



Alcovisor-MARK V Proficiency Test

Student Name: _____ (Print Clearly)

Date: _____ **Company Name:** _____

- ___ 1. What type of methodology does the MARK V device use to detect alcohol?
- Gas Chromatography
 - Electrochemical Oxidation (Fuel Cell)
 - Infrared Spectrometry
 - Saliva analysis
- ___ 2. What conditions should a test site be free from?
- Tobacco smoke
 - Solvent vapors
 - Alcohol vapors
 - All of the above
- ___ 3. The mouthpiece for the MARK V device may be inserted:
- Only on the very top of the device
 - From either the front or back of the device
 - With a special tool only
 - Only from the front side of the device
- ___ 4. What type of power source does the MARK V hand-held device use?
- 9 Volt Alkaline Battery
 - 4 AAA Alkaline Batteries
 - Lithium battery pack
 - It must be plugged into a wall at all times while in use
- ___ 5. How do you turn on or off the MARK V device?
- Press and hold the Left (red) button
 - Press and hold the Right Function (green) button for 2-3 seconds
 - Press and hold both the Left Function Button and the Right Function button simultaneously
 - Insert a mouthpiece

- ___ 6. When you turn on the MARK V device, the display will:
- Run a self-diagnostics test
 - Do an automatic air blank check
 - Show the test record number and the message "Please Blow"
 - All of the above
- ___ 7. Another way to perform a Blank Air Check with the MARK V is to?
- Turn on the Mark V and highlight and confirm the Settings Icon
 - Turn on the MARK V and press the Red Function Button when the screen displays Please Blow
 - Turn on the MARK V and hold down both the Green & Red Function Buttons
 - Turn on the MARK V, after it performs its regular Blank Air Check and says Please Blow, highlight and confirm the Manual window
- ___ 8. What is the Red Function button on the MARK V used for?
- Turning on the MARK V
 - Turning off the MARK V
 - Taking a Manual Test
 - Scrolling through and highlighting items on the display
 - All of the above
- ___ 9. When a subject gives an Insufficient Sample the MARK V will:
- Turn off
 - Display "test refused" on the screen
 - Offer you a choice to "Discontinue" or "Test Again"
 - Display "Please Blow Again" on the screen
- ___ 10. If the subject does not blow into the MARK V within the allotted 30 seconds for a test, the display will read:
- Manual and Test Again
 - Please Blow and Manual
 - Refuse and Test Again
 - Refuse and Manual
 - None of the above
- ___ 11. If a subject is unable to provide a sufficient breath sample for the MARK V you should:
- Instruct the subject on how to properly blow and repeat the test
 - Instruct the subject on how to properly blow, and take a sample manually if you feel the subject is really trying to provide a sufficient sample
 - Either of the above

- ___ 12. How many test records can the MARK V store in its memory?
- 1,000
 - 20,000
 - 10,000
 - 5,000
- ___ 13. When a subject blows into the mouthpiece of the MARK V giving a proper breath sample the MARK V will?
- Take a sample automatically
 - Make an audible sound indicating the subject is blowing
 - Count down from 100% to 0
 - Provide a BrAC result
 - All of the above
- ___ 14. When calibrating the MARK V you must:
- Be properly trained for MARK V device calibration
 - Use an approved Gas Standard
 - Record the calibration and the accuracy check following it in the logbook
 - Flow the gas from the tank for at least 8 seconds through the device and press "Manual" (green button) while the gas is flowing
 - All of the above
- ___ 15. An Accuracy Check (External Calibration Check) on the MARK V DEVICE
- Should be performed at least once a month
 - Should be performed after a positive test
 - Must be in +/- 0.005% tolerance of the set gas standard
 - Must be recorded in the instrument's Calibration Log Book
 - All of the above
- ___ 16. The printout for the MARK V includes:
- The time and date
 - The test number
 - The instrument's serial number
 - The instrument's name
 - The Blank Air Check result
 - All of the above
- ___ 17. The Quality Assurance Plan is required by:
- The DOT Rules
 - The employee
 - NHTSA

- d. The subject being tested
- e. Both A and C above

___ 18. When printing a test result or test record with the MARK V you should?

- a. Use the Red Function button to highlight the printer icon
- b. Use the Green function button to confirm and print the test
- c. Have the printer cable attached to the MARK V and the printer
- d. Have the printer turned on
- e. All of the above

___ 19. The Dry Gas Standard is .080%. You are at or near sea level. When entering this in the MARK V as a calibration preset it would be programmed in as:

- a. 0.080mg/100ml
- b. .800mg/100ml
- c. 80.0mg/100ml
- d. 8.00mg/100ml

___ 20. The MARK V should be taken out of service if:

- a. The subject you are testing says he has not been drinking
- b. The subject cannot provide a sufficient breath sample
- c. The instrument has a Self-Diagnostic failure and indicates an error code
- d. The instrument is out of paper

True or False (T / F)

- 21. ___ The MARK V is calibrated at the factory prior to shipment.
- 22. ___ If the battery indicator shows a low battery you should change the battery immediately.
- 23. ___ The gas value in the tank is always the same, regardless of your current elevation.
- 24. ___ When you perform a Blank air check a tolerance of 0.005% is acceptable.
- 25. ___ You can set the MARK V to automatically print 3 copies of the printout.
- 26. ___ If a subject is blowing properly you can watch the MARK V count down from 100% to 0.
- 27. ___ The previous Test Results in the memory can be printed as many times as needed.
- 28. ___ You must enter a password to get into the Cal. Window in advanced settings.
- 29. ___ It is **not** necessary for the BAT to show the subject their test number or the air blank result prior to a confirmation test.
- 30. ___ You must perform an Accuracy Check after calibrating the Mark V device and record it in the accuracy check/calibration log book.