SUBJECT	HOME WORK
SCIENCE	1. To complete Lab activities provided in the group. 2. To complete Book Exercise from the given pdf. 3. To prepare a role play of a celestial body assigned to you as per your roll number. The presentation of role play will be evaluated under Subject Enrichment Activity. Write your role content on a sheet and submit to your subject teacher. Roll no 1 &23-Sun, Roll no 2 &24- Mercury, Roll no 3 &25-Venus, Roll no 4 &26- Earth, Roll no 5 & 27- Mars, Roll no 6 &28- Jupiter, Roll no 7 &29- Saturn, Roll no 8 &30- Uranus, Roll no 9 &31- Neptune, Roll no 10 &32- Pluto, Roll no 11 &33- Natural Satellite, Roll no 12 &34- Man made satellite, Roll no 13 &35- Meteor, Roll no 14 &36- Asteroid, Roll no 15 &37- Ursa Major, Roll no 16 &38- Ursa Minor, Roll no 17 &39- Little Dipper, Roll no 18 &40- Big Dipper, Roll no 19 &41- Orion, Roll no 20 &42- Taurus, Roll no 21 &43- Canis Major, Roll no 22 &44- Pole Star.
MATHS	● Holiday Homework will be marked for Internal Assessment so it is mandatory to complete and submit it on time. ● Complete Maths notebook till Ch 8. ● Do the following worksheets in your fair notebook as discussed in the class. **Worksheet I** **Class: VI** **Chapter: Fractions** **Choose the correct option from question 1 to 6.** 1. Assertion (A) – 3/7 is obtained when we divide a whole into seven equal parts and take three parts. Reason (R) – A fraction is a number representing part of a whole. a) Both A and R are true and R is the correct explanation of A. b) Both A and R are true but R is not the correct explanation of A. c) A is true but R is false. d) A is false but R is true. 2. Assertion (A) – A proper fraction whose numerator is 1 and

denominator is 3.

Reason (R) – Proper fraction is a fraction whose numerator is smaller than its denominator.

a) Both A and R are true and R is the correct explanation of A.
b) Both A and R are true but R is not the correct explanation of A.
c) A is true but R is false.
d) A is false but R is true.

3. Assertion (A) – The mixed fraction of 1 ½ as an improper fraction.

Reason (R) – A mixed fraction is defined as a fraction formed by combining a whole number and a fraction.

a) Both A and R are true and R is the correct explanation of A.
b) Both A and R are true but R is not the correct explanation of A.
c) A is true but R is false.
d) A is false but R is true.

4. Assertion (A) – The HCF of 36 and 24 is 12.

Reason (R) – HCF helps us to reduce a fraction to its lowest form.

a) Both A and R are true and R is the correct explanation of A.
b) Both A and R are true but R is not the correct explanation of A.
c) A is true but R is false.
d) A is false but R is true.

5. The fraction representing the shaded portion is:

a) 1/6   b) 1/2   c) 1/6   d) None of these

6. Which of the following fractions is 3/4.

a) 6/11   b) 9/10   c) 15/20   d) 21/25

7. Arrange 5/6, 1/2, 2/3 and 8/9 in ascending order.

8. Express the following mixed fractions as improper fractions:

a) 1 3/5   b) 6 1/8
c) 1 3/7   d) 1 1/4

9. Subtract the following Dr by using Brahmagupta's method:

a) 3/5 – 1/2   b) 2/3 – 1/7   c) 1/8 – 1/9

10. Rahul takes 11/7 hours to finish his homework while Naman takes 15/8 hours to finish his homework. Who takes more time and by how much?

11. Represent the following fractions on same number line.

a) 4/7   b) 22/14

12. Write any

a) three proper and three improper fractions with denominator 7.
b) two proper and two improper fractions with numerator 9.

13. Parul and two of her friends share pizza equally among themselves. Parul says, 'Here are three equal halves of the pizza.' Is Parul's statement correct? Give reasons.

14. Which fraction represents one part of the whole pizza?

a) 1/2   b) 1/3   c) 2/3   d) 3/3

15. Does everyone get an equal portion? Give reasons.

16. Suggest a way to divide the pizza into six equal parts.

Worksheet II

Class: VI

Chapter: Symmetry

Choose the correct option from question 1 to 4.

1. The symmetrical number of lines present in a scalene triangle is
   a) 0   b) 1   c) 2   d) 3
2. **Assertion (A)** – C has horizontal line of symmetry.
   Reason (R) – The *symmetry* of an object is defined as one half of the object is a mirror image of the other half.
   a) Both A and R are true and R is the correct explanation of A.
   b) Both A and R are true but R is not the correct explanation of A.
   c) A is true but R is false.
   d) A is false but R is true.
3. **Assertion (A)** – A regular octagon has 8 lines of symmetry.
   Reason (R) – The number of lines of symmetry of a regular polygon is equal to the number of its sides.
   a) Both A and R are true and R is the correct explanation of A.
   b) Both A and R are true but R is not the correct explanation of A.
   c) A is true but R is false.
   d) A is false but R is true.

