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Incorrect

Mark 0.00 out of 2.00

Removal of which type of impurities from drinking water is essential to the extent of 100%?

Select one:

- ☐ a. Microbiological impurities
- ☒ b. Dissolved impurities ✖
- ☐ c. Colloidal impurities
- ☐ d. Suspended impurities

The correct answer is: Microbiological impurities

**Question 2**

Correct

Mark 1.00 out of 1.00

In high pressure boilers, sodium carbonate decomposes to give \_\_\_\_\_.

Select one:

- ☒ a. Sodium hydroxide ✔
- ☐ b. Sodium oxide
- ☐ c. Sodium hexametaphosphate
- ☐ d. Sodium phosphate

The correct answer is: Sodium hydroxide

**Question 3**

Incorrect

Mark 0.00 out of 1.00

A water sample is found to contain large amount of sodium chloride. The process of removing it from water is called \_\_\_\_\_.

Select one:

- ☒ a. Deaeration ✖
- ☐ b. Dehydration
- ☐ c. Demineralization
- ☐ d. Desalination

The correct answer is: Desalination

Question 4

Correct

Mark 1.00 out of 1.00

Disinfection is destruction of \_\_\_\_\_ present in water.

Select one:

- ☒ a. Pathogenic organisms ✓
- ☐ b. Inorganic impurities
- ☐ c. All microorganisms
- ☐ d. Only bacteria

The correct answer is: Pathogenic organisms

Question 5

Correct

Mark 1.00 out of 1.00

The purpose of coarse sand bed and gravels bed in sand filter is \_\_\_\_\_.

Select one:

- ☐ a. To regenerate sand filter
- ☒ b. To support fine sand bed ✓
- ☐ c. To remove fine suspended particles
- ☐ d. To remove larger suspended particles

The correct answer is: To support fine sand bed

Question 6

Correct

Mark 2.00 out of 2.00

With increase in thickness of scales in boilers, the wastage of fuel \_\_\_\_\_.

Select one:

- ☐ a. Remains constant
- ☐ b. Increases first and then decreases
- ☒ c. Goes on increasing ✓
- ☐ d. Decreases first and then increases

The correct answer is: Goes on increasing

Question 7

Incorrect

Mark 0.00 out of 1.00

Which of the following cannot act as a coagulant?

Select one:

- ☐ a. Ferric sulphate
- ☒ b. Ferric chloride ✗
- ☐ c. Sodium hydroxide
- ☐ d. Potash alum

The correct answer is: Sodium hydroxide

Question 8

Correct

Mark 1.00 out  
of 1.00

Hydrolysis of \_\_\_\_\_ leads to formation of a scale.

Select one:

- ☐ a. Sodium chloride
- ☒ b. Magnesium chloride ✓
- ☐ c. Calcium hydroxide
- ☐ d. Magnesium hydroxide

The correct answer is: Magnesium chloride

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☎ +91 866 2582333,2584930

✉ [principal@vrsiddhartha.ac.in](mailto:principal@vrsiddhartha.ac.in)



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