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Waste Water Engineering MCQ Test

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Below is the **Waste Water Engineering MCQ** test that checks your basic knowledge of Waste Water Engineering. This **Waste Water Engineering MCQ Test** contains 20 Multiple Choice Questions. You have to select the right answer to the question. Finally, you can also take the Online Quiz from the Take **Waste Water Engineering Quiz** Button.

Q1. What is called the wastewater from different sources like bathrooms, kitchens, and washbasins?

- **A. Sullage**
- B. Garbage
- C. Sullage
- D. Discharge

Q2. Which of the following water carriage system is used in urban cities?

- **A. Separate system**
- B. Combined system
- C. Partially separate system
- D. Partially combined system

Q3. is an advantage of the conservancy system over the water carriage system.

- A. Labour force
- B. Spread of epidemic
- **C. Water consumption**
- D. Compact house design

Q4. Which of the following is used to lift surface water and move it to a nearby treatment plant?

- A. Pumps
- **B. Low-lift pumps**
- C. Water carriers
- D. Water suppliers

Q5. Is the dry weather flow also called as sanitary sewage?

- **A. Yes**
- B. No

Q6. Which of the following is the lowest wastewater flow in hospitals?

- A. 50 gpcd
- B. 40 lpcd
- **C. 700 lpcd**
- D. 900 lpcd

Q7. 8 ft/sec. is the maximum allowable velocity in public water mains.

- **A. True**
- B. False

Q8. Which of the following type of sewer systems are preferred in India?

- A. Partial
- B. Direct
- C. Separate
- **D. Combined**

Q9. What does the SSMP stand for?

- **A. Sewer System Management Plan**
- B. Storm System Management Plan
- C. Soil and Storm Management Plan
- D. Storm and Sewage Management Plan

Q10. Which of the following is required to transport stormwater runoff from roofs,

parking lots, streets, and highways to a point of discharge?

- **A. Storm sewers**
- B. Water sewers
- C. Sanitary sewers
- D. Wastewater sewers

Q11. Which of the following manholes having a depth greater than 1.5 m?

- **A. Deep manholes**
- B. Normal manholes
- C. Shallow manholes
- D. All of the above

Q12. What is the minimum recommended diameter of sewers?

- A. 10 cm
- **B. 15 cm**
- C. 20 cm
- D. 22 cm

Q13. Which of the following is the non-clog pump which permits solid matter to pass out with the liquid sewage?

- **A. Centrifugal pump**
- B. Pneumatic ejector
- C. Reciprocating pump
- D. None of the above

Q14. Which coagulant is widely used for sewage treatment?

- A. Alum
- **B. Ferric chloride**
- C. Ferric sulphate
- D. Chlorinated copperas.

Q15. Which of the gas may cause an explosion in sewers?

- A. Ammonia
- **B. Methane**
- C. Carbondioxide
- D. Carbon monoxide.

Q16. What is the pH value of fresh sewage?

- A. Equal to 7
- B. Less than 7
- **C. More than 7**
- D. None of the above

Q17. Rapid filtration is used as the final clarifying step in municipal water treatment plants.

- **A. True**
- B. False

Q18. Which of the following is the specified minimum time for the backwash of rapid filters?

- A. 2 Minulte
- B. 3 Minute
- C. 4 Minute
- **D. 5 Minute**

Q19. A sand filter removes

- A. BOD
- B. COD
- **C. TSS**
- D. TDS

Q20. Which of the following is the shape of a typical trickling filter?

- A. Square
- **B. Circular**

- **C.** Cylindrical
- **D.** Rectangular

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