Microprocessor Controllers, SR-4 Programmable Features / Alarm Codes:

1. At which menu level do you find Programmable Features in an SR-4 controlled unit?
    _____

2. Which part of a microprocessor controlled system looks at information from inputs and makes logical decisions about the outputs? _____

3. The _____ is the interface between the microprocessor and unit components.

4. What contains the instructions for the microprocessor system?
    _____

5. Software controls the operations of the HMI and the SR-4 base controller.
    What series software is required for:
    a) The HMI? _____
    b) The multi temp SR-4 controller? _____

6. Of the 1L and the 9H sensor, which one is better? _____

7. How does the microprocessor know which grade of sensor is installed?

    _____

8. What do the letters ESD stand for? _____ _____ _____

9. To diagnose a unit with an alarm code, go to section number _____ of the SR-4 Green Book.

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10. A trailer arrives with the following alarm codes:

    - Code 11 (Unit Controlling on Alternate Sensor)
    - Code 04 (Check [Control] Discharge Air Sensor)

You determine the sensor is bad by following procedure D01A, "Unit Temperature Sensor Test," from the Green Book.

   1. *After physically changing the sensor, what Green Book procedure number must you follow?*

     _____

   2. *Why do you need to do the previous procedure?*

     _____

11. Either a new SR-4 controller has been installed, or a cold start has been performed.

   a) *What is the default setting shown in programmable features for a graded sensor?*

     _____

   b) *What alarm code would be displayed after a cold start, if the sensor grade is still set as the default setting?*

     _____

   c) *When the code listed in (b) appears, associated sensor codes such as code 04 will be displayed. What steps must you take to clear these associated sensor codes?*

     _____
     _____
     _____
     _____