

WEEK	TOPIC	QUESTIONS BASED ON THE TOPIC	ASSIGNMENT
1.	<p>Recapitulation:</p> <p>1.The basic concepts of some of the topics in class ninth have been taught in smaller classes. Students are to go through these lessons learnt by them in the smaller classes by downloading from ncert site. And then answer the questions given.</p> <p>2. Each question has been given mentioning the reference of the name of the lesson and the class in which it is learnt.</p>	<p>1. Go through the lesson ' Separation of Substances' you learnt in class 6 and answer the following based on it.</p> <p>Write the method of separation for the following mixtures with reason :</p> <ol style="list-style-type: none"> <li>1. Oil and water</li> <li>2. Salt from sea water</li> <li>3. Butter from curd</li> <li>4.Tea leaves from tea</li> <li>5. Iron pins from sand</li> <li>6. Wheat grains from husk</li> <li>7. Fine mud particles from water</li> </ol> <p>2. Go through the lesson 'Physical and Chemical Changes' of class 7 and answer the question:</p> <p>Describe the method of crystallization of copper sulphate. Where would you use it and why?</p> <p>3. Based on your lesson in class 8 ' Materials : Metals and Non metals' ,Write five differences between metals and non metals.</p> <p>4. Down load the latest version of Periodic Table and draw it in the note book.</p>	1. Answer the given questions.

5. Based on the Periodic table, learn and write the symbols of 25 common elements like Hydrogen, Nitrogen, Oxygen, Chlorine, Sodium, Copper, Iron, Calcium etc. ( Page no. 34 Class IX science textbook)

6. Based on the Chapter 'Cell- Structure and Function' from class 8, answer the following:

(a) Draw neat labeled diagrams of plant cell, animal cell.

(b) Write differences between plant and animal cell

(c) Describe the structure and functions of – cell wall, cell membrane, nucleus,

(d) Name the organelles present in the cell

(e) How was cell discovered?

(f) Write difference between Prokaryotes and Eukaryotes

(g) What are unicellular and multicellular organisms?

(h) What are Tissues?

(i) Draw a neat labeled diagram of a nerve cell.

7. Based on the Chapter ' Motion and Time' in class 7,

(a) write the difference between Uniform and Non uniform motion. Draw the graphs for the same.

(b) Define speed. Write its SI unit.

8. Based on the lesson 'Force and Pressure' from class 8 answer the following:

(a) What is force? What are the consequences of applying force on an object?

(b) What are the different forces around us? Describe them with examples.

(c) Define pressure.

(d) Why does a truck have wide tyres?

(e) Describe an activity to show that liquids exert pressure on the walls of the container.

9. Based on the chapter ' Sound ' of class 8, answer the following:

(a) How is sound produced?

(b) Write separate activities to show that sound can travel through solids, liquids and gases.

(c) How will you show that sound cannot travel through vacuum?

(d) What is meant by frequency? What is its SI unit?

(e) What does the pitch and loudness of sound depend on?

(f) Draw the neat labeled diagram of human ear and describe its structure and function.

10. Based on your chapter ' Microorganisms : Friends or Foe' answer the following:

(a) List some human diseases caused by bacteria, viruses, protozoans.

(b) What are antibiotics? How are they produced?

(c) What is a vaccine? What is meant by vaccination? How does it help to prevent diseases?

(d) What are communicable diseases? Write the modes of their transmission.

11. Based on your Class 8 chapter 'Pollution of Air and Water' ,answer the following:

(a) What is meant by air pollution. Explain various reasons of air pollution.

(b) What is meant by water pollution? Explain various reasons for water pollution.

(c) Draw nitrogen cycle and describe it.

12. Based on your class 8 chapter ' Crop production and Management' answer the following:

(a) Write difference between Kharif and Rabbi crops.

(b) Write difference between Fertilizers and manure.

(c) Explain various sources of irrigation.

(d) What is meant by animal husbandry?