

Prepare a project work on topic "Methods of water Puribication". Explain the bollowing methods of water puribication.

a) Boiling Method;

- -> The method of water purification by boiling it is called as boiling method.
- -? The things we need to remaber;
 - We have to boil water in a steel utensil.
 - We have to boil it for at least 3-5 minutes.
- +> Boiling method is a cheap and easy method of water purification.
- -) It is very good method of water purification as it makes water drinkable by killing the pathogenic germs in it.

b) Filtration method;

- +> It is the method of water purification in which we filter water to make it pure.
- -> It has two types. They are commercial tilters and Homemade tilters.
- Commercial filter is a filter which consist of Lilter candles where water gets filtered.
- -> Homemade tilter is a filter in which the water from top flows down through layer ob:.

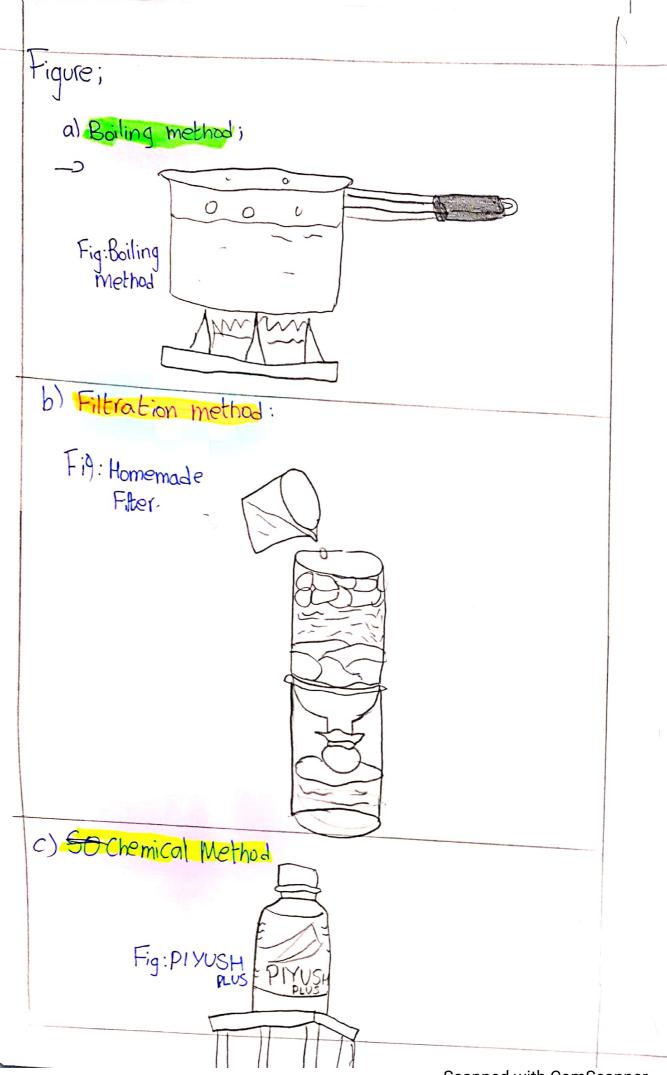
Sand, gravel, and collected in bottom container. It Tilters dust particles, mud but cannot kill micro-

c) Chemical Method

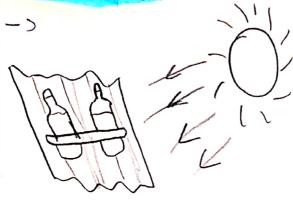
- Themical method is another method of water purification in which ehemicals are used to
- -> The chemicals help to kill the microorganisms.
- -> We can use chemicals like iodine, chlorine, etc.
- -> After addition of chemical, they should be left for about 30 minutes before consumption
- as it takes time for chemical reaction in water. Some examples are: Piyush, waterguard, etc.

d) SODIS method.

- Jet is also a method of water purification.
- -> Full form of SODIS method is Solar DIS intection
- Piclean, colorless & transparent plastic bottle is taken and fill with about 2/3 of water.
- about 15 no signify shake the bottle for
- -> Now, will the bottle completely and keep it under sun bor about 6 hours at an angle 8t 45° with horizontal ground.



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2) Malnutrition is observed more in children's, pregnant women & breast feeding women. Write down the causes of this situation and write your view to minimize this problem.

The causes of malnutrition are;

- -> Deficiency of Carbohydrate & proteins.
 - ? Debiciency of vitamin D, A, C, B, etc.
- -) Deficiency of blood in body.
- -> Deficiency of idiodine in body.
- -> Prolonged intake of packed food.
- -> Poverty [as poor People can abbord tood]
- -> Lack of awareness againstit.
- -> Poor sanitation in rural dreas.
 - -> Lack of breast feeding by mother.

-> In my opinion, we can minimize malnutrition by; - Encouraging mothers for breast feeding.

-> Getting rid ob worms and other indection in children.

-> Radding nutrient rich zood in the diet.

-> Statt Staying at sun at morning to gain vitamin D through Sunshine.

-> Going for Regular medical checkup.

-> Cleaning et face and eyeyes with clean water 3 times a day.

-> Doing exercise everyday.

-> Brushing twice a day.

- ? Awaring people against it.

-> Leaving the habit ob taking drugs and chewing tobacco.

