



7. Name two chemicals used to disinfect water.

Answer: Chlorine and ozone

8. Explain the Junction of bar screens in a wastewater treatment plant.

Answer: Bar screens clear the wastewater of all the physical impurities. Large size waste like napkins, plastics, cans etc. are removed from the wastewater through the bar screens.

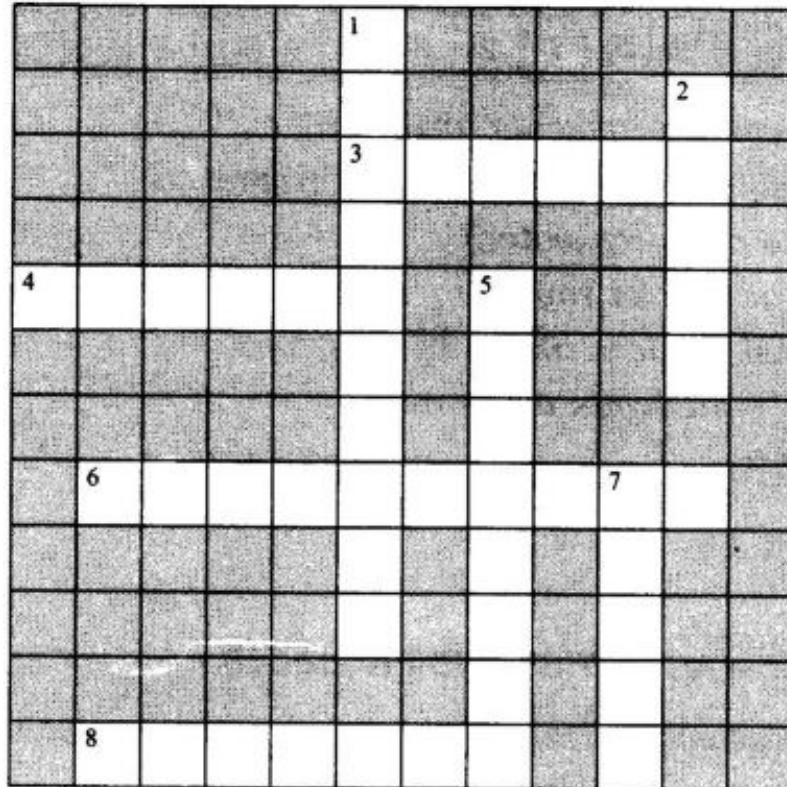
9. Explain the relationship between sanitation and disease.

Answer: Sanitation and disease are related to each other. Sanitation involves proper disposal of sewage and refuse from house and public places. If sanitation is there, no disease will occur, but if sanitation is not there various types of disease will occur and spread. So sanitation should be kept to avoid disease.

10. Outline your role as an active citizen in relation to sanitation.

Answer: As active citizen we should take care of our personal environmental sanitation. We should make people aware of the benefits of sanitation. We should help municipal corporations to cover all the open drains and remove disease causing substances thrown in open.

11. Here is a crossword puzzle. Good luck!



Across:

3. Liquid waste products

4. Solid waste extracted in sewage treatment

6. A word related to hygiene

8. Waste matter discharged from human body

Down:

1. Used water
2. A pipe carrying sewage
5. Micro-organisms which cause cholera
7. A chemical to disinfect water

Answer:

					¹ W						
					A					² S	
					³ S	E	W	A	G	E	
					T					W	
⁴ S	L	U	D	G	E		⁵ B			E	
					W		A			R	
					A		C				
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12. Study the following statements about ozone:
- (a) It is essential for breathing of living organisms.
 - (b) It is used to disinfect water.
 - (c) It absorbs ultraviolet rays.
 - (d) Its proportion in air is about 3%.

Which of these statements are correct?

- (i) (a) (b) and (c)
- (ii) (b) and (c)
- (iii) (a) and (d)
- (iv) All four

Answer: (ii) (b) and (c)

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