

Summer Vacation Holiday Homework  
2022-22

For class III - VIII  
Subject: - Music

- (1) Write and Learn the patriotic Song, bhajan, Prayer and national anthem.
- (2) Do more Singing practices for all above songs.
- (3) Draw the pictures of musical instruments on a plain paper.
- (4) Prepare a dance of your choice (classical, folk) with and make a video clip.

  
30/04/22

# Summer Vacation Holiday Homework 2022-23

Class III E.V.S.

1. Make a 3D model on the topic "Water cycle".  
[Note: Avoid the use of thermacol and plastic]
2. Make any 5 drawings using leaves on a chart.
3. Make a project file showing:
  - (a) Animals and their shelters.
  - (b) Animals and their babies.
  - (c) Find out the ingredients and paste them that are used to make:-
    1. Dhokla.
    2. Dosa
    3. Samosa
    4. Lado

Ritija Singh Rathod

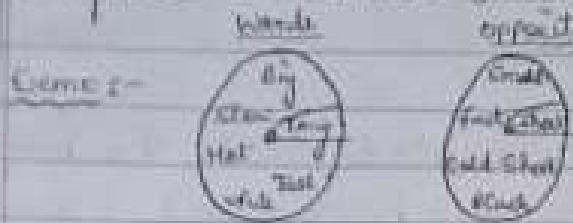
  
28/4/22



Summer Vacations Homework :-

ENGLISH

1. Prepare a "wheel model" of opposite words.



2. Write 10 lines about your family and paste their pictures. (passport size)

3. Prepare a 'birds chart' diary:  
Pictures of 10 birds.

- Name -
- Color of feathers -
- Sounds they produce -
- Eat -

4. Make an animal from the unused / waste materials of your home on a chart paper.

5. Water and feed animals and birds in these summer days and be kind towards them.

\*\*\* HAPPY VACATIONS \*\*\*

~~Signature~~

Summer Vacations Homework

Environmental Studies (E.V.S.)

1. Make a bridge with wooden sticks (icecream/bamboo sticks).
2. Make a beautiful animal or bird with the help of unused/waste materials of your home and name it.
3. Make a poster on "Prevention of Environmental Pollution" on a chart paper. (World Environment Day - June 5, 2022)
4. Make the signs of leaves with the help of some ink on your notebook. (Any 5 leaves).
5. Grow and a plant and observe it for 48 days and click the pictures of it.

\* \* \* HAPPY VACATIONS \* \* \*

*[Handwritten signature]*

Date  
30/04/2022  
Saturday

Class - 3<sup>rd</sup> Maths  
"Holiday Homework"

- ① Create a maths working model based on place value.
- ② Addition working model.
- ③ Multiplication table wheel maths (T.M)
- ④ Learn and write table 2 to 20.
- ⑤

Class - 4<sup>th</sup> Maths

- ① Maths working model Division machine. T.M.
- ② 3-D Shapes working model.
- ③ multiplication table wheel. model.
- ④ working model based on place value.

Class - 5<sup>th</sup> Exs.

① Some Experiment :-

- ① How does food get spoilt? P. 30, N<sup>o</sup> 37
- ② Plant a seedling and observe it. P.N 43, 44.
- ③ Complete the table for floating and sinking object.  
[P.N. 62, 64]

\* Working model ⇒

- ① Lungs working model.
- ② Create a model on how day and night occur on earth.
- ③ Make a working model of the Solar system.

Name -

Sumeel Akhwar.

Sumeel  
30/04/2022

class-5<sup>th</sup>



Summer Vacations Home Work

Mathematics

1. Make 5 fishes with the help of cardboard or any hardpaper using mathematical shapes and colour them.
2. Make all the types of angle with the help of matchsticks. Paste them on a cardboard and write their definitions also.
3. Multiplication table from 12 to 20 working model: (Table wheel)
4. Solve the given sums and answers them in a box.
4. Make a vehicle (for eg. truck, car etc) with the help of different shapes.

\*\*\* HAPPY VACATIONS \*\*\*

Ashish

Kendriya Vidyalaya Gail, Vijapur  
Summer Vacation Holiday Homework.

For Class 2<sup>nd</sup> in Maths, Subject.

- 1) Make Shapes with example Model.
- 2) Draw Colourful pictures of
  - 1) Two long objects
  - 2) Two round objects
  - 3) Two objects those roll
  - 4) Two objects those slide
  - 5) Two objects those both roll and slide.

Also write their names below each picture.

(Note: Avoid the use of thermocol and plastic.)

- ⇒ Talk with your grandparents / parents about their childhood games, hobbies, favourite food.



प्रतिभावाकाना गृहकार्य विषय-हिन्दी कक्षा- 4

प्रश्न 1. चैत्र से संबंधित छौटी सी कविता लिखें ।

प्रश्न 2. संज्ञा तथा सर्वनाम शब्द छांटकर आलश-मालश लिखें  
आप, भगसुर, हाथी, मेरा, इन्होंने, पंखा, कबूल  
शिलोना, महात्मा गांधी, हम, तुम्हारा, यह, पटना  
लिखिकम

प्रश्न 3. पाँच पंक्ति सुलेख्य प्रतिदिन करें (30 days)

प्रश्न 4. किन्हीं एक स्वप्नवरा सेवानी का चित्र चिपकाकर उनके जीवन के मास्तपूरी पक्षुओं की A-4 sheet पेपर पर लिखें ।

प्रतिभावाकाना गृहकार्य विषय-हिन्दी कक्षा- 5

प्रश्न 1. प्रकृति हमें बहुत कुछ देती है, हम प्रकृति का ध्यान किस प्रकार रख सकते हैं, इस पर 8 वाक्य लिखें ।

प्रश्न 2. अरवकार / कहानी की किताब से कोई 10 शब्द छांटकर लिखिए [ 5 दिन ]

प्रश्न 3. संज्ञा पर एक सुंदर चार्ट तैयार करें ।

प्रश्न 4. पाँच पंक्ति सुलेख्य प्रतिदिन करें । (30 days)

प्रश्न 5. आप कबे होकर क्या बनना चाहते हैं और क्यों ?

Summer Holiday homework class-5 Arts

\* Draw a chart related to healthy and unhealthy food with brief note-

### Class-9

- 1) File work -
- 1) Tenses
  - 2) Diary Entry
  - 3) Short Moral Poem

Diary Entry Topic → You recently visited a crafts fair held in your locality. Make a diary entry of what you saw and experienced there.  
(100 words)

- 2) Learn all chapters taught in class.

### Class-10

- 1) File work -
- 1) Modals use in passive voice.
  - 2) Tenses
  - 3) Diary Entry
  - 4) Formal Letter

Diary Entry Topic → You were a member of a team of students campaigning against the spread of smoking in the village community. Make a diary entry describing your participation and success achieved in your mission.

Formal Letter Topic → You are a resident of Soda Colony. Write a letter to the Editor of "The Times of India", Guna district, about the bad quality and inequality supply of tap water in your locality.

- 2) Learn all chapters taught in class.

Nitya  
02/05/2012

# Summer Vacation Homework

No.

Date

## Class-6

- 1) 20 pages handwriting.
- 2) Project - Noun (chart Paper)
- 3) Model - A House
- 4) Learn all chapters taught in class.
- 5) Complete the exercises.

## Class-7

- 1) 20 pages handwriting
- 2) Project - Verb Forms  
Tenses } (chart Paper)
- 3) Learn all chapters taught in class.

## Class-8

- 1) 20 pages handwriting.
- 2) File work -
  - ① Verb Forms
  - ② Paragraph writing
  - ③ Notice writing

Paragraph Topic → Importance of Good Health.  
(100 - 150 words)

Notice Writing → You are the school captain. You have been asked to write a notice regarding a Yoga mat placed on the school playground. Write a notice not more than 50 words describing it.

- 3) Learn all chapters taught in class.

For class 2<sup>nd</sup> in English Subject.

1. Improve your handwriting. Write one page handwriting daily (For 15 days)

2. Make a Birthday card

3. Cutting, Pasting and Decoration  
cut or draw 25 different pictures,  
paste on a cardboard, write the  
heading and decorate them.

4. Read unit . 1 & 2.1

5. Trace the hand prints of family  
members in your rough notebook  
and observe the difference carefully.

~~100~~  
15/04/22

Priyanka Sharma  
PRT

Date  
02/05/2022.

Holiday Homework (Summer vacation)

Science CLASS-6<sup>th</sup>

1. Conduct a survey for 10 families around you about what kind of food they eat. Then categorise those families into families that take balanced diet and families that do not take balanced diet.  
(Collect the data and arrange in tabular form).
2. Prepare a list of food items you commonly eat and find out major nutrients contained in them.
3. List 5 plants and their parts that are eaten as food (Paste pictures).
4. Prepare a diet chart for a 12 year (class-VI<sup>th</sup>) old student.
5. Write the deficiency diseases its causes and symptoms in a tabular.
6. Revise chapter 1 and chapter-2.

Note - following the given work completed only  
Scrape file.

Javed M

Date  
02/05/2022

Holiday Homework (Summer Vacation)  
Science CLASS - VIII

1. Gather information about what kind of crops majorly grow in India.  
Arrange the data in the form of bar graph.
  2. List and draw various tools used in Agriculture with their names and uses.
  3. Collect different types of seeds and put them in small transparent bags. Attach these bags in a Scrape file (Herbarium file) and label them.
  4. Pull out a gram or bean plant from the field. Observe its roots you will find round structures called root nodules on the roots. Draw a diagram of the root and show the root nodules.
  5. How are microorganisms useful and harmful to us?
- C. Revise chapter 1. and chapter 2.

Note: following the given work completed only  
Scrape file.

Omendra

Date  
02/05/2022

Holiday Homework (Summer vacation)

Science CLASS-7th

1. Draw the following diagrams and arrange them in a file.
  - (A) Diagram showing photosynthesis.
  - (B) Stomata
  - (C) A section through a leaf
  - (D) Pitcher plant showing lid and pitcher
  - (E) Human digestive system.
  - (F) Digestive system in ruminants
2. Collect different types of coloured leaves and paste them in Scrape file (Herbarium file) with the help of transparent cello tape.
3. Find out what vitamins are and get the following information.
  - (i) Why are vitamins necessary in the diet?
  - (ii) Which fruits or vegetables should be eaten regularly to get vitamins?
4. Revise Chapter 1 and Chapter 2.

Notes: following the given work completed only  
Scrape file.

Onidm

Date  
02/05/2022

Summer vacation  
Holiday Homework  
Science - 10<sup>th</sup>

1. Chemical Reactions and Equations.
2. Life processes.

All students note down the notes for your science notebook (given the both chapters) and exercise questions also.

3. Prepare PPT.

Topic:- Awareness on 'Role of chemistry behind preventing the spreading of Covid-19.

(Include science behind following along with photographs)

1. Mechanism of handwashing with soap.
2. Chemistry of sanitizers.
3. Role of different types of masks.
4. Importances of vaccinations.
5. Role of food supplements
6. Importance of common medicines.

Prakash



Date  
02/05/2022

Summer Vacation  
Holiday Homework

CLASS - IX<sup>th</sup>

1. Matter in our surroundings
2. Is matter Around us pure.
3. The fundamental unit of life.

All students note down the notes in your science notebook (following given the chapter). and exercise Questions also.

- ✓ 4(A) Tabulate the differences in the characteristics of the three states of matter (Solids, Liquids and Gases)
- (b). Convert the following temperature to Celsius scale  
(i) 300K      (ii) 573K      (iii) 293K  
(iv) 470K
- (c) Convert the following temperature to the Kelvin scale  
(i) 25°C      (ii) 373°C
- (D) How are solution, colloid (sol), suspension differ from each other.?
- (E) Distinguish between Homogeneous mixture and Heterogeneous mixture.
- (F) Distinguish between compounds and mixtures.
- (G) Differences between prokaryotic and Eukaryotic cells
- (H) Differences between plant cells and animal cells.
- (I) Differences between diffusion and osmosis.
- (5.) Revise the given chapter.

✓ (6.) Prepare PPT

TOPIC:- Awareness on 'Role of chemistry behind preventing the spreading of Covid-19.'



# ART

III, IV, V Holiday <sup>NO</sup> <sup>DATE</sup> Home work

- ① Mother's day celebration -  
(Drawing Note) Any Colours -
- ② Yoga day celebration.  
(Drawing Note) Any Colours -
- ③ Landscape (सीनरी) Any Colours  
(Drawing Note book)
- ④ Craft flower making  
any two types of  
flowers

# ART

III, IV, V Holiday Home Work

NO

DATE

- ① Mother's day celebration -  
(Drawing Note) Any colour.
- ② Yoga day celebration.  
(Drawing Note) Any colour.
- ③ Landscape (सीनरी) Any colour  
(Drawing Note book)
- ④ Craft flower making  
any two types of  
flower.

