



**HARI VIDYA BHAWAN**

**CLASS: - 6**

*Winter  
Holiday  
Homework*



# HARI VIDYA BHAWAN

(SESSION-2021-22)

## WINTER VACATION HOILIDAY HOMEWORK

### CLASS-VI

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#### GENERAL INSTRUCTIONS: -

- Students are advised to make one single thick copy for all subject winter holiday homework.
- Please divide your holiday homework copy for all subjects to avoid any inconvenience.
- Holiday homework copy, Hindi and English handwriting copies will be submitted in January PTM in the school.
- Holiday Homework will be marked in your report card.
- Students are requested to consult their class teacher for any doubt regarding holiday homework.

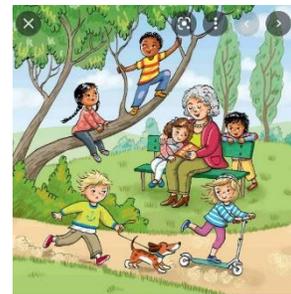
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#### ENGLISH

1. Do one page handwriting daily in your English handwriting copy.
2. In the active app follow the sections 16.16.6, 7.7.6, 22.22.2 and play the said games. These are fun games which will enhance your English knowledge.
3. Choose any Three topic to write a paragraph (150-200 words) in your holiday homework notebook.
  - Share your experience of our online classes.
  - What was your resolution for this year.
  - Imagine you are the monitor of your class, how will you maintain the discipline.
  - If you get all the money in the world what will you do of that.
  - Describe the scene at railway station.
  - Save electricity
  - Physical factor and nonphysical factor of human resources
  - Important of reading newspaper
4. You have to watch these stories shared in the form of links below and write summary in your holiday homework notebook.
  - a. [https://youtu.be/mhvRk\\_46G\\_g](https://youtu.be/mhvRk_46G_g)
  - b. <https://youtu.be/DaNkoB4G9Hk>
  - c. <https://youtu.be/FaoevMkMu1M>

#### 5. Picture Composition

Analyse the picture below and write a paragraph in a small story explaining the scenario/situation in the picture.



#### 6. Letter Writing:

- a) Write a letter to the Newspaper Editor, raising concerns about the increase in number of stray dogs in your society and how they are causing trouble to the members.

- b) Write a letter to the Principal of your school, asking him to grant a leave for 1 week on the occasion of your cousin marriage.

## HINDI

1. हिन्दी की सुलेख कॉपी में 10 पेज सुलेख लिखने हैं ।
2. पाठ्यपुस्तक उद्भव में पाठ 11, 12, 13 और 15 के मौखिक, बहुविकल्पीय और लघु उत्तरीय प्रश्न - उत्तर लिखिए और याद कीजिए ।
3. पाठ्यपुस्तक उद्भव में पाठ 11, 12, 13 और 15 के पीछे दिया भाषा - व्याकरण वाला अभ्यास कार्य कीजिए और लिखाई का विशेष ध्यान दीजिए ।
4. पाठ्यपुस्तक हिन्दी व्याकरण में काल, अव्यय/अविकारी शब्द और वाक्य की परिभाषा बताते हुए उनके भेदों के बारे में लिखिए ।
5. पाठ्यपुस्तक हिन्दी व्याकरण में पृष्ठ संख्या 171 पर दिया गया अनुच्छेद लिखिए ।
6. हिन्दी व्याकरण में पृष्ठ संख्या 162 पर दिया गया माँ को अनुमति पत्र लिखिए ।

## MATHEMATICS

1. Find 10 MCQ questions from the chapters (Chapter 9 Data Handling and Chapter 10 Mensuration), and write it down in your holiday homework notebook.

(Note: You can search these MCQ on internet or in your Math Rehearse Book.)

2. Solve the following questions in your holiday homework notebook :

(i). Following are the choices of games of 40 students of Class VI: football, cricket, football, kho-kho, hockey, cricket, hockey, kho-kho, tennis, tennis, cricket, football, football, hockey, kho-kho, football, cricket, tennis, football, hockey, kho-kho, football, cricket, cricket, football, hockey, kho-kho, tennis, football, hockey, cricket, football, hockey, cricket, football, kho-kho, football, cricket, hockey, football.

