F7 SAMPLE QUESTIONS Answer key is at bottom of page

1. Technician A says: Batch mixing is the simplest method of mixing foam. Technician B says: If the batch mixing is to be done directly in the apparatus water tank, the tank should be circulated for a few minutes before discharging foam. Who is correct?
A. Technician A
B. Technician B
C. Both A and B
D. Neither A nor B

2. An apparatus has a variable flow-variable rate injection foam system. Technician A says: The system is only accurate at a specific water pressure. Technician B says: The injection rate is controlled by water flow. Who is correct?
A. Technician A
B. Technician B
C. Both A and B
D. Neither A nor B

3. Any type of nozzle may be used with any eductor.
A. true
B. false

4. As a minimum, how often do most CAFS require the compressor lubricant to be changed?
A. every 3 months
B. every 6 months
C. every 9 months
D. every 12 months

5. Which of the following is the correct procedure to test the accuracy of a foam proportioning system?
A. volume test
B. by refractometer
C. by conductivity meter
D. all of the above

Answer Key
1. c 2. b 3. b 4. d 5. d