Art education<sup>NO</sup>

IX, X Holiday Home<sup>WORK</sup> Work

- ① file decoration work.
- ② Paper Bag (Shopping Bag)
- ③ Celebration of Mother's day  
A4 sheet (with Any colour)
- ④ Celebration of yoga day  
A4 sheet (with Any colour)

**गृहकार्य- ग्रीष्मकालीन अवकाश (हिन्दी)**

**सत्र (2022-2023) कक्षा- छठी**

- (1) किन्हीं प्रसिद्ध कवियों की कोई चार कविताएं याद करो-
- (2) भाषा व्याकरण- प्रार्थना पत्र-2, पत्र-2, लघुकथा लेखन -2 अनुच्छेद लेखन-2 सभी का अभ्यास करें। विद्यालय खुलने पर प्रस्तुत करें।
- (3) व्याकरण का अभ्यास पाठ्यक्रम के आधार पर करना है।

**गृहकार्य- ग्रीष्मकालीन अवकाश (हिन्दी)**

**सत्र (2022-2023) कक्षा- सातवीं**

- (1) किन्हीं प्रसिद्ध कवियों की कोई चार कविताएं याद करो-
- (2) भाषा व्याकरण- प्रार्थना पत्र-2, पत्र-2, लघुकथा लेखन -2 अनुच्छेद लेखन-2 सभी का अभ्यास करें। विद्यालय खुलने पर प्रस्तुत करें।
- (3) व्याकरण का अभ्यास पाठ्यक्रम के आधार पर करना है।
- (4) हिमालय का संक्षिप्त वर्णन करते हुए एक लागू निबंध का अभ्यास करो।

**गृहकार्य- ग्रीष्मकालीन अवकाश (हिन्दी)**

**सत्र (2022-2023) कक्षा- आठवीं**

- (1) किन्हीं प्रसिद्ध कवियों की कोई चार कविताएं याद करो-
- (2) भाषा व्याकरण- प्रार्थना पत्र-2, पत्र-2, लघुकथा लेखन -2 अनुच्छेद लेखन-2 सभी का अभ्यास करें। विद्यालय खुलने पर प्रस्तुत करें।
- (3) व्याकरण का अभ्यास पाठ्यक्रम के आधार पर करना है।
- (4) ज्वलंत समस्या पर चार लघु निबंध का अभ्यास करो-

**गृहकार्य- ग्रीष्मकालीन अवकाश (हिन्दी)**

**सत्र (2022-2023) कक्षा- नवीं**

- (1) पाठ्यक्रम के आधार पर पद, सवैया, सखियाँ एवं वाख याद करो-
- (2) भाषा व्याकरण- शब्द निर्माण-उपसर्ग, प्रत्यय, समास, वाक्यभेद अर्थ के आधार पर एवं अलंकार का अभ्यास करो-
- (3) रचनात्मक लेखन-पत्र, प्रार्थना-पत्र, निबंध लेखन (ज्वलंत समस्या पर), लघु कथा लेखन, संदेश लेखन, विज्ञापन लेखन, ई-मेल लेखन, स्ववृत्त लेखन।
- (4) पोर्ट पोलियोहिन्दी साहित्य से संबंधित किसी कवि, लेखक, इतिहास का सूक्ष्म अध्ययन कर विस्तार पूर्वक लिखो-

**गृहकार्य- ग्रीष्मकालीन अवकाश (हिन्दी)**

**सत्र (2022-2023) कक्षा- दसवीं**

- (1) किन्हीं प्रसिद्ध कवियों की कोई चार कविताएं याद करो
- (2) भाषा व्याकरण- अलंकार, वाक्य, वाच्य, पद परिचय का अभ्यास करो-
- (3) रचनात्मक लेखन-पत्र, प्रार्थना-पत्र, निबंध लेखन (ज्वलंत समस्या पर), लघु कथा लेखन, संदेश लेखन, विज्ञापन ।
- (4) पोर्ट पोलियोहिन्दी साहित्य से संबंधित किसी कवि, लेखक, इतिहास का सूक्ष्म अध्ययन कर विस्तार पूर्वक लिखो-