(a) Arrange the choices of games in a table using tally marks.

(b) Which game is liked by most of the students?

(c) Which game is liked by minimum number of students?

(ii). The number of scouts in a school is depicted by the following pictograph:

Class	Number of scouts	 = 10 scouts
VI		
VII		
VIII		
IX		
X		

Observe the pictograph and answer the following questions:

- (a) Which class has the minimum number of scouts?
- (b) Which class has the maximum number of scouts?
- (c) How many scouts are there in Class VI?

(d) Which class has exactly four times the scouts as that of Class X?

(e) What is the total number of scouts in the Classes VI to X?

(iii). Rectangular wall MNOP of a kitchen is covered with square tiles of 15cm length (Fig. 6.19). Find

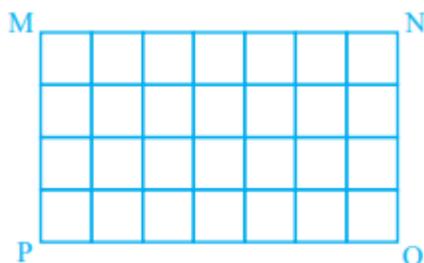


Fig. 6.19

the area of the wall.

(iv). Amita wants to make rectangular cards measuring 8cm × 5cm. She has a square chart paper of side 60cm. How many complete cards can she make from this chart? What area of the chart paper will be left?

(v). Perimeter of a square and a rectangle is same. If a side of the square is 15cm and one side of the rectangle is 18cm, find the area of the rectangle.

3. Project 1: Make a Rangoli design with the help of different geometrical shapes you know (2D only)  
(Note: Then paste it on your holiday homework notebook)

## SCIENCE

- Write the answers of the questions A, B, C and D from the Exercise of chapter 13 of your Science Book (page no. 208) in holiday homework notebook.
  - Write the answers of the questions B, C and D from the Exercise of chapter 12 of your Science Book (page no. 197) in holiday homework notebook.
- Write the objectives, requirements, procedures and observations and draw the picture of the Experiments of the following topics in your SCIENCE PRACTICAL BOOK.
  - Light, Shadow and reflection (page no. 27 of science practical book)
  - Separation of Substances (page no. 16 of science practical book)
- Make a small science project on A3 size paper and practice speech on the following topics. (DO ANYONE OF THE GIVEN TOPICS)

Serial number	Topics
1	Food Chain
2	Movement in Earthworm
3	Parts of a Flower
4	Electric Circuit
5	Taproot and Fibrous root
6	Animal Fibres

## SOCIAL SCIENCE

1. In the active app play the said games from the following chapter and frame 5-5 one word Answer type questions with correct answers from the following chapters: -  
History: - Chapter: - 4, 5, 7  
Geography: - Chapter: - 4, 6, 7  
Civics: - Chapter: - 4, 5, 6
  2. Paste a political map of India in your holiday homework notebook and learn & write all state names with their capitals.
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## SANSKRIT

