What do you understand by conservation of resources? Why is it necessary to conserve our resources? Give three reasons.

6. Write five human activities which have caused land degradation. Write some measures/ways

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CLASS – X   SUBJECT – SCIENCE

Answer the following questions:

1. Write the balanced chemical equations for the following reactions and identify the type of reaction in each case.

(a) Nitrogen gas is treated with hydrogen gas in the presence of a catalyst at 773K to form ammonia gas.

(b) Sodium hydroxide solution is treated with acetic acid to form sodium acetate and water.

(c) Ethanol is warmed with ethanoic acid to form ethyl acetate in the presence of concentrated H_2SO_4.

(d) Ethene is burnt in the presence of oxygen to form carbon dioxide and water and releases heat and light.

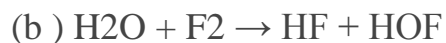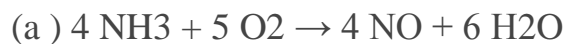2. Which among the following changes are exothermic or endothermic in nature?

(a) Decomposition of ferrous sulphate
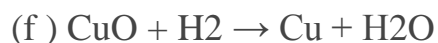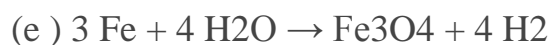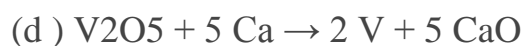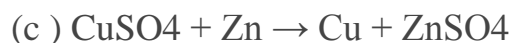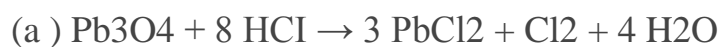
(b) Dilution of sulphuric acid

(c) Dissolution of sodium hydroxide in water

(d) Dissolution of ammonium chloride in water

3.dentify the reducing agent in the following reactions

(a) $4 NH_3 + 5 O_2 \rightarrow 4 NO + 6 H_2O$

(b) $H_2O + F_2 \rightarrow HF + HOF$

(c) $Fe_2O_3 + 3 CO \rightarrow 2 Fe + 3 CO_2$

(d) $2 H_2 + O_2 \rightarrow 2 H_2O$

4.Identify the oxidising agent (oxidant) in the following reactions

(a) $Pb_3O_4 + 8 HCI \rightarrow 3 PbCl_2 + Cl_2 + 4 H_2O$

(b) $2 Mg + O_2 \rightarrow 2 MgO$

(c) $CuSO_4 + Zn \rightarrow Cu + ZnSO_4$

(d) $V_2O_5 + 5 Ca \rightarrow 2 V + 5 CaO$

(e) $3 Fe + 4 H_2O \rightarrow Fe_3O_4 + 4 H_2$

(f) $CuO + H_2 \rightarrow Cu + H_2O$

5. A magnesium ribbon is burnt in oxygen to give a white compound X accompanied by light emission. If the burning ribbon is now placed in an atmosphere of nitrogen, it continues to burn and forms a compound Y.

(a) Write the chemical formulae of X and Y.

(b) Write a balanced chemical equation when X is dissolved in water.

6. On heating blue coloured powder of copper (I) nitrate in a boiling tube, copper oxide

(black), oxygen gas, and a brown gas X is formed

(a) Write a balanced chemical equation of the reaction.

(b) Identity the brown gas X evolved.

(c) Identify the type of reaction.

(d) What could be the pH range of the aqueous solution of the gas X?

7.In one of the industrial processes used to manufacture sodium hydroxide, a gas X is formed as a byproduct. The gas X reacts with lime water to give a compound Y used as a bleaching agent in the chemical industry. Identify X and Y giving the chemical equation of the reactions involved.

8.Salt A is commonly used in bakery products on heating gets converted into another salt B, which is used to remove the hardness of water, and a gas C is evolved. The gas C, when passed through lime water, turns it milky. Identify A, B and C.

9.Match the acids given in Column (A) with their correct source given in Column (B)

Column A	Column B
	Lactic acid
Tomato	
	Acetic acid
Lemon	
	Citric acid
Vinegar	
curd	
	Oxalic acid

10. In one of the industrial processes used to manufacture sodium hydroxide, a gas X is formed as a byproduct. The gas X reacts with lime water to give a

compound Y used as a bleaching agent in the chemical industry. Identify X and Y giving the chemical equation of the reactions involved.

Answer:

CLASS – X   SUBJECT - MUSIC

1) Leran and memories Anuvrat geet(naitikta ki)

2) Revise all the community songs you have learned.

3) Make a video of any community song.

4) Make a dance video of any patriotic song.

5) Draw a picture of any musical instrument.

CLASS – X   SUBJECT - COMPUTER

HOME ASSIGNMENT - Class_X

1. Watch a movie called "The Imitation game(2014) -**This movie is about the story of Alan Turing who is one of the founding father of AI**". (We will dicussed about the movie after summer vacation and I will asked you some questions on it)
2. Write the articles (Mizo or English):-
   - About your Aim in Life.
   - Planning about your future.
   - Your Auto-Biography.
   - What jobs are you looking for.
     (It should be at least 2 pages and should be more than 400 words, and write it on a piece of paper by mentioning your NAME, CLASS, ROLL NO)
3. Read about who is the father of AI(Artificial Intelligence) and read it his Auto Biography.
        (In Point 3 I will let you write the article about their Auto Biography as a class test after summer vacation)

CLASS – X   **SUBJECT - MATHEMATICS**

Q.1   Use Euclid's division algorithm to find the HCF of : (i) 135 and 225

(ii) 196 and 38220   (iii) 867 and 255

Q.2   Use Euclid's division lemma to show that the cube of any positive integer is of the form 9m, 9m + 1 or 9m + 8.

Q.3   Find the LCM and HCF of the following integers by applying the prime factorisation method.

(i) 12, 15 and 21   (ii) 17, 23 and 29   (iii) 8, 9 and 25

Q.4   Prove that the following are irrationals:
(i) $3 + 2\sqrt{5}$ (ii) $7\sqrt{5}$

Q.5   Find the zeroes of the following quadratic polynomials and verify the relationship between the zeroes and the coefficients.

(i) $x^2 - 2x - 8$ (ii) $4s^2 - 4s + 1$ (iii) $6x^2 - 3 - 7x$

Q.6   Find a quadratic polynomial each with the given numbers as the sum and product of its zeroes respectively

(i) 0 , $\sqrt{5}$ (ii) 4 , 1

Q.7   On dividing $x^3 - 3x^2 + x + 2$ by a polynomial g(x), the quotient and remainder were $x - 2$ and $-2x + 4$, respectively. Find g(x).

Q.8   The coach of a cricket team buys 3 bats and 6 balls for 3900 rupees. Later, she buys another bat and 3 more balls of the same kind for 1300 rupees. Represent this situation algebraically and geometrically.

Q.9 Half the perimeter of a rectangular garden, whose length is 4 m more than its width, is 36 m. Find the dimensions of the garden.

Q.10 Given the linear equation $2x + 3y - 8 = 0$, write another linear equation in two variables such that the geometrical representation of the pair so formed is:

(i) intersecting lines   (ii) parallel lines   (iii) coincident lines

Q.11 Solve $2x + 3y = 11$ and $2x - 4y = -24$ and hence find the value of 'm' for which $y = mx + 3$.

Q.12 Form the pair of linear equations for the following problems and find their solution by substitution method.

(i) The difference between two numbers is 26 and one number is three times the other. Find them.

(ii) The larger of two supplementary angles exceeds the smaller by 18 degrees. Find them.