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Class: V

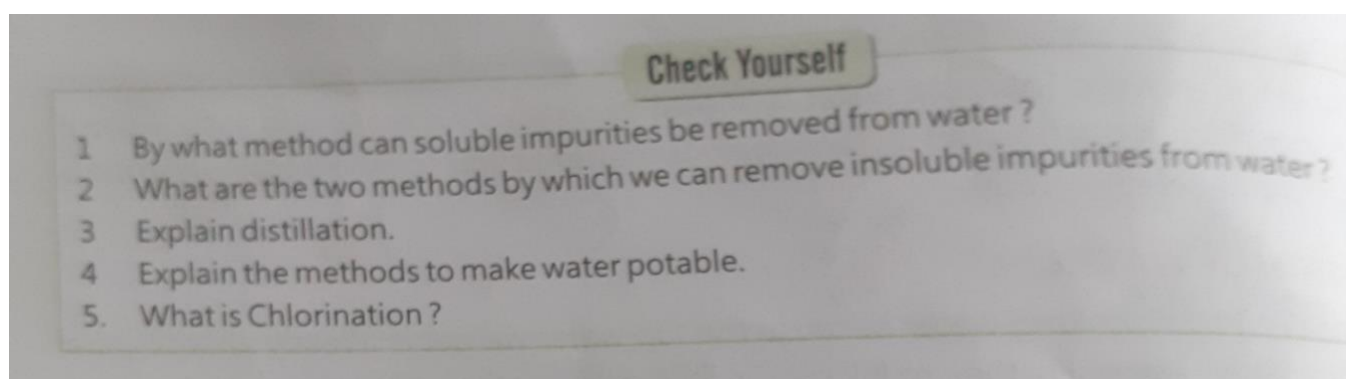
Sub.tec: Naina paswan

Subject: SCIENCE

Date : 11/12/21(Saturday)

BASED ON N.C.E.R.T PATTERN

LESSON: 11. AIR AND WATER



ANSWERS:

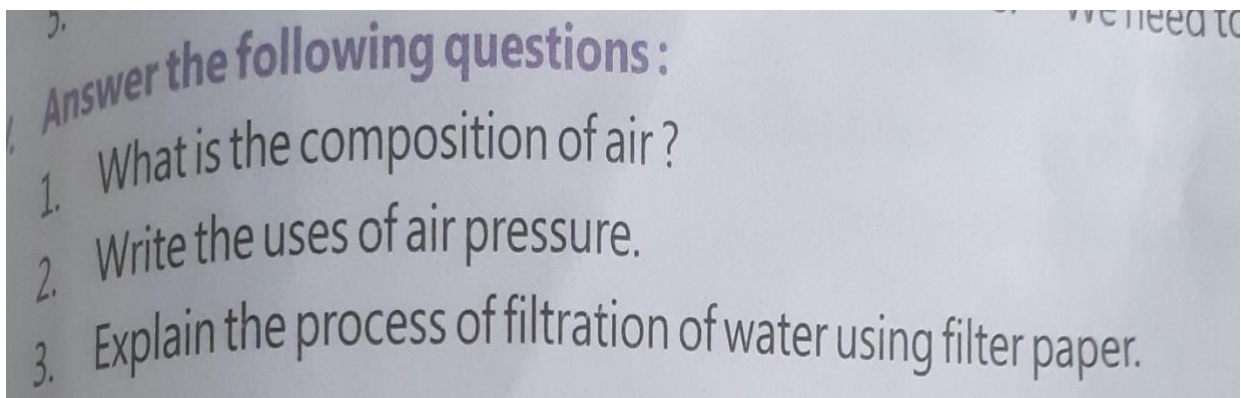
Ans 1. We can remove soluble impurities from water by evaporation and decantation.

Ans 2. The process such as Sedimentation, Decantation and Filtration are used to remove insoluble impurities in water. The substance which makes water unfit for beneficial use, it is called as impurities.

Ans 3. Distillation, or classical distillation, is the process of separating the components or substances from a liquid mixture by using selective boiling and condensation. Dry distillation is the heating of solid materials to produce gaseous products (which may condense into liquids or solids).

Ans 4. If you don't have safe bottled water, you should boil your water to make it safe to drink. Boiling is the surest method to kill disease-causing organisms, including viruses, bacteria, and parasites.

Ans 5. Adding chlorine tablets in water kills germs and makes the water pure. • This process of purifying water is called chlorination.



ANSWERS:

Ans 1. Air is mixture of nitrogen, oxygen, carbon dioxide, water vapour and a few other gases.

Some dust particles may also be present in it.

Ans 2. Some common uses of air pressure in daily life are:

- 1. Inflating tires.**
- 2. Playing musical wind instruments.**
- 3. Drinking through straw.**
- 4. Flushing toilets.**
- 5. drawing water from well.**
- 6. operating barometer.**
- 7. Blowing up balloon.**
- 8. breathing.**

Ans 3. Researchers have invented filter paper that can inhibit the growth of specific bacteria that usually contaminate drinking water. These nanoparticle-coated cellulose-foam-based filter papers could be used to purify potable water.