

QUIZ NO: 374

TOPIC: WATER SUPPLY ENGG

DATE: 08/12/2020

1. If the given water sample has a turbidity above 50 ppm, the method used for determining turbidity is?

- [1] Baylis turbidimeters
- [2] Hellipe turbidimeters
- [3] Jacksons turbidimeter
- [4] Turbidity tube

Answer : C

2. At lower pH , the contact period required for chlorination is?

- [1] same
- [2] higher
- [3] lower
- [4] none of these

Answer : C

3. Which among the following are not pipe fittings?

[1] claws and caps

[2] flanges and nipples

[3] elbows and bends

[4] tees and union

Answer : A

4. What is the predominating coagulation mechanism for raw water having high turbidity and high alkalinity?

[1] Ionic layer compression

[2] Adsorption and charge neutralization

[3] Sweep coagulation

[4] Inter particle bridging

Answer : C

5. What is the test adopted to find the presence of Lead in water sample?

- [1] using sulphuric acid
- [2] using lime water
- [3] using potassium ferro - cyanide
- [4] using potassium permanganate

Answer : A

6. Chlorides from water are removed by?

- [1] Lime Soda Process
- [2] Reverse Osmosis
- [3] Cation Exchange Process
- [4] Chemical Coagulation

Answer : B

7. Which among the following water distribution system offers high pressure supply at the farthest areas from the point of supply?

- [1] Dead end system
- [2] Grid iron system
- [3] Radial system
- [4] Ring system

Answer : D

8. Which one of the following factors has the maximum effect on figure of per capita demand of water supply of a given town?

- [1] Method of charging of the consumption
- [2] Quality of water
- [3] System of supply-intermittent or continuous
- [4] Industrial demand

Answer : D

9. Which one of the following processes of water softening requires recarbonation?

- [1] Lime-soda ash process
- [2] Hydrogen-cation exchanger process
- [3] Sodium-cation exchanger process
- [4] Demineralization

Answer : A

10. Sonoscope is used for which one of the following?

- [1] Checking the accuracy of water meters
- [2] Regulating the fire hydrants
- [3] As a replacement of venturimeter for discharge measurement
- [4] Detection of leakage in underground water mains

Answer : D

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