

QUIZ NO: 350

TOPIC: WATER SUPPLY ENGINEERING

DATE: 10/10/2020

1. Which one of the following filters will produce water of higher bacteriological quality?

- [1] Pressure filter
- [2] Slow sand filter
- [3] Rapid sand filter
- [4] Dual media filter

Answer : B

2. After which of the following treatment units, the turbidity is maximum?

- [1] Primary sedimentation
- [2] Chlorination
- [3] Secondary sedimentation
- [4] Flocculation basin

Answer : D

3. How can we remove iron and manganese from water, in a water treatment plant?

- [1] aeration
- [2] aeration and coagulation
- [3] aeration and flocculation
- [4] aeration and sedimentation

Answer : D

4. 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

5. What is the most important design parameter used in designing a continuous flow rectangular sedimentation tank for removal of discrete particles?

- [1] Length of the tank
- [2] Surface overflow rate
- [3] Depth of the tank
- [4] Temperature of treated water

Answer : B

6. 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

7. 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

8. Which is the most widely used fire hydrant?

- [1] Pillar hydrant
- [2] Post hydrant
- [3] Sunk hydrant
- [4] Peripheral hydrant

Answer : C

9. 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

10. Which one of the following valves is seldom used in water distribution systems because of high head loss characteristics?

- [1] Butterfly
- [2] Globe
- [3] Sluice
- [4] Plug

Answer : D

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Quiz

ANSWER KEY