SANT NISCHAL SINGH PUBLIC SCHOOL
LADWA

CLASS - VII

SUMMER HOLIDAY HOMEWORK

ACADEMIC SESSION
2023-24

➢ **General Instructions**

The project needs to be developed and presented in this order.

a) Handwritten/ Type cover page showing project title,student's name, class, section, school's name and academic year.

b) Index page should include names of the subjects, page no. and a column for teacher's sign

c) Acknowledgements (acknowledging the institutions and persons who have helped).

d) The work is to be done in the given sequence only .

e) Page limits (for each subject); Minimum 3 Maximum no limits excluding cover page, index page and acknowledgement page

f) Google text to be avoided

g) Make a report at the end of each project.

➢ **Art Integrated activity:-**

Make an attractive and informative pictorial document in MS Word on topic: - Let's explore Food and Festivals of Manipur. Insert pictures of various foods an festivals of Manipur and type 1 specialty of that food and festival. Make the document attractive by applying word art, font colour etc. Paste the printout of the same in scrapbook and keep the Word file safely.

➢ **Art Integrated Project:-**

The integration of your state Haryana has to be done with the state of Manipur under this project.

You have to prepare the Project file of the underlisted topics in relation to the state of Haryana and Manipur

Use all the topics to make the comparative study of Haryana and Manipur

Do the comparative study of Haryana -Manipur & Make a project that how tourism act as important trade for both the states & also write important tourist places of both states

#Make a comparative project report on Manipur and Haryana about industrial development, Economic growth and Commercial products.

#Identify the crops export from Manipur and Haryana for last 5 years and collect the data

    (I) Plot double bar graph of Collected data.

    (II) Make a frequency distribution table for both states.

Hindi- 1. महाभारत के किन्ही पाँच पात्रों के बारे में जानकारी एकत्र कर उनके बारे में लिखिए।

2. ओलंपिक में पदक प्राप्त करने वाले पाँच भारतीय खिलाड़ियों की चित्र सहित व्याख्या कीजिए।

3. कक्षा में कराए गए कार्य की दोहराई कीजिए।

Social science - Read the following chapters and prepare at least 15 MCQ's from each chapter.

Ch 3 -Our Changing Earth (Geo)

Ch 3 -New kings and kingdom (A case study of cholas) (His)

English - * Learn all the classwork which was done in the book and notebook.

* Write summary of lesson 'Dhyan Chand' from your book 'Communicate with Cambridge on A4 size sheet.Find out the 15 difficult words from the lesson and write down their meanings along with sentences.

* Listen Sandeep Maheshwari, Virali Modi (motivational speakers) and write a paragraph on moral values which inspires you a lot in about 100 to 120 words.

* Complete unseen passages (1-5) in BBC module 1.

* Write a speech on 'How can we lead a happy life'.

Punjabi- Revise all work which was done in book and notebook.

Information Technology- Do Revision Assignment of:

•   Decimal number to Binary Number

- Binary Number to Decimal Number
- Operations: Addition & Subtraction

Project Work:
- Create the project file on the topic Storage Devices and write its storage memory

Art and Craft - Complete Book page no. 12,13,26,27,32,48,49,50,52,53,56,57,64,65

Science - Do the following Worksheet on A4 sheets in near and clean Handwriting. And Learn all the syllabus which was done in class. (Ch-3,4)

A. Tick (✓) the correct option:

1. From which of the following sheep do we obtain carpet wool?
   - (a) Marwari sheep
   - (b) Merino sheep ☐
   - (c) Lohi sheep
   - (d) Nali sheep ☐

2. Pashmina shawls are weaved from which of these?
   - (a) Angora wool
   - (b) Yak wool ☐
   - (c) Kashmiri goat wool
   - (d) Merino sheep wool ☐

3. Llama and Alpaca, the wool yielding animals are found in:
   - (a) South Africa ☐ (b) South America ☐ (c) Japan ☐ (d) Vietnam ☐

4. Which of the following term is not related to sericulture?
   - (a) Shearing ☐ (b) Caterpillar ☐ (c) Pupa ☐ (d) Cocoon ☐

5. Silkworms secrete fibre made of:
   - (a) Fat ☐ (b) Cellulose ☐ (c) Protein ☐ (d) Nylon ☐

6. Reeling of silk is:
   - (a) A process of making silk reels. ☐
   - (b) Spinning of silk fibres. ☐
   - (c) Weaving of silk cloth. ☐
   - (d) The process of taking silk threads from cocoons ☐

B. Correct and rewrite the following statements:

1. Under hair close to skin are coarse.

2. Mohair is obtained from yaks.

3. Shearing hurts the sheep.

C. Complete the following statements using appropriate word(s):

1. The stage of the silkworm inside the cocoon is ....

2. Washing wool off the dirt and grease is called ....

3. The process of separating the wool according to the length, colour and texture of fibres is called ....

D. Match the items in Column A with those in Column B:

Column A	Column B
1. Eri and Mooga	(a) Hair of sheep
2. Reeling	(b) Taking out threads from cocoon
3. Yak wool	(c) Removal of thick coat of hair
4. Fine, soft hair	(d) Artificial fibre
5. Hot weather	(e) Silk yarn
6. Burrs	(f) Mulberry leaves
7. Nylon	(g) Varieties of silk
8. Anthrax	(h) Small fluffy fibres
9. Cocoon	(i) Fibres for making wool
10. Food for silk moth	(j) Sorter's disease
11. Fleece	(k) Tibet and Ladakh
12. Shearing	(l) Good for removing hair

E. Very Short Answer Type Questions: (Figure based)

What do the following figures show?

