

QUIZ NO: 383

TOPIC: WATER SUPPLY ENGINEERING

DATE: 29/12/2020

1. Which one of the following pair is not correctly matched?

- [1] Check valve: To check water flow in all directions
- [2] Sluice valve: To control flow of water through pipelines
- [3] Air valve: To release the accumulated air
- [4] Scour valve: To remove silt in a pipeline

Answer: A

2. Which of the following methods are employed for determination of free and combined chlorine residuals in water?

- [1] Starch – iodide method and DPD method
- [2] Amperometric titration method
- [3] SNORT method
- [4] Winkler's method

Answer: A

3. Minimum D.O prescribed for a river stream, to avoid fish kill is

- [1] 2ppm
- [2] 4ppm
- [3] 8ppm
- [4] 10ppm

Answer: B

4. Symbiosis, the beneficial association between algae & bacteria is used for treatment of waste water in the following unit

- [1] Activated sludge
- [2] Rotating biological sludge
- [3] Anaerobic digester
- [4] Oxidation pond

Answer: D

5. Both fish life and algae are present in the river zone known as

- [1] Zone of degradation
- [2] Zone of active decomposition
- [3] Zone of recovery
- [4] Zone of clear water

Answer: B

6. The phenomenon by virtue of which a soil is clogged with sewage matter, is called

- [1] Sewage farming
- [2] Sewage sickness
- [3] Sewage bulking
- [4] None of these

Answer: B

7. A clarifloculator is a

- [1] Plain sediment unit
- [2] Aeration unit
- [3] Coagulation –sedimentation unit
- [4] None of These

Answer: C

8. In India as per Indian Standards water consumption per day for domestic purpose is

- [1] 85 l
- [2] 100 l
- [3] 115 l
- [4] 135 l

Answer: D

9. High bacterial removal by slow sand filter is accomplished by

- [1] Mechanical staining
- [2] Schmutzdecke
- [3] Filtration
- [4] Electrolytic chambers

Answer: A

10. Slow sand filter is efficient to remove the bacteria from the raw water to an extent of

- [1] 50%
- [2] 70%
- [3] 85%
- [4] 99%

Answer: D

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