# Computer Home Work for Summer Vaccation

## Class-III

1. Draw all the input devices
2. Draw all the output devices
3. Mske a diagram of computer and its part

## Class IV

1. Draw all the tools of MS Paint software and also label them.
2. Make a project on 1 Input and 1 Output device with the help of chart paper
3. Make a chart on different functionality of computer.
4. Revise all the topic which we have studied last year

## Class V

1. Revise all the topic which we have studied last year
2. Revise the Home page icons of MS Word.

## Class Vi

1. Revise the fundamental of computer like history of computer, components, input output device, software hardware, computer memory

## Class VII

1. Revise all the tabs of MS word and practice .

## Class VIII

2. Revise all the topics of Computer security which have studied in our class and also make a small project on different security threats/ Virus/ Antivirus/Cyber crime/Cyber law with the help of chart paper

## Class IX

3. Revise all the definition and question answer of communication skills.

## Class X

4. Revise all the five chapter of employability skills Part-1

**KENDRIYA VIDYALAYA GAIL VIJAIPUR**  
**SUMMER VACATION HOMEWORK**  
**Bhopal Region**  
**Session-2022-23**

**CLASS-VI**  
**SUBJECT: - SOCIAL SCIENCE**

1. Make a useful thing by use of waste material which is available in your home.
2. Read and learn the following chapters for periodic test-1-
  - a) The Earth in the solar system(Geography)
  - b) What,where ,how and when (History)
3. Plant a sapling of any type of plant in your garden or near by at your home and make a video and take photos of this activity in school uniform with your introduction.
4. Indicate all the states and union territories in Indian political map. (do in Geography notebook)
5. Suppose you are an Early men and write about your food, clothes home. tools with example. (do in History notebook)
6. Make a Beautiful card for your favourite person. (Teacher/parents/friends)

**PROJECT WORK**

- (1) Make scrapbook/project/wall magazine/ppt on "Famous places of Manipur".

**CLASS-VII**  
**SUBJECT: - SOCIAL SCIENCE**

1. Make a useful resource/good by use of waste material which is available in your home.
2. Read and learn all the chapters which have done in the class for periodic test-1-
3. Indicate all the states and union territories in Indian political map. (do in Geography notebook).
4. Plant a sapling of any type of plant in your garden or near by at your home and make a video and take photos of this activity in school uniform with your introduction.
5. Read the life history of Prithviraj Chauhan from various sources (books or internet) and write in about 500-600 words (Do in History notebook)
6. Millions of foreign tourists visit India every year. Tourist departments of state governments use a specific tag line to attract tourists to their states. Write tag lines of any ten states with pictures. (Do in history notebook).

7. Watch the movie "ARTICLE 15 "and write review of movie in 500-600 words.

CLASS-VIII

SUBJECT: - SOCIAL SCIENCE

1. Make a useful resource/good by use of waste material which is available in your home.
2. Read and learn all the chapters which have done in the class for periodic test-1-
3. Indicate all the states and union territories in Indian political map.(do in Geography notebook).
4. Plant a sapling of any type of plant in your garden or near by at your home and make a video and take photos of this activity in school uniform with your introduction.
5. Make a model of Secularism  
OR  
Make a model or Poster on the topic "Save our Resources".
6. Make a Scrapbook on your Trip and write about your trip experience with pictures.  
OR  
Paste pictures of important members of Constituent Assembly of India and write some important fact also with related personality.(Do in your SPL notebook)
7. Make a model/project on related to Manipur topic (compulsory EBSB activity )

CLASS-IX


SUBJECT: - SOCIAL SCIENCE

1. Read and learn all the chapters which have done in the class for periodic test-1-
2. Project work: make a project on Disaster Management.
3. On an outline map of India, show the following:-  
(a) The Karakoram (b) The Zaskar (c) The Patkai Bam (d) The Jaintia  
(e) The Vindhya Range (f) The Aravali Hills (g) The Cardamom Range (h) K2
4. from the chapter" what is democracy and why Democracy"... write explanation of cartoon which have given in the chapter with picture.
5. Plant a sapling of any type of plant in your garden or near by at your home and make a vid and take photos of this activity in school uniform with your introduction.
6. make a ppt or wall magazine on climate,vegetation,landform and wildlife of Manipur.
7. Read the chapter French revolution and make extra questions (20 questions) and write in History book.



