# A float operated mechanical feeder valve should:

1. be a normally closed valve
2. open just after the low-water cutoff switch opens
3. be located above the water column
4. not be deemed a stand-by device
5. not open until the level is well below the feed pump cut-in level

# A Hartford loop will:

1. eliminate the need for venting a steam heating system
2. ensure continuous circulation of a hot water system
3. prevent steam from entering a steam pressure gage
4. prevent boiler water level from going below the LPWL
5. prevent the draining of an expansion tank

# An electric feeder valve will:

1. eliminate the need for a low-water fuel cutoff
2. prevent a low-water trip
3. require manual action to open
4. open after the unit trips on low-water

# Because of variations in flow rate, nearly all large steam heating plants utilize:

1. an economizer
2. a deaerator
3. a condensate receiver
4. multiple boilers
5. steam pressure regulating valves

# Dissolved oxygen in condensate:

1. will cause pitting in a boiler
2. may use pitting on the return lines
3. causes grooving of the condensate lines
4. cannot be removed with chemicals
5. necessitates the installation of a deaerator

Answers 1=e, 2=d, 3=b, 4=c,5=a