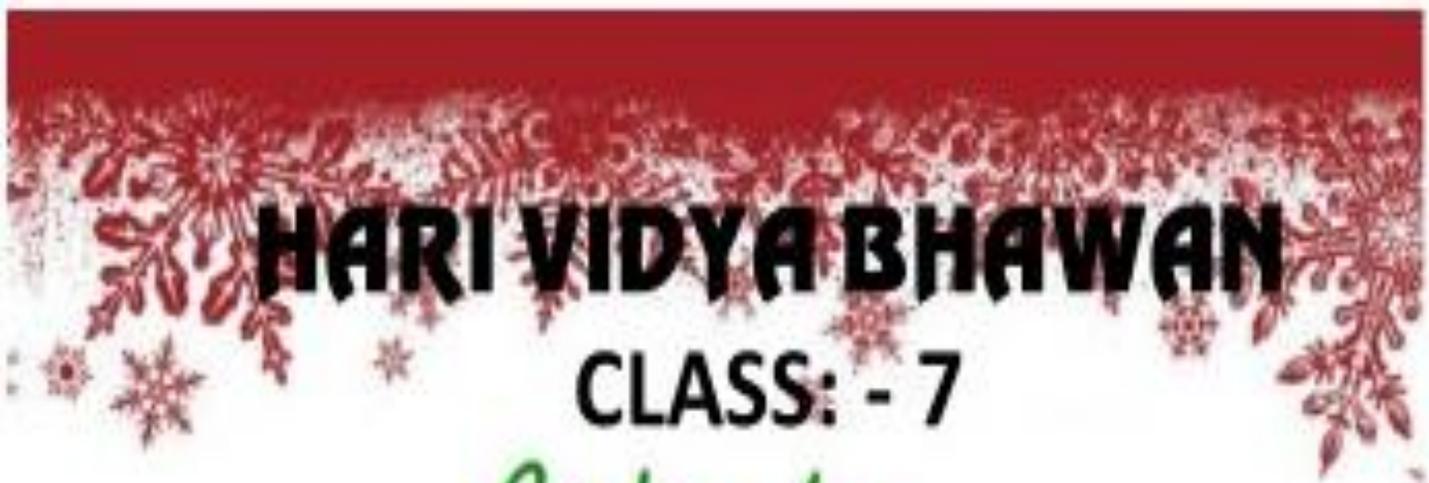
1. पाठ --7, 8, 9 और 10 के शब्दार्थ लिखिए ।
2. पाठ -- 8, 9, 10 का हिन्दी अनुवाद लिखिए ।
3. पाठ -- 8, 9, 10, 11 का पाठ के पीछे दिया गया अभ्यास कार्य लिखिए ।
4. संस्कृत में 1-30 तक गिनती लिखिए ।
5. पाठ्यपुस्तक ऋद्धिसंस्कृतं में पृष्ठ संख्या - 123 पर दिया गया फल और नदी का शब्द रूप लिखिए ।
6. पाठ्यपुस्तक ऋद्धिसंस्कृतं में पृष्ठ संख्या - 124, 125 पर दिया गया पठ् और अस् धातुरूप लिखिए ।

## COMPUTER

1. Write questions and answers from the section A, B, C, D, E, F of chapter 9: Google Apps (page 9) from your Computer Book in your holiday homework notebook.
2. Learn and write uses and benefits of the following Google Apps in your holiday homework notebook: (any 4)
  - a. Google Photos
  - b. Google
  - c. Youtube
  - d. Google pixel
  - e. Google Playstore
  - f. Gmail

## GK

1. Write the purpose of establishment of UNO in 100-150 words.
  2. Learn and write two current affairs from Daily news.
  3. Learn and write: - Units 6 (sports)
-

A decorative border at the top of the page featuring a repeating pattern of red leaves and snowflakes on a white background, set against a solid red background.

**HARI VIDYA BHAWAN**

**CLASS: - 7**

*Winter  
Holiday  
Homework*

A decorative border at the bottom of the page, identical to the top border, featuring a repeating pattern of red leaves and snowflakes on a white background, set against a solid red background.

# HARI VIDYA BHAWAN

(SESSION-2021-22)

WINTER VACATION HOILIDAY HOMEWORK

CLASS-VII

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## GENERAL INSTRUCTIONS: -

- Students are advised to make one single thick copy for all subject winter holiday homework.
  - Please divide your holiday homework copy for all subjects to avoid any inconvenience.
  - Holiday homework copy, Hindi and English handwriting copies will be submitted in January PTM in the school.
  - Holiday Homework will be marked in your report card.
  - Students are requested to consult their class teacher for any doubt regarding holiday homework.
- 

## ENGLISH

1. In the active app follow the sections 10.10.3, 12.12.7, 16.16.6 and play the said games. These are fun games which will enhance your English knowledge.
2. Choose any five topic to write a paragraph (150-200 words) in your holiday homework notebook.
  - Share your experience of our online classes.
  - What was your resolution for this year.
  - Imagine you are the monitor of your class, how will you maintain the discipline.
  - If you get all the money in the world what will you do of that.
  - Describe the scene at railway station.
  - Save electricity
  - Physical factor and nonphysical factor of human resources
  - Important of reading newspaper
3. You have to watch these stories shared in the form of links below and write summary in your holiday homework notebook.
  - a. [https://youtu.be/mhvRk\\_46G\\_g](https://youtu.be/mhvRk_46G_g)
  - b. <https://youtu.be/DaNkoB4G9Hk>
  - c. <https://youtu.be/FaoevMkMu1M>

### 4. Picture Composition:

Analyse the picture below and write a paragraph in a small story explaining the scenario/situation in the picture.

