

Water

Sr	Questions	Answers Choice
1	Vibriosis cholera bacteria causes the disease	A. Cholera B. Diarrhea C. Jaundice D. Hepatitis
2	Which one of the diseases causes severe diarrhea and can be fatal?	A. Jaundice B. Dysentery C. Cholera D. Typhoid
3	Temporary hardness is because of .	A. $\text{Ca}(\text{HCO})_3$ B. CaCO_3 C. MgCO_3 D. MgSO_4
4	Swimming pools are cleaned by a process:	A. Hydrogenation B. Bromination C. Chlorination D. Nitration
5	At which temperature of water shows maximum density.	A. 0 °C B. 100 °C C. 4 °C D. -4 °C
6	Chemical formula of hypochlorous acid is.	A. HCl B. HOCl C. H_2CO_3 D. HF
7	Sodium zeolite is naturally occurring reason of .	A. NaAlSi_3 B. Na_2CO_3 C. CaCO_3 D. Na_2SiO_3
8	Density of water at 4°C is:	A. 0.976 g/cm ³ B. 1 g/cm ³ C. 0.956 g/cm ³ D. 1.1 g/cm ³
9	Ionic compounds are soluble in water due to:	A. Hydrogen bonding B. ion-dipole forces C. Dipole-dipole forces D. Dipole-induced dipole forces
10	Water become hard because of:	A. Ca ²⁺ B. Mg ²⁺ C. SO ²⁻ D. all of these
11	Which is not a heavy metal.	A. Cadmium B. Lead C. Zinc D. Mercury
12	Water has a maximum density at 4 °C	A. 12 g/cm ³ B. 2 g/cm ³ C. 1 g/cm ³ D. 4 g/cm ³
13	Temporary hardness in water can be removed by.	A. Boiling Method B. Using washing soda C. Using sodium zeolite D. All of them
14	Which one of the following diseases severe diarrhea and can be fatal?	A. Jaundice B. Cholera C. Dysentery D. Typhoid
15	Hard water can cause.	A. Stomach disorder B. Boiler blasts C. Inefficiency of engine

16	Clark's method is used to remove the hardness of water, in this method which is used.	<p>D. All of them</p> <p>A. $\text{Ca}(\text{HCO}_3)_2$</p> <p>B. Na-Zeolite</p> <p>C. Ca-Zeolite</p> <p>D. $\text{Ca}(\text{OH})_2$</p>
17	Salt makes the water permanently hard.	<p>A. CaSO_4</p> <p>B. $\text{Ca}(\text{HCO}_3)_2$</p> <p>C. NaHCO_3</p> <p>D. NaCO_3</p>
18	The heat capacity of water is.	<p>A. $4.2 \text{ Jg}^{-1}\text{K}^{-1}$</p> <p>B. $2.1 \text{ Jg}^{-1}\text{K}^{-1}$</p> <p>C. $3.2 \text{ Jg}^{-1}\text{K}^{-1}$</p> <p>D. $5.9 \text{ Jg}^{-1}\text{K}^{-1}$</p>
19	Temporary hardness is due to the presence of bicarbonates of.	<p>A. Calcium</p> <p>B. Magnesium</p> <p>C. Both of them</p> <p>D. None of them</p>
20	Which disease cause when humans use water of industrial effluents.	<p>A. Cancer</p> <p>B. Asthma</p> <p>C. Jaundica</p> <p>D. Cholera</p>