

**QUIZ NO: 455**

**TOPIC: ENVIRONMENTAL ENGINEERING**

**DATE: 15/06/2021**

**1. Self-Purification of running water in streams may be due to:**

- [A] Sedimentation, Oxidation and Coagulation
- [B] Dilution, Sedimentation and Oxidation
- [C] Dilution, Sedimentation and Flocculation
- [D] Dilution, Oxidation and Coagulation

**Answer: B**

**2. Traps are used in the house hold drainage system to:**

- [A] Restrict the flow of water
- [B] Prevent entry of foul gases in the house
- [C] Provide a partial vacuum
- [D] Trap the solid wastes

**Answer: B**

**3. The permissible turbidity for drinking water is:**

- [A] 15 to 20 ppm
- [B] 5 to 10 ppm
- [C] 1 to 5 ppm
- [D] 10 to 15 ppm

**Answer: B**

**4. Hardness of water is caused by the presence of the following in water**

- [A] Chlorides and Sulphates
- [B] Calcium and Magnesium
- [C] Nitrites and Nitrates
- [D] Sodium and Potassium

**Answer: B**

**5. The deposition of alkali salts on the inside walls of a tube well is known as**

- [A] Corrosion
- [B] Precipitation
- [C] Flocculation
- [D] Incrustation

**Answer: D**

**6. The following chemical is used for coagulation**

- [A] Ammonium Chloride
- [B] Aluminium Chloride
- [C] Aluminium Sulphate
- [D] Copper Sulphate

**Answer: C**

**7. The pipe which carries discharges from sanitary fittings such as water closets, urinals etc. is called:**

- [A] Waste pipe
- [B] Discharge pipe
- [C] Vent pipe
- [D] Soil pipe

**Answer: D**

**8. The most significant gaseous air pollutant is:**

- [A] Carbon dioxide
- [B] Oxygen
- [C] Nitrogen
- [D] Sulphur dioxide

**Answer: D**

**9. The growth of algae is useful in:**

- [A] Sedimentation tank
- [B] Slow sand filter
- [C] Oxidation pond
- [D] Sludge digestion tank

**Answer: C**

**10. If the expected turbidity of water is more than 5000 ppm, the turbidimeter used for analysis is**

- [A] Jackson turbidimeter
- [B] Hellige turbidimeter
- [C] Baylis turbidimeter
- [D] Any one of the above

**Answer: A**

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