

Section-3

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Q.2 Indicator Organism:- An indicator organism is that organism whose presence / detection in water, leads us to presume that water has been contaminated. It also helps us to reflect the type & degree of contamination.

Characteristics of ideal pathogen indicator

- i) An ideal pathogen indicator should be therefore always be present whenever pathogens are present in water & vice versa.
- ii) It should in itself, be not a pathogen, so as not to cause hazard to laboratory technicians.
- iii) It should be easily applicable to all types of waters.
- iv) It should be easily detectable on easy testing, without being interfered with by other organisms.