Fleet Multi-Temp Quiz 6

Name:_____ **Number Correct:____/10**

Multiple Choice
Identify the choice that best completes the statement or answers the question.
This quiz should take approximately 15 minutes to complete.

1. Which software controls the operation of the Multi-temp SR-4 microprocessor?
   a. CAXX series software
   b. 65XX, 66XX, or 67XX series software
   c. Wintrac version 5.X software
   d. OptiSet setup software

2. The _____ is the link between the microprocessor and the external components.
   a. HMI.
   b. Output board.
   c. Software.
   d. Chassis ground.

3. Output Test mode can be used to:
   a. Energize all electrical components for a selected operating mode with the engine running.
   b. Force the unit to run in a selected operating mode to allow electrical system diagnostic procedures.
   c. Energize only one circuit and the unit is locked in mode of operation for 15 minutes with the engine not running.
   d. Force the system to run in a selected operating mode to allow refrigeration system diagnosis and service procedures

4. "Cold Start" is a special procedure to:
   a. Remove and replace the EPROM IC Chip.
   b. Reset the microprocessor to customer-programmed settings.
   c. Reset the microprocessor to its original factory settings.
   d. For warming the processor in sub-zero ambient.

5. To enter the Guarded Access Menu of a unit with an SR-4 Controller, you must:
   a. Push the "Menu" soft key.
   b. Push the "Menu" soft key, then simultaneously hold down the blank and exit soft keys.
   c. Enter the Maintenance menu first, and hold down the exit and blank keys simultaneously.
   d. Enter the Maintenance menu first, then scroll to the end of the menu, and hold down the exit and blank keys simultaneously.

6. In the SR-4 control system, what component contains the CPU and input connector for sensors?
   a. HMI
   b. DAS
   c. Microprocessor
   d. Output Board

7. "Prevent" mode will prevent a shutdown if:
   a. Engine water temperature gets too high.
   b. Engine temperature gets too low.
   c. Discharge pressure gets too low.
   d. Suction pressure gets too high.

8. If an SR-4 controller senses a hard sensor failure of the control return air temperature sensor, the controller will:
   a. Display alarm codes 03, 203 & 13.
   b. Immediately shut down the unit and display alarm codes 03 & 13.
   c. Display alarm codes 03 & 11, and shift control to the discharge sensor.
   d. Start an automatic defrost cycle to clear any codes.

9. On the SR-4 Output board, LED 48:
   a. Is green in color and known as the "heartbeat" LED.
   b. Flashes when the controller is on.
   c. Flashes faster when the controller is being flashloaded.
   d. All of the above.

10. ESD ground straps should be:
   a. Used when handling ESD sensitive equipment.
   b. Used when testing fuses on the interface board with a multimeter.
   c. Securely fastened around your wrist.
   d. All of the above.