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

F. Short Answer Type Questions:

1. What do you mean by the term 'selective breeding' of sheep?

2. Sanjana's teacher asked her to write the steps involved in wool processing under the title 'From Fleece to Fabric'. Help Sanjana to complete the steps:
   - (a) Removal of fleece from the body of animal either manually or by using shearing machines.
   - (b) Washing the sheared wool in hot water to remove dirt and grease which is followed by drying it.
   - (c) ....
   - (d) ....
   - (e) ....
   - (f) ....

A. Tick (✓) the correct option:

1. When ice is heated, it changes to water and water on further heating gets converted to steam. What happens when steam is condensed?

   (a) A new substance is formed ☐

   (b) No new substance is formed ☐

   (c) Gaseous phase changes to liquid phase ☐

   (d) Both (b) & (c) occur ☐

2. Expansion on heating and contraction on cooling of metals is:

   (a) A chemical change   (b) A physical change ☐

   (c) Irreversible change   (d) Both (a) and (c) ☐

3. In which of the following situations, chemical reaction does not occur?

   (a) Common salt is exposed to air   (b) Coal is burnt in air ☐

   (c) Sodium is placed in water   (d) Iron kept in moist air ☐

4. Which of the following do not represent that a chemical change is taking place?

   (i) A gas is produced   (ii) Precipitate is formed

   (iii) State of a substance changes   (iv) A new odour is produced

   (v) Shape of a substance changes

   (a) (i) and (v)   (b) (i) and (iv) ☐

   (c) (ii), (iii) and (v)   (d) (iii) and (v) ☐

5. Shalini made a concentrated sugar syrup by dissolving sugar in hot water. On cooling, crystals of sugar got separated. This indicates a:

   (a) Physical change that can be reversed ☐

   (b) Chemical change that can be reversed ☐

   (c) Physical change that cannot be reversed ☐

   (d) Chemical change that cannot be reversed ☐

B. Complete the following statements using appropriate word(s):

1. Freezing mixture consists of .... plus ....

2. Copper sulphate is commonly called .... or ....

3. When .... is passed through .... water, it becomes milky.

C. Very Short Answer Type Questions:

1. Write the word equations for the reaction of:

   (a) zinc with copper sulphate. ....

   (b) iron with lead nitrate. ....

   (c) magnesium with iron sulphate. ....

2. Which is the best method to prevent rusting?

   ....

D. Short Answer Type Questions:

1. Complete the table by giving appropriate reasons for the following changes. Also mention the type of change in each case:

Fact	Type(s) of change	Reason(s)
1. Browning of cut fruits and vegetables	....	(i) ....
		(ii) ....
2. Ironing clothes	....	(i) ....
		(ii) ....
3. Drying of wet hair	....	(i) ....
		(ii) ....
4. Burning of candle	....	(i) ....
		(ii) ....
5. Digestion of food	....	(i) ....
		(ii) ....

2. Observe the following set-up and answer the questions that follow:

Set-up I: Hydrochloric acid, Calcium carbonate, Lime water
Set-up II: Hydrochloric acid, Zinc granules, Lime water
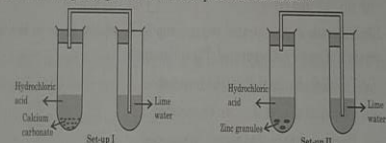
   (a) Name the gas evolved in set-up I and setup-2

   ....

   (b) What will be the effect of the gases evolved in Set-up I and Set-up II on lime water?

   ....

   (c) What causes lime water turn milky in setup I?

   ....

Maths- Do the following Worksheet on A4 Sheets in near and clean Handwriting.

And Revise all the work done in class.

Class - VII(Mathematics)

Assignment-1

MULTIPLE CHOICE QUESTIONS.

1. $0 \times (-5)$ is equal
a) 0   b) 5   c) -5   d) 1

2. $(-6) \div (-3)$ is equal to
a) 1   b) 2   c) 3   d) 6

3. Find the multiplicative inverse $4\frac{5}{6}$ of
a) $\frac{6}{29}$ b) 0   c) $\frac{29}{6}$ d) none of these

4. Difference between 43°c -17°c is
a) -26°c   b)-60°c   C) 60°c   d) 26°c

5.The picture ⭐⭐⭐ represents
a) $2 \times \frac{2}{5}$ b)$2 \times \frac{5}{8}$ c) $3 \times \frac{2}{5}$ d)$3 \times \frac{3}{8}$

6.Additive inverse of 7 is
a)0   b) (-7)   c) 7   d) $\frac{1}{7}$

7.The value of $\frac{1}{4} \div \frac{1}{2}$ is
(a) $\frac{1}{8}$ b)   b) $\frac{1}{6}$ c) $\frac{1}{2}$ d)$\frac{1}{3}$

8.The product of three negative integers is
a) positive   b) negative   c) 0   d) none of these

9.The reciprocal of $2\frac{5}{6}$ is
a) $\frac{5}{3}$ b)$\frac{17}{6}$ c) $\frac{15}{3}$ d)$\frac{6}{17}$

10) on the number line (-3) ×3 lies on the right of
a) -10   b) -4   c) 0   d) 9

11) if a, b, c are integers, then a×(b+c) is equal to
a) a×b+c   b) a×b×c   c) a×b-a×c   d) a×b+a×c

12) which of the following properties does not hold for subtraction in integers?
a) Closure   b) commutative   c) Indentity element   d) not defined

13) $(-550) \div (-11)$ is
a) 5   b) -5   c) 50   d) -50

Q14) The number $-2\frac{1}{3}$ is equivalent to
a) $-2 + \frac{1}{3}$ b) $-2 \times \frac{1}{3}$ c) $-2 - \frac{1}{3}$
d) $-2 \div \frac{1}{3}$

Q15) The next number in the pattern -62, -37, -12, … . is
a) 25   b) 13   c) 0   d) -13

Q16) which of the following does not represent an integer?
a) $0 \div (-7)$ …   b) $20 \div (-4)$ … .   C) $(-9) \div 3$…..   d) $(-12) \div 5$…

Q17) If a and b are integers which of the following is not true?
(a) a×b=b×a   b) a×1=a   a÷b= b÷a   d) a×0=0

Q18) which is the smallest of the following fractions?
a) $\frac{4}{9}$ b)$\frac{2}{5}$ C) $\frac{3}{7}$ d)$\frac{1}{4}$

Q19) If a fraction $\frac{a}{b}$ is a lowest terms, then HCF of a and b is
a) a   b) b   c) 1   d) ab

Q20) which of the following fractions is more than one- third?
a) $\frac{23}{70}$ b)$\frac{205}{819}$ c) $\frac{26}{75}$ d)$\frac{118}{335}$

Assignment-2

Q.1-) find the product: $(-123) \times 4 \times 19 \times (-25)$

Q.2-) Divide $\frac{5}{8}$ by $\frac{25}{4}$

Q.3-) In an examination, 6 marks are given for every correct answer and (-3)marks are given for every incorrect answer. Abhinav scored 45 marks. if he got 12 correct answers ,how many questions did he answers incorrectly?

Q.4-) In a mess,250 kg of rice consumed every week. If each person consumed $\frac{5}{2}$ kg of rice per week. How many persons were there in the mess?

Q.5-) Evaluate: $[120 \div (-4)] \div [6 - (-9)]$

Q.6-) simplify : $650 \times (-2) + 47 - (-45) + \{20$ of $(4-50) + 2\}$

Q.7-) Hari had 30 pieces of sweets. If he ate $\frac{1}{10}$ of them every day for one week, how many pieces of sweets did he eat?

Q.8-) simplify $11\frac{2}{5}$ of $\frac{4}{9} \div \frac{6}{45}$ -5

Q.9-) Shubham spent $\frac{2}{9}$ of his time in the morning studying Maths and Science.He spent $\frac{4}{7}$ Of his time studying Maths .what fraction of the total time did he spent studying Science?

Q10-)find the product: $(-2) \times (-15)$

Q.11-) find $\frac{1}{25}$ of a kg

Q.12-)A $\frac{4}{7}$Kg pineapple is cut into 2 equal pieces. Find the weight of each piece.

Q.13-)simplify: $-237+932+135-448-99-106$

Q.14-)simplify:$[\{490-(50 \times (-3))\}-250] \div 5$

Q.15-) simplify : $\frac{5}{11}$ of $\frac{66}{30} \div \frac{1}{25}$ - $\frac{16}{9}$

Q.16-)A submarine is at 350m below the sea level. It ascends for 10 seconds and then stops. It's final position is at 100m below the sea level. Find the speed of the submarine.

Q.17-)Simplify the expressions:
$13\frac{1}{5}$-[$\frac{1}{5}$ of $\{4\frac{1}{25}$+3 Of $5\frac{1}{4}$ - $6\frac{1}{4}\}]$

Q.18-)Simplify the expressions:
$5\frac{2}{7}$-[3+{$12\frac{1}{2}$ - (7 of $1\frac{2}{3} \div$ $1\frac{1}{9}$ +1)}]

Q19-) During an art class, Miss Vani asked her students to cut $1\frac{1}{2}$ Circles each from a piece of paper. There were 24 students in the class altogether. Miss Vani then arranged the cut -outs to form whole Circles. How many whole circles were formed?

Q20-)simplify :
$(179 \div 2\frac{1}{3})$ × $1\frac{3}{4}$ of $2\frac{1}{3}$ + $4\frac{11}{13}$