



SELF-ASSESSMENT TEST

LESSON 2

State whether each of the following statements about **Urban Wastewater treatment technologies** is True (T) or False (F)

1	The best location for homogenization facilities is after pretreatment, ahead of primary settling	T	F
2	Oils and fat removal is brought by introducing fine air bubbles into the wastewater	T	F
3	Primary treatment of water is designed to remove dissolved solids	T	F
4	Coagulation is the aggregation of particles that have been chemically destabilized by flocculent agents	T	F
5	In trickling filters microorganisms are maintained in suspension within the liquid by mixing methods	T	F
6	The two overall biological reactions by which nitrogen, originally present as NH_4^+ , can be removed from water are nitrification and nitrogen fixation	T	F
7	Secondary treatment consists of the transformation of non-biodegradable organic matter	T	F
8	One of the disadvantages of ozonization is that ozone reacts with the organic constituents in wastewater to produce Trihalomethanes (THM) and, these by-products are toxic	T	F
9	The most widespread use of ion exchange is water softening	T	F
10	Activated carbon (AC) is the most commonly used adsorbent	T	F