Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Intoxilyzer 400 EBT Exam**

I-400 Means Intoxilyzer 400 device

\_\_\_\_\_\_ 1. The I-400 uses the following alcohol detection technology:

 **a.** **Fuel cell**

 b. Gas chromatography

 c. Infrared

\_\_\_\_\_\_ 2. According the QAP, the allowable interval between calibration verification tests (accuracy checks) for the I-400 is:

 a. 10 days or 10 tests

 **b.** **30 days or 50 tests**

 c. 100 days or 100 tests

 d. Every 30 days

\_\_\_\_\_\_ 3. The I-400 should be removed from service if:

 a. The temperature is too hot

 b. Every 90 days

 **c. The I-400 does not pass the self-diagnostics tests**

 d. The temperature is too cold

\_\_\_\_\_\_ 4. The I-400 will give a reading for which substances on donor’s breath

 a. acetone

 b. yeast

 c. illegal drugs

 **d. alcohol**

\_\_\_\_\_\_ 5. Ensure the donor blows into:

 **a. The wide end of a new mouthpiece**

 b. The narrow end of a new mouthpiece

 c. Either end of a new mouthpiece

 d. Either end of a new or used mouthpiece

\_\_\_\_\_\_ 6. Pressing Button “C” on the I-400 keypad after a test mode is selected (and test mode holding steady) will

 **a. assign/show a test number.**

 b. perform a calibration.

1. Turn off the instrument
2. Advance the paper on the printer

\_\_\_\_\_\_ 7. To start a calibration/accuracy check during diagnostics, the operator must long- press

 which key:

 a. “A”

 b. “B”

 **c. “C”**

 d. Paper Feed

\_\_\_\_\_\_ 8. The mouthpiece (breath tube)

 a. may be re-used over and over

 b. should be cleaned with hand sanitizer prior to use

 c. should be opened by the donor

 **d. cannot be re-used, they must be disposed of after each use**

\_\_\_\_\_\_ 9. The document which specifies how frequently the I-400 must be checked for accuracy is the

1. **QAP**
2. CER Part 40
3. CPL
4. NIST

\_\_\_\_\_\_ 10. The alcohol gas tank

 a. will give the same reading at varying elevations

 b. can be used after the expiration date if the BAT has a new tank on order

 c. will read exactly the same as the donor’s positive breath sample

 **d. must not be expired when used for calibration verifications**

\_\_\_\_\_\_ 11. The I-400 serial number

 a. shows how many tests have been performed

 **b. is unique to each instrument**

 c. is created by the BAT

 d. none of the above

\_\_\_\_\_\_ 12. The I-400 must be calibrated

 a. every 30 days

 b. every 50 tests

 **c. If it fails an Accuracy check/ calibration verification**

 d. none of the above

\_\_\_\_\_\_ 13. The donor may blow a sample to be analyzed when

 a. the wait light is on

 **b. Sub is displayed**

 c. whenever they are ready

 d. anytime after the On button is pressed

\_\_\_\_\_\_ 14. Elevation will affect the alcohol value of

 **a. compressed alcohol gas standard**

 b. wet bath simulator

 c. donor’s breath sample

 d. all of the above

\_\_\_\_\_\_ 15. As elevation increases, the alcohol value of a compress gas alcohol standard

 a. Increases

 b. does not change

 **c. decreases**

\_\_\_\_\_\_ 16. When a calibration check is performed with a compressed alcohol gas tank of 0.040, which result is out of calibration?

 a. .045

 **b. .047**

 c. .039

 d. all of the above.

**True or False:**

\_\_T\_\_\_ 17. The fuel cell sensor needs time to clean up between positive tests.

\_\_F\_\_\_ 18. The operator can reprint the previous test by pressing the paper advance button (#4).

\_\_T\_\_\_ 19. When the donor is blowing a proper sample, the Flow light will come on.

\_\_\_F\_\_ 20. The BAT presses the “on/off” button to take a Manual sample.

\_\_\_F\_\_ 21. An initial test result of .019 will cause the I-400 to print “Confirmation Required.”

\_\_\_T\_\_ 22. A confirmation test is required if the screening test result is greater than or equal to .020.

\_\_T\_\_\_ 23. The handheld device may be disconnected from the printer and used to perform non-DOT testing or DOT Screening Tests.

\_\_\_F\_\_ 24. The donor should blow through the device when the message “BLOW” is displayed.

\_\_\_F\_\_ 25. An air blank demonstrates that the I-400 is in calibration.

\_\_\_F\_\_ 26. The I-400 does not allow the user to take Manual samples.

\_\_\_F\_\_ 27. It is not possible to re-print the last test result.

\_\_\_F\_\_ 28. The I-400 uses two 9-volt batteries for power.

\_\_\_T\_\_ 29. The I-400 should be removed from service if it fails a calibration check.

\_\_\_F\_\_ 30. The serial number on the back of the device may be changed by the BAT, if

 desired.