



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

WORKSHEET – 58

Class: XII

Sub: Biological Science

Date: 30.11.2020

Topic: Ch (10) Part 2 – Microbes in Human welfare

F.M. : 15

Choose the correct option:

(1x15=15)

- Sewage treatment comprising of the physical removal of particles is called
a) Primary treatment b) Secondary treatment c) Biological treatment d) Both (a) and (b)
- The solids which settle down in the filtration tanks is called
a) supernatant b) primary sludge c) primary residue d) primary effluent
- The masses of bacteria associated with fungal filaments to form mesh like structures is called:
a) sludge b) flocs c) effluent d) all of these
- A small part of is used as an inoculum and pumped back to the aeration tank.
a) activated sludge b) primary sludge c) secondary sludge d) none of these
- The gases which are found in the biogas are
a) Carbon dioxide and carbon monoxide b) carbon dioxide and carbon monoxide and methane c) methane, carbon dioxide and hydrogen sulphide d) hydrogen sulphide and carbon dioxide
- The bacteria which produces methane, carbon dioxide and hydrogen are called bacteria
a) Methanogenic b) purple sulphur c) acidophilic d) all of these
- The technology of Biogas production is developed in India mainly due to the efforts of I.A.R.I which is the abbreviated form of
a) International Agricultural Research Institute b) Indian Agricultural Research Institute c) Indian Agro Research Institution d) Indian Agricultural Rice Institute
- The letter Bt in Bt Cotton stands for:
a) *Bacillus thuringiensis* b) Biotechnology c) Barium treated d) Bacterial titred
- is used as a biocontrol agent against aphids and mosquitoes.
a) Lady bug b) bed bug c) Dragon flies d) both (a) and (c)
- The bacteria *Bacillus thuringiensis* produces as a toxin which is used as a pesticide.
a) Cry protein b) lipase c) Protease enzyme d) Bt protein
- The baculoviruses used to attack insects and different arthropods are called
a) *Nucleopolyhedrovirus* b) Lambda phage c) T2 Phage d) T4 phage
- Trichoderma* is an example of of a biocontrol agent.
a) bacteria b) fungi c) virus d) protozoan

13. Free living cyanobacteria is:
a) *Azotobacter* b) *Azospirillum* c) *Rhizobium* d) *Lactobacillus*
14. is a fungus which is found in association with plant roots.
a) *Glomus* b) *Trichoderma* c) *Azotobacter* d) *Azospirillum*
15. is an example of biofertilizer used in paddy field.
a) *Nostoc* b) *Anabaena* c) *Oscillatoria* d) all of these

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