



SELF-ASSESSMENT TEST LESSON 1

State whether each of the following statements about **Introduction to Water Pollution** is True (T) or False (F)

1	Dissolved constituents include clays and other silicates, colloids and microorganisms	T	F
2	Water quality requirements, expressed as water quality standards, are use-specific	T	F
3	Suspended Solids (SS) can be subdivided in Volatile Solids (VS) and Dissolved Solids (DS)	T	F
4	Conductivity is determined comparing the intensity of the light scattered by a water sample to the light scattered by a reference suspension under the same conditions	T	F
5	The four different collective analyses of the organic compounds are COD, BOD, Y and SS	T	F
6	If the wastewater contains easily biodegradable compounds k is low and BOD_{max} is reached in a short time	T	F
7	With the addition of oxidizable pollutant, reaeration-rate increases	T	F
8	Acidity is the ability of the water to resist changes in pH caused by the addition of heavy metals	T	F
9	In the critical point (D_c), the oxygen deficit is greatest and the Dissolved Oxygen (DO) is lowest	T	F
10	The ratio of BOD/COD provides a useful guide to the proportion of biodegradable organic material present in the wastewater	T	F