CLASS-X  
SUBJECT: - SOCIAL SCIENCE

1. Read and learn all the chapters which have done in the class for periodic test-1-
2. Make a useful resource/good by use of waste material which is available in your home.
3. Make an model on following topics :
  - a) Industrial pollution (Roll no:1-15)
  - b) India's working Political map (Roll No:16-30)
  - c) Solar plant( Rest of Students)
4. Make a project on any one topic:  
Consumer Awareness  
OR  
Sustainable Development  
OR  
Social issues
5. Plant a sapling of any type of plant in your garden or near by at your home and make a video and take photos of this activity in school uniform with your introduction.



Subject Teacher:Ms NEEL KAMAL



PRINCIPAL Sign

# Class X

## Chapter - 2

### POLYNOMIALS

1. What is the coefficient of  $x^2$  in the polynomial  $p(x) = 3x^3 - 15x^2 + 10x - 2$ ?
2. Find the value of the polynomial  $p(x)$  when  $x = 3$ .  
 $p(x) = x^2 - 4x + 7$
3. What is the value of  $f\left(-\frac{3}{2}\right)$  where  $f(x) = 4x^2 + 3x + \frac{7}{2}$ ?
4. If  $f(x) = x^2 - 5x - 14$ , find the value of  $f(7)$ .
5. Find the zeros of the polynomial  $x^2 - 15x - 34$ .
6. What should be added to the polynomial  $x^2 - 5x + 4$ , so that 3 is the zero of the polynomial?
7. Which of the numbers 3, 2, -2, 1 are zeros of the polynomial  $x^2 - 4$ ?
8. What should be subtracted from the polynomial  $x^2 - 16x + 30$  so that  $x = 15$  is a zero of the polynomial?
9. Find the quotient when  $x^2 - 7x + 12$  is divided by  $(x - 3)$ .
10. Find the polynomial whose zeros are  $\sqrt{2}$  and  $-\sqrt{2}$ .

## Chapter - 1

### REAL NUMBERS

1. Express 1000 as product of prime factors.
2. Which prime numbers will be repeatedly multiplied in prime factorization of 3200.
3. Find the digit at units place of  $8^n$  if  $n$  is multiple of 5.
4. What are the prime factors of denominator of fraction  $\frac{7}{80}$ ?
5. If H.C.F. of two number is 68 and 85 is 17. What is the L.C.M. of two numbers.
6. What is the H.C.F. of 95 and 152?
7. Find the number which when divided by 18 gives the quotient and remainder as 7 and 4.
8. 176 when divided by a number gives the remainder 5 and quotient 9. What is the number?
9. By which smallest irrational number  $\sqrt{27}$  be multiplied so as to get a rational number?
10. What is the product of  $(\sqrt{7} + \sqrt{5})$  and  $(\sqrt{7} - \sqrt{5})$ ?

## SUMMER HOLIDAYS HOMEWORK

Class - IX

Subject – MATHS

- Solve the following sums:
  - Find the value of  $34^2 - 21^2$ .
  - If  $a = 5 - 2\sqrt{5}$ , then find  $a^2$ .
  - Find five rational numbers between  $\frac{4}{5}$  and  $\frac{7}{5}$ .
  - If  $x = 0.28$ , then find  $x^3$ .
  - Add  $5\sqrt{2} + 4\sqrt{3}$  and  $7\sqrt{2} - 6\sqrt{3}$
- Represent the rational numbers on number line.
  - $\frac{3}{4}$
  - $-\frac{8}{5}$
  - $2\frac{1}{2}$
  - $-\frac{7}{8}$
- Rationalise the denominators:
  - $\frac{5}{2+\sqrt{3}}$
  - $\frac{8}{\sqrt{5}-\sqrt{6}}$
  - $\frac{3}{\sqrt{5}}$
- If  $x + y = 12$  and  $xy = 32$ , Find the value of  $x^2 + y^2$ . (Hint : use identity  $(x+y)^2 = x^2 + y^2 + 2xy$  to substitute values)
- If  $3x + 2y = 12$  and  $xy = 6$ , find the value of  $9x^2 + 4y^2$ . (Hint : use identity  $(x+y)^2 = x^2 + y^2 + 2xy$  to substitute values)
- Write the following cubes in the expanded form:
  - $(3a + 4b)^3$
  - $(5p - 3q)^3$
- Represent the Number System with the help of a Flow Chart and write examples also.
- Learn and write algebraic identities.
- Make a list of law of exponents.
- Factorise :
  - $x^2 - 4x - 21$
  - $x^2 - 19x + 78$
  - $x^2 + 9x + 18$

