

EMT411

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1. _____ affect the toxicity of many substances in the water.

alkalinity

pH

hardness

--->> all of the above

2. Whenever the pH touches 8.3, the presence of _____ is indicated

dissolved oxygen

acid

--->> carbonates

alkaline

3. Barium chloride is used for producing _____ due to barium sulphate and a mixture of organic substance (Glycerol or Gum acetia)

--->> turbidity

carbonate

sulphate

sulphide

4. Biochemical Oxygen Demand is a measure of organic material contamination in _____ specified in mg/L.

--->> water

soil

air

atmosphere

5. _____ is measured by nephelometric method in which the concentration of turbidity is measured against the known concentration of synthetically prepared

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--->> sulphate

sulphide

carbonates

alkaline

6. Sodium chloride is used to prevent the settling of _____

--->> turbidity

carbonate

sulphate

sulphide

7. _____ demands are key indicators of the environmental health of a surface water supply.

biochemical oxygen

chemical oxygen

carbon

--->> A and B

8. _____ is measured spectroscopically at 425 nm radiation by making a colour complex with Nessler's reagent

sulphate

Carbonate

--->> Ammonia

turbidity

9. Chemical Oxygen Demand is the amount of dissolved _____ required to cause chemical oxidation of the organic material in water.

chemical

--->> oxygen

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none of the above

10. _____ in sample is measured titrimetrically by Winkler's method after 5 days incubation at 293 K.

pH

alkalinity

--->> total dissolved solids

specific conductance

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