Name __________________________________ Date ___________________

1. Building Automation includes which of the following?
   a. Automatic Temperature Controls
   b. Fire system controls
   c. Security Controls
   d. All of the above

2. The HVAC component that mixes return air with fresh, outdoor air, is the
   a. Boiler
   b. Air handler
   c. Terminal unit
   d. Cooling tower

3. Most building HVAC loads are primarily determined by exterior conditions such as solar load, outside air temperature, etc.
   a. True
   b. False

4. BACnet is not hardware specific and can run on any network transport protocol.
   a. True
   b. False

5. The level of a network where "the work gets done" is the
   a. Building Controller Level
   b. Supervisory Level
   c. Enterprise Level
   d. Field Level

6. The ISA symbol for a device that measures or controls Humidity in a BAS diagram is
   a. A
   b. H
   c. T
   d. Hy
7. The most important comfort parameter in space conditioning is usually
   a. Humidity
   b. Air volume
   c. Temperature
   d. Space pressure

8. In contemporary use, HVAC controls are most often powered by 24 VDC
   a. True
   b. False

9. In newer buildings, steam is typically not used for zone heating so it must be converted to hot water
   a. True
   b. False

10. This typically shows the orientation of the Building Automation System network riser. The network ___________
    a. Wire list
    b. Title block
    c. Symbol list
    d. Riser drawing

11. EIA 485 is an electrical standard for a(n)
    a. unbalanced to ground signal system
    b. hybrid 2-phase modulation system
    c. balanced to ground signal system
    d. common reference signal system

12. A DVR is used with what system primarily?
    a. digital camera surveillance systems
    b. networked PLC systems
    c. SCADA masters
    d. SCADA slaves
EA15 - Pre-Instructional Survey Answer Sheet

1.  d
2.  b
3.  b
4.  a
5.  d
6.  a
7.  c
8.  b
9.  a
10. d
11. c
12. a