

- 1.The minimum recommended diameter of sewers, is
A. 5 cm B.10 cm C. 15 cm D.20 cm. []
2. Aerobic bacterias
A. flourishes in the presence of free oxygen B.consume organic matter as their food
C.oxidise organic matter in sewage D.All the above. []
3. The rate of accumulation of sludge in septic tanks is recommended as
A. 30 litres/person/year B. 25 litres/person/year
C. 30 litres/person/month D. 25 litres/person/month. []
4. If 2% solution of a sewage sample is incubated for 5 days at 20°C and depletion of oxygen was found to be 5 ppm, B.O.D. of the sewage is
A. 200 ppm B. 225 ppm C. 250 ppm D. None of these. []
- 5.If D is the diameter of upper circular portion, the overall depth of a standard egg shaped section, is
A. D B. 1.25 D C. 1.5 D D. 1.75 D []
6. Pick up the correct statement from the following :
A. pH value indicates acidity and alkalinity of sewage B. In acidic sewage, the pH value is less than 7
C. In alkaline sewage, the pH value is more than 7 D. All the above. []
7. The non-clog pump which permits solid matter to pass out with the liquid sewage, is
A. centrifugal pump B. reciprocating pump
C. pneumatic ejector D. none of these. []
- 8.The most dangerous pollutant in vehicular emissions is
A. CO B. SO₂ C. CO₂ D. O₃. []
- 9.Rate of flow of sewage is generally assumed
A. more than the rate of water supply B. equal to the rate of water supply
C. less than the rate of water supply D. at 150 litres per capita. []
- 10.The pH value of fresh sewage is usually
A. equal to 7 B. more than 7 C. less than 7 D. equal to zero.[]
- 11.Inter-distance between ventilation columns in a sewer line is kept
A. 25 to 50 m B. 50 m to 100 m C. 100 m to 150 m D. 150 m to 300 m.[]
- 12.A nuisance is experienced in diluting water if dilution factor is less than
A. 100 B. 60 C.40 D. 20 []
- 13.If D.O. concentration falls down to zero in any natural drainage, it indicates the zone of
A. degradation B. active decomposition C. Recovery D. cleaner water []
14. For drainage pipes in buildings the test applied before putting them to use, is
A. water test B. smoke test C. straightness test D. all the above. []
- 15.Self-cleansing velocity is
A. velocity at dry weather flow B.velocity of water at flushing
C. velocity at which no accumulation remains in the drains D.velocity of water in a pressure filter. []
16. The liquid wastes from kitchens, bath rooms and wash basins, is not called
A. liquid waste B. Sullage C. Sewage D. none of these. []
17. The presence of free ammonia in sewage, is detected by
A. boiling B. adding pottassium permanganate
C. adding sulphuric acid D. phenol-di-sulphuric acid. []
- 18.The standard B.O.D. of water is taken for
A. 1 day B. 2 days C. 3 days D. 5 days []
19. A manhole is classified as shallow if its depth is between
A. 0.4 to 0.5 m B. 0.5 to 0.7 m C. 0.7 to 0.9 m D. 0.9 to 1.20 m []
20. The detention period for plain sedimentation water tanks, is usually
A. 4 to 8 hours B. 8 to 16 hours C. 16 to 24 hours D. 24 to 36 hours.[]