4. The number of lines of symmetry of a kite is (refer the given figure)
   a) 0   b) 1   c) 2   d) 3

5. How many lines of symmetry do the following English alphabets have?
   a)   b)   c)   d)

6. Given the line (s) of symmetry, find the other hole (s):

7. Fill in the blanks:
   a) An angle is symmetrical about its …….. .
   b) A circle has …….. lines of symmetry.
   c) A rectangle …….. has lines of symmetry.
   d) A square has …….. lines of symmetry.
   e) A letter D has …….. lines of symmetry.
   f) A letter N has …….. lines of symmetry.

   8. Can you draw a triangle which contains
   a) exactly one line of symmetry?
   b) exactly two lines of symmetry?
   c) exactly three lines of symmetry?

	d) no lines of symmetry? 9. Copy each of the following on a squared paper and compute them in such a way that the dotted line is the line of symmetry. 10. State whether the following statements are true or false: (i) A right-angled triangle can have at most one line of symmetry. (ii) An isosceles triangle with more than one line of symmetry must be an equilateral triangle. (iii) A pentagon with one line of symmetry can be drawn. (iv) A pentagon with more than one line of symmetry must be regular. (v) A hexagon with line of symmetry can be drawn. (vi) A hexagon with more than two lines of symmetry must be regular.
SOCIAL SCIENCE	As a part of the winter break homework, all students are supposed to make a project file for social studies. Contents of the project file should include the following:- ● creative self introduction- write a creative introduction about yourself. It can include your hobbies, favourite subjects, and any interesting facts about you apart from basic details. ● Write a short essay on the importance of social studies. Discuss how it helps us understand our society, history, and the world around us. ● create a table listing different foods from various states of India. Include a collage of these foods with their respective states. ● Make a collage of different festivals celebrated in India. Referred to page number 132 for map work and mark the states where these festivals are celebrated. ● Create a collage, showcasing the traditional dresses of different states of India ● Classical and folk dances of India: write abo ● ut four classical dances, and two folk dances from different parts of India. Include pictures and drawings of these dances. ● Write a brief essay on the major religions practised in India. Describe their basic beliefs and practices. ● write the lyrics of the national anthem, Jana Gana Mana and also provide a brief explanation of its meaning and significance. Note: Assemble all the work in one project file . All the work to be done in A4 size sheets, use plain white or light coloured A4 sheets .
ENGLISH	Complete the following worksheets in the grammar book : Worksheet no. 16,17,18 (page 147-149)

	Worksheet no. 20 and test paper from page no. 152&153, 157& 158. Make a flow chart on topic - Active and passive voice.
हिन्दी	- सभी छात्र इकाई 4 परीक्षा के लिए तैयारी करें । - आप सभी के व्हाट्सएप ग्रुप पर अभ्यास पत्रिकाएं भेजी जाएंगी जिन्हें आप को प्रिंट निकाल कर अपनी हिन्दी उत्तर पुस्तिका में पूर्ण करना है । - आप सभी को " किन्हीं पाँच भारतीय राज्यों की कला व नृत्य" पर परियोजना कार्य बनाना है ।
संस्कृत	1. शुल्कक्षमार्थं प्रधानाचार्याय प्रार्थनापत्रं लिखत	कार्य व्हाट्स एप ग्रुप पर भेजा जाएगा | 2. होलिकोत्सवस्य वर्णनं कृत्वा पत्रं लिखत	कार्य व्हाट्स एप ग्रुप पर भेजा जाएगा | 3. मित्रं प्रति पत्रं लिखत	कार्य व्हाट्स एप ग्रुप पर भेजा जाएगा | 4. ग्रामस्य चित्रं दृष्ट्वा पंच वाक्यानि चित्र- वर्णनम करोतु	कार्य व्हाट्स एप ग्रुप पर भेजा जाएगा | 5. वाटिकायाः चित्रं दृष्ट्वा पंच वाक्यानि चित्र - वर्णनम् करोतु | 6. गच्छ , वद , धाव , जिघ्र धातुओं के लोट लकार में धातुरूप लिखें | 7. पृथिव्यां त्रीणी रत्नानि पाठ के श्लोकों को कंठस्थ याद करें | 8. पाठ १२ से १५ तक का अभ्यास कार्य पूर्ण करें	(कार्य व्हाट्स एप ग्रुप पर भेजा जाएगा	
COMPUTER	Do the worksheet of chapter-9 in your fair notebook as discussed in the class. **Worksheet of ch-9** **Chapter 9: Internet Services** A. Define the following terms. 1.WWW:_____ _____ _____

	2.Hyperlinks:_____ _____ _____ 3.Web Brower:_____ _____ _____ 4.ARPANET:_____ _____ _____ B. Name any five popular internet services and explain with examples. 1._____ 2._____ 3._____ 4._____ 5._____

MUSIC	Raag- yaman
	        Raag parichey,aaroh,avaroh, chota khayal,swar,bandish,taane.
	
	Taal- dadara
	        Parichey, taali, khali,ginati,boll, 2 pattern.

ART & CRAFT	Make these two craft work:-
	  1. POM-POM with gift sheet
	  2. (Ice-cream stick BOAT - class 6th A
	       ice-cream stick FLOWER VASE - class 6th B
	       Ice-cream stick WALL HANGING - class 6th C)
	
	       (you can get help by watching the video in class whatsapp group ▌

LIBRARY	