### 5. Letter Writing:

- a) Write a letter to the Newspaper Editor, raising concerns about the increase in crime against women in your society.



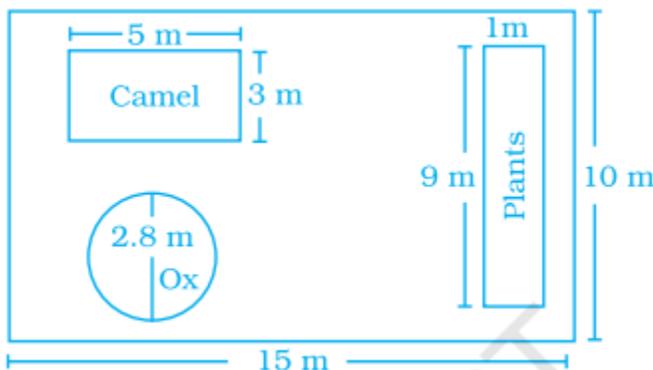
- b) Write a letter to the Principal of your school, asking him to grant fees compensation for this quarter of the year due to loss of job in your family.

## HINDI

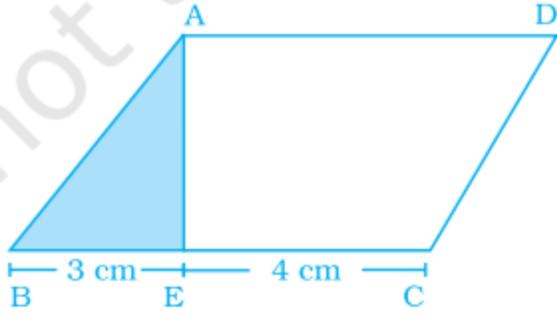
1. हिन्दी की सुलेख कॉपी में कोई 10 पेज सुलेख लिखिए ।
2. पाठ्यपुस्तक उद्भव में पाठ - 10, 12 और 14 के मौखिक, बहुविकल्पीय और लघु उत्तरीय प्रश्न - उत्तर लिखिए और याद कीजिए ।
3. पाठ्यपुस्तक उद्भव में पाठ 10, 12 और 14 का भाषा - व्याकरण वाला अभ्यासकार्य लिखिए ।
4. हिन्दी व्याकरण में काल, वाच्य और वाक्य की परिभाषा देते हुए उसके भेदों के नाम और उसके बारे में लिखिए ।
5. पाठ्यपुस्तक हिन्दी व्याकरण में पृष्ठ संख्या 176 पर दिया गया स्वास्थ्य अधिकारी को मुहल्ले की अस्वच्छता के बारे में शिकायत करते हुए पत्र लिखिए ।

## MATHEMATICS

1. Find 10 MCQ questions from the chapters (Chapter 9 Rational Numbers and Chapter 11 Perimeter and Area), and write it down in your holiday homework notebook.  
(Note: You can search these MCQ on internet or in your Math Rehearse Book.)
2. Solve the following questions:
  - (i). Write a rational number in which the numerator is less than ' $-7 \times 11$ ' and the denominator is greater than ' $12 + 4$ '.
  - (ii). Write each of the following numbers in the form  $\frac{p}{q}$ , where p and q are integers:
    - (a) six-eighths
    - (b) three and half
    - (c) opposite of 1
    - (d) one-fourth
    - (e) zero
    - (f) opposite of three-fifths
  - (iii). People of Khejadli village take good care of plants, trees and animals. They say that plants and animals can survive without us, but we cannot survive without them. Inspired by her elders Amrita marked some land for her pets (camel and ox) and plants. Find the ratio of the areas kept for animals and plants to the living area.



- (iv). A wall of a room is of dimensions 5 m  $\times$  4 m. It has a window of dimensions 1.5 m  $\times$  1m and a door of dimensions 2.25 m  $\times$  1m. Find the area of the wall which is to be painted.
- (v). In Fig. 9.35, find the area of parallelogram ABCD if the area of shaded triangle is 9 cm<sup>2</sup>.



