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1. Surge tanks are used

- A. for storage water
- B. to increase the velocity in a pipeline
- C. as overflow valves
- D. to guard against water hammer.

Answer: Option D

Explanation:

No answer description available for this question. [Let us discuss.](#)

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2. As per IS : 1172-1963, water required per head per day for average domestic purposes, is

- A. 50 litres
- B. 65 litres
- C. 85 litres
- D. 105 litres
- E. 135 litres.

Answer: Option E

Explanation:

No answer description available for this question. [Let us discuss.](#)

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3. In slow sand filters, the turbidity of raw water can be removed only up to

- A. 60 mg/litre
- B. 75 mg/litre
- C. 100 gm/litre
- D. 150 mg/litre.

Answer: Option A

Explanation:

No answer description available for this question. [Let us discuss.](#)

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4. Biochemical Oxygen Demand (B.O.D.) of safe drinking water must be

- A. nil
- B. 5
- C. 10
- D. 15
- E. 20

Answer: Option A

Explanation:

No answer description available for this question. [Let us discuss.](#)

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5. Acidity in water is caused due to

- A. Mineral acids
- B. Free CO₂
- C. Iron sulphate
- D. Aluminium sulphate
- E. All the above.

Answer: Option E

6. The transitional middle portion of a logistic curve follows

- A. a geometric growth
- B. a logarithmic growth
- C. a first over curve
- D. a constant rate.

Answer: Option D

Explanation:

No answer description available for this question. [Let us discuss.](#)

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7. Pick up the correct statement from the following :

- A. Excess quantities of iron and manganese in water, cause discolouration of clothes
- B. Lead and barium salts have toxic effect
- C. Arsenic and selenium are poisonous to human health
- D. Higher copper content affects the lungs
- E. All the above.

Answer: Option E

Explanation:

No answer description available for this question. [Let us discuss.](#)

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8. Pick up the incorrect statement from the following regarding fire hydrants
- A. Fire hydrants are fitted in water mains at 100 m to 150 m apart at fire
 - B. The minimum water pressure hydrants, is kept 1.5 kg/cm²
 - C. The water at pressure 1 to 1.5 kg/cm² is made available for 4 to 5 hours for constant use
 - D. None of these.

Answer: Option D

Explanation:

No answer description available for this question. [Let us discuss.](#)

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9. The specific retention is least in case of
- A. Clay
 - B. Sand
 - C. Silt
 - D. Coarse gravel.

Answer: Option D

Explanation:

No answer description available for this question. [Let us discuss.](#)

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10. B.O.D. of treated water should be
- A. 10 ppm
 - B. 25 ppm
 - C. 20 ppm
 - D. 30 ppm
 - E. Nil.

Answer: Option E

Explanation: