



SHARDA INTERNATIONAL SCHOOL

7TH Science



**“ The time for break, the time to rest and the time to
rejuvenate SELF ”**

Enjoy your summer vacation

Instructions:

- **Do your homework in ruled sheets**
- **Make a small spiral diary for dictionary**
- **Use chart paper for projects**

Question1. Answer the following questions:

- a) Difference between an ectoparasite and endoparasite? Give two examples.
- b) What is the importance of villi in intestine wall?
- c) How do saprophytes derive their nutrition from dead organic matter?
- d) List the advantages of using mercury in thermometers.
- e) Why does transfer of heat occur by convection in fluids not in solids?
- f) Why is a male mosquito not considered a parasite?
- g) List the four chambers of the stomach of a cow along with their role in digestion.
- h) What is peristalsis?
- i) Why do we say that *Cuscuta* is a total stem parasite and *Viscum* is a partial parasite?
- j) Do green plants absorb carbon dioxide at night also?

Question2. Make a project on man-made synthetic fibres along with their properties. Why synthetic fibres are not preferred while working in kitchen?

Question3. Visit National Science Centre, Delhi or Botanical Garden, Delhi with your parents. Write down your experience about the amazing facts that you have learnt. (100 words)

Question4. Make your own stethoscope by using the following instruction given on page no. 171 Science book.

Question5. Plant 5 sapling seeds during your summer vacation and observe the changes. Write your observations and paste pictures on the ruled sheets.

Question6. Prepare a Science dictionary of 80 words.

Question7. Many scientists believe that as a result of global warming, Polar ice caps are melting. Think of the possible effects of the melting of polar ice caps on the rest of the world. Find and write down if anything can be done to stop or slow the process of global warming.

Question8. International Yoga Day will be celebrated on 21 June across the world with great enthusiasm. Yoga is helping people to stay energetic and have strong immune system. Find yoga exercises that help you to strengthen your respiratory system and increase the oxygen level in the body. Write about them and paste the related pictures. (To be done on A-4 size sheets)

Question9. Draw a well labelled diagram of Human Digestive system on chart paper.

Question10. During digestion, substance X is released in stomach in large quantity which causes acidity. Doctor suggests milk of magnesia to treat the acidity. Name the substance X and also the chemical formula of milk of magnesia.

***** Revise explained UT-2 SYLLABUS*****