Project 1: Using the concept of symmetry make a symmetrical mask on an A3 size sheet.  
(Note: Then paste it on your holiday homework notebook)

## SCIENCE

1. a. Write Questions and answers from back exercise (A, B, C, D) of chapter 7 and 11 in holiday homework notebook.  
Refer (page no.103 & 164)
2. Write the objectives, requirements, procedures and observations and draw the picture of the Experiments of the following topics in your SCIENCE PRACTICAL BOOK.
  - a. Acids, Bases and Salts (page no. 11 of science practical book)
  - b. Physical and Chemical Changes (page no. 13 of science practical book)
3. Make a small science project on A3 size paper and practice speech on the following topics. (Any One)

Serial number	Topics
1	Photosynthesis
2	Human Digestive System
3	Electric Circuit
4	Human Respiratory System
5	Human Excretory System

## SOCIAL SCIENCE

1. In the active app play the said games of chapter 4,5 & 8 in History, 4,7 & 8 in Geography, 5,6 & 7 in Civics. These are fun games which will enhance your knowledge about the chapters.
2. Make 5-5 MCQ questions with correct answers on Chapter: -
  - History: - 4,5 & 8
  - Geography: - 4, 7 & 8
  - Civics: - 5,6 & 7
3. You have to draw a political map of India and learn all names of state and its capital. After the winter vacation you have a map quiz Competition.

## SANSKRIT

1. पाठ -- 8, 10 और 11 के शब्दार्थ लिखिए ।
2. पाठ -- 10 ,11 और 13 का हिन्दी अनुवाद लिखिए ।
3. पाठ -- 6, 8 और 10 का पाठ के पीछे दिया गया अभ्यासकार्य लिखिए ।

4. संस्कृतपाठ्यपुस्तक में पृष्ठ संख्या - 122 पर दी गई 1-50 तक संस्कृत गिनती लिखिए ।
5. पाठ्यपुस्तक ऋद्धिसंस्कृतं में पृष्ठ संख्या - 108 पर दिया गया बालक और लता का शब्दरूप लिखिए ।
6. पाठ्यपुस्तक संस्कृत में पृष्ठ संख्या - 118, 119 पर दिए गए कृ और दृश् धातुरूप लिखिए ।

