1) True or false? The period used to determine the required base shear strength is limited to ensure that the required base shear strength is not underestimated.
   a) True
   b) False

2) Which systems are permissible for this SDC D building?
   a) Special Moment Frames
   b) Special Concentrically Braced Frames
   c) Eccentrically Braced Frames
   d) Buckling-Restrained Braced Frames
   e) All of the above
   f) None of the above

3) Which is most correct?
   a) Supplement S1 to F1554 is a good idea to provide the option of welding to repair damaged anchor rods.
   b) Supplement S1 to F1554 is a good idea to provide higher strength anchor rods.

4) Which is most correct?
   a) If seismic base shear governs wind loading may be ignored.
   b) If seismic base shear governs wind loading may be checked after frame design and may govern for light cladding and similar elements.

5) For a building in Seismic Design Category D, E, or F, if an extreme torsional irregularity is triggered by the removal of one element...(pick one)
   a) the torsional amplification factor is 3.0.
   b) the redundancy factor is 1.3.

6) Which is most correct?
   a) In SDC D, AISC 341 provisions must be followed if the seismic base shear governs over wind strength.
   b) In SDC D, AISC 341 provisions must be followed if the required stiffness to meet seismic drift limits is greater than the stiffness required to meet wind serviceability requirements.
   c) In SDC D, AISC 341 provisions must be followed.
7) OCBF are not used in the design because...(pick one)
   a) OCBF are not permitted for a building of this type in SDC D.
   b) OCBF are not an economical system.

8) Which special requirements apply to the seismic load resisting system of the given design?
   a) Weld CVN toughness
   b) Bolt pretension
   c) Bolt Class A faying surface
   d) All of the above

9) Which is most correct?
   a) Snow is not considered in the effective seismic weight.
   b) Light snow loading need not be considered in the effective seismic weight.

10) Which is most correct?
    a) Storage loads are not considered in the effective seismic weight.
    b) Small storage loads need not be considered in the effective seismic weight.