



**FuNCMeS - Finger Lakes, North Country, CNYEMS, Midstate,
Monroe Livingston, Susquehanna**

RED LIGHTS AND SIRENS QUIZ

Name: _____ Agency: _____

Region: _____ Date: _____

1. What group suffers the most occupational fatalities per year in transportation related incidents?
 - a. Police
 - b. general population
 - c. Firefighters
 - d. EMS
2. In the US, how many personal injury ambulance crashes are reported on an annual basis?
 - a. 6,500
 - b. 6,200
 - c. 6,150
 - d. 5,600
3. Seventy percent of all ambulance crashes occur while operating in an emergency mode.
 - a. True
 - b. False
4. This presentation suggests that the ambulance operator is sued approximately how often when involved in a fatal MVC?
 - a. 25%
 - b. 50%
 - c. 75%
 - d. 100%
5. Some examples of culture of safety regarding vehicle operations include: seat belt use, a driver selection & training program, properly secured equipment, helmets, black box technology, and a tiered dispatch. What other component should be an essential part of this program?
 - a. back ground check after driving for a year
 - b. complete set of driving policies
 - c. ear protectors
 - d. window punch

6. What part of the road do most accidents occur?
 - a. The curb side
 - b. The turning lane
 - c. The intersections
 - d. The median

7. According to this presentation, how often were rear occupant fatalities found unrestrained?
 - a. 18%
 - b. 76%
 - c. 24%
 - d. 82%

8. A mandatory driver training course is recommended as part of every agencies vehicle operations program . One nationally recognized and approved course offered is?
 - a. DEOC
 - b. EVOC
 - c. VECO
 - d. COEV

9. This presentation suggests that if your ambulance was traveling at 55 MPH, the driver of the average new car that has the radio and fan at average noise levels while sitting at an intersection not looking towards the ambulance will not hear your siren until you are what distance from them?
 - a. 140 ft
 - b. 320 ft
 - c. 260 ft
 - d. 450 ft

10. NYS DOH policy on the use of red lights & sirens defines a “true emergency” as?
 - a. limited to ALS response only
 - b. limited to any call where ABC’s are compromised
 - c. a high probability of death or life threatening illness or injury
 - d. limited to the patients perception of their condition

11. What percentage of ambulance crashes occur while in operating in an emergency mode?
 - a. 10%
 - b. 25%
 - c. 70%
 - d. 90%

12. Ambulance crashes cause a fatality at a rate of approximately
 - a. one per day
 - b. one per week
 - c. one per month
 - a. one per year

13. Which of the following should be secured before an ambulance moves?
- Monitor/Defibrillator
 - Oxygen tanks
 - 1st response bag
 - Personnel
 - All of the above
14. Which types of driver courses can be used for initial and continuing education?
- EVOC
 - CEVOC
 - Preceptor Program
 - All of the above
15. Which of the following causes the highest risk for accidents?
- Using lights and signs for Priority I calls
 - Stopping at intersections
 - Failing to stop at intersections
 - All of the above
16. What is a key strategy to reduce ambulance crashes?
- Driver education
 - Policy development and enforcement
 - Utilize technological applications
 - All of the above
17. Creating a “Culture of Safety” is a philosophy that must be embedded across entire organizations and includes:
- Recognition
 - Training
 - Incentive
 - All of the above
18. The Nova Scotia model plan has two key major focuses; firstly, advanced levels of emergency health care is provided at the scene of the emergency and during the transportation to the receiving facility. This emergency health services system is a patient focused system, rather than just rapid transportation. What is the second focus?
- Any driver involved in a fatal accident is immediately terminated
 - All ambulances are equipped with on-board driving computers (black box) that record all driving activities in the vehicles, as well as provide audible feedback to the vehicle driver advising them how well they are maintaining low force driving patterns.
 - All ambulance drivers must complete a two year professional driving program before they are authorized to operate the ambulance in an actual emergency
 - All of the above
19. The majority of crashes are related to risky policies and/or risky driving practices by EMS personnel.
- true
 - false

20. Younger drivers and _____ have been identified as the groups at highest risk for adverse vehicle operations events.
- those with previous driving offences
 - Females
 - Paramedics
 - middle aged
21. What is the leading cause of EMS line of duty deaths?
- heart attacks
 - assaults
 - contagious disease
 - motor vehicle crashes
22. It is estimated that nationwide ambulance crashes cost us all around _____ every year.
- \$250,000
 - \$1,000,0000
 - \$500,000,000
 - \$750,000
23. EMS has a higher rate of death in motor vehicle crashes than law enforcement officers and firefighters COMBINED.
- true
 - false
24. The North Country regional study identified that _____ ambulance responses used red lights and sirens to go to the scene.
- 8 out of every 10
 - 1 out of every 2
 - 12 out of every 20
 - 95%
25. On an average day in America, how many people suffer serious injury as a result of ambulance crashes?
- 1
 - 10
 - 25
 - 50