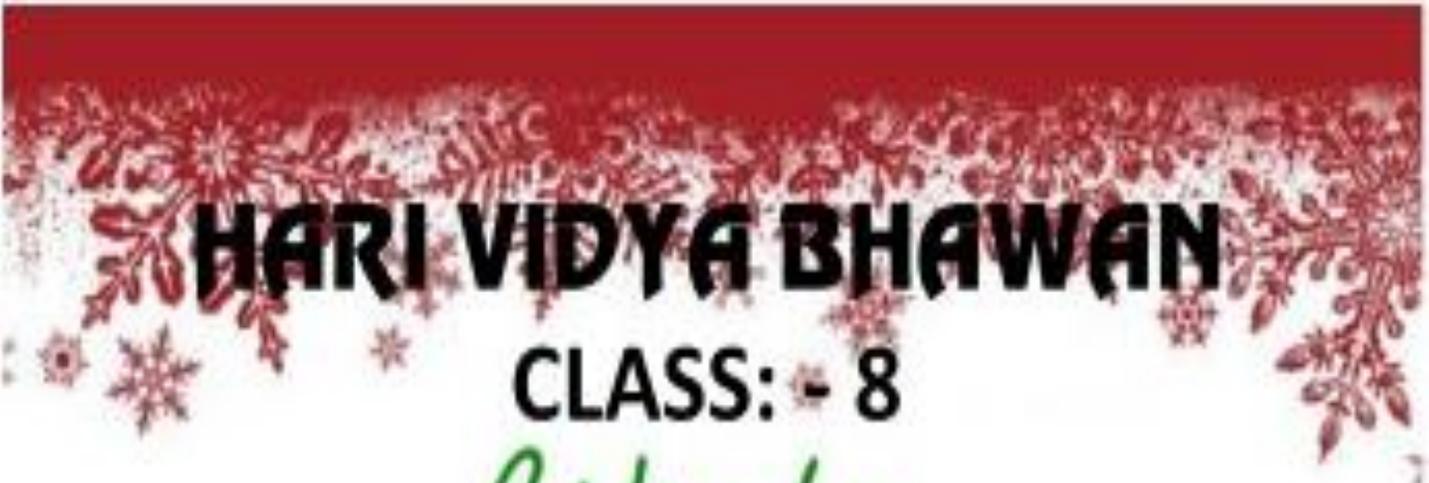
## COMPUTER

1. Write the answers of the questions of A, B, C, D, E from exercise of chapter 6 (page 90) from your Computer Book in your holiday homework notebook.
2. Write the precautions of the following cybercrimes in your holiday homework notebook: (any 4)
  - a. Spyware
  - b. SPAM
  - c. Phishing
  - d. Cyberbullying
  - e. Vulnerabilities
  - f. Cookies
3. Practice speech on the following topics.

Serial number	Topics
1	Photoshop dodge and burn effect
2	Social engineering
3	Digital footprint
4	Opacity of a photoshop layer
5	Computer virus

## GK

1. Collect and write any 20 highlights of year 2021.
  2. Write the purpose of establishment of UNO in 100-150 words.
  3. Learn and write current affairs from Daily newspaper.
  4. Learn and write :- Units 6 ( sports )
-



**HARI VIDYA BHAWAN**

**CLASS: - 8**

*Winter  
Holiday  
Homework*



# HARI VIDYA BHAWAN

(SESSION-2021-22)

WINTER VACATION HOILIDAY HOMEWORK

CLASS-VIII

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## GENERAL INSTRUCTIONS: -

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- Students are requested to consult their class teacher for any doubt regarding holiday homework.

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## ENGLISH

1. In the active app follow the sections 16.16.6, 20.20.6, 21.21.7 and play the said games. These are fun games which will enhance your English knowledge.
2. Choose any five topics to write a paragraph (150-200 words) in your holiday homework notebook.
  - Share your experience of our online classes.
  - What was your resolution for this year?
  - Imagine you are the monitor of your class, how will you maintain the discipline.
  - If you get all the money in the world what will you do of that.
  - Describe the scene at railway station.
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  - b) <https://youtu.be/DaNkoB4G9Hk>
  - c) <https://youtu.be/FaevMkMu1M>

### 4. Picture Composition

Analyse the picture below and write a paragraph in a small story explaining the scenario/situation in the picture.



### Letter Writing:

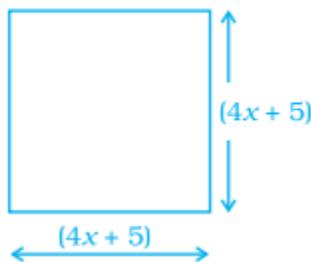
- a) Write a letter to the Newspaper Editor, raising concerns about the increase in Theft cases in your society.
- b) Write a letter to the Principal of your school, asking him to grant fees compensation for this quarter of the year due to loss of job in your family.

## HINDI

- \* हिन्दी की सुलेख कॉपी में कोई दस सुलेख लिखिए ।
- \* पाठ्यपुस्तक उद्भव में पाठ - 9, 13, 14 और 16 के मौखिक, बहुविकल्पीय और लघु उत्तरीय प्रश्न-उत्तर लिखिए ।
- \* पाठ्यपुस्तक उद्भव में पाठ - 9, 13, 14 और 16 के पीछे दिया गया भाषा-व्याकरण वाला अभ्यासकार्य लिखिए ।
- \* पाठ्यपुस्तक हिन्दी व्याकरण में पृष्ठ संख्या 199 पर दिया गया " जन्मदिन पर न आ सकने पर मित्र को पत्र लिखिए ।
- \* पाठ्यपुस्तक हिन्दी व्याकरण में पृष्ठ संख्या 230 पर दिया गया "मेरा मित्र, बड़ा विचित्र" अनुच्छेद लिखिए ।

## MATHEMATICS

1. Find 10 MCQ questions from the chapters (Chapter 9 Algebraic Expressions and Identities and Chapter 11 Mensuration), and write it down in your holiday homework notebook.  
(Note: You can search these MCQ on internet or in your Math Rehearse Book.)
2. Solve the following questions :
  - (i) The area of a square is given by  $4x^2 + 12xy + 9y^2$ . Find the side of the square.
  - (ii). The cost of a chocolate is Rs  $(x + y)$  and Rohit bought  $(x + y)$  chocolates. Find the total amount paid by him in terms of  $x$ . If  $x = 10$ , find the amount paid by him.
  - (iii). What should be added to  $4c(-a + b + c)$  to obtain  $3a(a + b + c) - 2b(a - b + c)$ ?
  - (iv). Subtract  $b(b^2 + b - 7) + 5$  from  $3b^2 - 8$  and find the value of expression obtained for  $b = -3$ .
  - (v). Find the length of the side of the given square if area of the square is 625 square units and then find the value of  $x$ .



