

**Summer Vacation Holiday Home Work (2017-18)**

**Class: IX**

**Subject: English**

(1) Write chapter wise summary (part 1 & 2) of novel Gulliver`s Travel .

(2) Write reference, context, explanation with critical appreciation of following passage.

I m touching the feet of a teacher, not my grand daughter;a teacher who taught me so well ‘with so much of affection that I can read my novel confidently in such a short period .Now I m independent.It is my duty to respect a teacher .Is it not written in our scriptures that a teacher should be respected ,irrespective of the gender and age.

(3)Draw chart of Tense with its kinds .WRITE sentences of each kinds of Tenses separately in affirmative ,negative and interrogative .

**Subject: Hindi**

1. समाज के लिए कार्यरत लोगों जैसे— अध्यापक, पुलिस, नेता, वकील, कम्प्यूटर विज्ञानी या अन्य किसी समाज—सेवकों में से किसी एक का साक्षात्कार लीजिए तथा उनके विचारों को व्यवस्थित ढंग से अपनी व्याकरण की उत्तर—पुस्तिका / कॉपी में लिखिए।

**नोट—**

1. कम—से—कम दस प्रश्नों की प्रश्नावली होनी चाहिए।
2. उनके जीवन तथा अनुभवों से संबंधित तथ्यों का वर्णन करें।
3. ‘स्पर्श’ तथा ‘संचयन’ के पठित अध्यायों के प्रश्नोत्तर आदि कंठस्थ करें।

**Subject: SOCIAL SCIENCE**

1. **Locate and label all the states and union territories of India with their capitals on the political map of India and paste in Note-Book. Also write the states and their capitals on the notebook of social science.**
2. **Locate and label all the neighbours of India on the political map of India and paste it in your notebook of Social Science.**
3. **“Instead of blaming the government the responsibility should be laid on individual efforts towards protecting the fauna and flora.” Highlight any three values to be adopted by the individuals**
4. **Why is there need to conserve the biodiversity? (Answer in 200 words)**

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5. How does democracy help in promoting the basic human values and dignity of citizens in a country? Explain in 200 words.
6. Imagine yourself as a citizen of a Non-Democratic country and write the problems you would be facing under those circumstances. Conclude that Democracy is a better than any other forms of government by citing Indian position.

### **Subject: Maths**

1. As we know water is one of the precious Natural Resources, do a survey of ten households of your nearby area record their consumptions of water in different purposes. Represent these data with the help of BAR-GRAPH, HISTOGRAM, PI-CHART, LINE –GRAPH. Also write its findings & conclusions.
2. What do you want to be in future? Is there any way MATHEMATICS is going to help you ?
3. Write at least ten ways “How you can improve your Mathematics? “ Do apply the same on yourself.

### **Subject: Science**

#### **(Chemistry)**

Q.1- Write the answer of In-text and Question from exercise from MATTER IN OUR SURROUNDINGS in Home work Note Book.

Q.2- Collect the information about PLASMA and BOSE-EINSTEIN CONDENSATE (BEC) state of matter in a Project File.

Q.3- Write the reason for the following questions in Home Work Note-book.

i- When we add the sugar in water. Sugar crystals disappear after some Time.

ii- How a diver cut the water current?

iii- How does smell of hot eatables reaches to us easily?

iv- Why do we feel cool when a Doctor Apply spirit at the site of injecting medicine by a syringe?

v- Why an Almirah made of Iron is Solid?

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**(Biology)**

- Q.1** - Write the answer of In-text questions from ` Fundamental Unit of Life ` in Home work Note Book.
- Q.2**-Make the Model of the Plant Cell using waste materials OR draw the well labeled diagram of the plant cell on Chart Paper.

**(Physics)**

- Q.1-** Draw the graph between distance-time and study the slope of the graph.
- Q.2-** Draw the distance-time graph and find the slope for the non uniform motion.
- Q.3-** Distinguish between distance and displacement.
- Q.4-** To solve the problems related to distance and displacement which are done in the class.
- Q.5-** Define speed and average speed with the help of suitable numerical problems done in the class.
- Q.6-** To find the average speed of a moving object in different situation.

**Subject: IT**

- Q1. Write the features of smart phones? Also draw the structure.
- Q2.name some popular VAS provided by 3c's?
- Q3. Differentiate between 3c's technologies?
- Q4.what is convergence? Also define its types.
- Q5. Write the characteristics of computer? Also define limitation of computer.
- Q6.write the structure of computer? Explain each.
- Q7. Explain IPO cycle? With structures.
- Q8.write the difference between E-Learning & E- commerce?
- Q9. I am a component of CPU which performs logical operations. Identify me.
- Q10.give a real life examples of RAM?ROM?