**Note:** Do practice of all the sums in the given worksheets .

## Holiday's HOME-WORK (Summer Vacation 2022)

Class : VII

Subject : Maths

- Q1 Write Multiplication Table from 2 to 20
- Q2 Find the LCM of (a) 2, 7, 9 (b) 5,15,45 (c) 7,21,35  
(d) 9, 36 ,54
- Q3 Find the HCF of (a) 13 and 39 (b) 9 and 36
- Q4 Draw three type of any Geometrical figures.
- Q5 Write any 10 numbers of (a) Odd numbers  
(b) Even numbers (c) Prime numbers  
(d) Composite numbers
- Q6 Multiply (a)  $1397 \times 1397$  (b)  $63 \times 132$  (c)  $45 \times 100$
- Q7 Divide (a) 1397 by 15 (b) 1685 by 15 (c) 2000 by 25

### 18 Case Study Problem

#### Case-Study 1

#### Society Responsible Selection

Two hundred students have come to appear in standard X, board examination. Out of total 200 candidates, 120 are girls. Their board roll numbers begin from 12,34,201. The roll number series contains first, girls roll numbers, followed by that of boys. All the students have reached the entry gate of the school by school buses and are standing in 10 queues. The physical distance between any two candidates is 2 m. In order to ensure Covid-19 appropriate behaviour, two guards on duty at the entry gate are sending them inside, roll number-wise, in the group of 20, each. It takes three minutes for each group to enter inside the school. Each group is entering school premises with gap of 1 minute. The first group enters at 1:10 p.m. Before, allowing their entry, the guards check their body temperature. When the body temperature of the child is found to be correct, he/she is allowed entry.

Based on the above information answer the following questions by choosing the correct option from the given four options in each question:

- (i) The entry time of last group of girls was  
(a) 1:30 p.m. (b) 1:32 p.m. (c) 1:40 p.m. (d) 1:30 a.m.
- (ii) The entry time interval of the boy having roll number 12,34,380 was  
(a) 1:42 p.m. – 2:45 p.m. (b) 1:43 p.m. – 1:45 p.m.  
(c) 1:42 a.m. – 1:45 p.m. (d) 1:42 p.m. – 1:45 p.m.
- (iii) The total physical gap maintained between the students of any queue was  
(a) 40 m (b) 56 m (c) 38 m (d) 34 m
- (iv) With every group having entered inside, the guard marks '20' in his visitor's book. The sum of entries made by him when the fourth group is about to enter is  
(a) 12 (b) 60 (c) 78 (d) 45
- (v) The body temperature of each child was recorded to be  $98.6^{\circ}\text{C}$ . The seventh multiple of numerical value of this temperature is  
(a) 123.4 (b) 678.4 (c) 690.2 (d) 234.5

## Holiday Homework CLASS VI

- 1). Write the Roman Numeral for 94 is -----
- 2). A Crore has \_\_\_\_\_ lakhs.
- 3). The successor of 999 is \_\_\_\_\_
- 4). Even number is divisible by -----
- 5). ----- is the Smallest natural number .
- 6). Insert commas suitably & write the number name of
  - i) 16573449
  - ii) 287651009according to Indian system of numeration
- 7). write the first 5 multiples of "8". 8). Find the sum by suitable arrangement.
  - i)  $832 + 553 + 168 + 447$
  - ii)  $3578 \times 123 - 3578 \times 23$
- 9). Write the numeral for "Ten Crore Sixty five lakhs Twenty One thousand Sixty Three".
- 10). Find the product by suitable arrangement:  $4 \times 165 \times 25$ .
- 11). Write the factor tree for 48.
- 12). Find the product of  $85 \times 102$  using distributive property. 13). Raju had Rs.6980/- with him .He bought a fan for Rs.1900/- and a music system for Rs.3080/-. Find the amount that is left with Raju. 14)
  - i) Add:  $24560 + 379 + 1467$
  - ii) Subtract 9457 from 16115
  - iii) Multiply 29840 by 26
  - iv) Divide 56646 by 27

### Project Work

Make (5Each) Magic squares of orders (i)  $3 \times 3$  (ii)  $4 \times 4$ .