3. Fill in the blanks to make the statements true:
  1.  $a(b + c) = a \times \underline{\hspace{2cm}} + a \times \underline{\hspace{2cm}}$ .
  2.  $(a - b) \underline{\hspace{2cm}} = a^2 - 2ab + b^2$
  3.  $a^2 - b^2 = (a + b) \underline{\hspace{2cm}}$ .
  4.  $(a - b)^2 + \underline{\hspace{2cm}} = a^2 - b^2$
  5.  $(a + b)^2 - 2ab = \underline{\hspace{2cm}} + \underline{\hspace{2cm}}$
  6.  $(x + a)(x + b) = x^2 + (a + b)x + \underline{\hspace{2cm}}$ .
  7. The product of two polynomials is a  $\underline{\hspace{2cm}}$ .
  8. Common factor of  $ax^2 + bx$  is  $\underline{\hspace{2cm}}$ .

## SCIENCE

1. a. Write the answers of the questions A, B, C and D from the Exercise of chapter 9 of your Science Book (page no. 133) in holiday homework notebook.

- b. Write the answers of the questions A, B, C from the Exercise of chapter 14 of your Science Book (page no. 209) in holiday homework notebook.
2. Write the objectives, requirements, procedures and observations and draw the picture of the Experiments of the following topics in your SCIENCE PRACTICAL BOOK.
- a. Materials: metals and non-metals (page no. 10 of science practical book)
- b. Chemical effects of Electric Current (page no. 30 of science practical book)
3. Make a small science project on A3 size paper and practice speech on the following topics according to your roll no.

Serial number	Topics	Roll no
1	Electrolysis	1 - 10
2	Asexual Reproduction in Animals	11 - 20
3	Plant Cell	21 - 30
4	Reflection of Light	31- 40

### SOCIAL SCIENCE

1. In the active app play the said games from the following chapter and frame 5-5 one word Answer type questions with correct answers from the following chapters: -

- History: - Chapter: - 4, 7, 8  
 Geography: - Chapter: - 4 & 6  
 Civics: - Chapter: - 4, 6, 7

2. You have to draw a political map of India and learn all names of state and its capital. After the winter vacation you have a map quiz Competition.

### SANSKRIT

- पाठ - 7, 8, 9 के शब्दार्थ लिखिए ।
- पाठ - 8, 9 और 10 का हिन्दी अनुवाद लिखिए ।
- पाठ - 9, 10 और 11 का पाठ के पीछे दिया गया अभ्यासकार्य लिखिए ।
- पाठ्यपुस्तक ऋद्धिसंस्कृतं में पृष्ठ संख्या - 112 पर दिए गए "अव्ययपदानि" लिखिए ।
- पाठ्यपुस्तक ऋद्धिसंस्कृतं पृष्ठ संख्या - 126 पर दिया गया -  
 " स्वविद्यालय वार्षिकोत्सवम् वर्न्यन्तः मित्रम् प्रति लिखितम् पत्रम् मन्जुषायां प्रदत्तैः पदैः सह पूरयत । " पत्र- लेखन लिखिए ।

### COMPUTER

- Write the answers of the questions of A, B, C, D from exercise of chapter 7 (page 101) from your Computer Book in your holiday homework notebook.
- Write about the following topic in your holiday homework notebook:
  - Blogging
  - Virtual personal assistant
  - Components of intelligent computer
  - Mode of payment
  - E-commerce models

## **GK**

1. Collect and write any 20 highlights of year 2021.
  2. Write the purpose of establishment of UNO in 100-150 words.
  3. Learn and write current affairs from Daily newspaper.
  4. Learn and write :- Units 6 ( sports )
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