

## Ans (3/2)

\* Indicator organism  $\Rightarrow$  An indicator organism in that organism whose presence detection in water, leads in to presume that water has been contaminated. It also helps us to reflect the types 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 detectable on easy testing without being interfered with by other organisms.