AED QUIZ

1. Defibrillation must be delivered ___________ in order to give the victim the best chances of survival.
   a. after CPR
   b. early
   c. late
   d. many times

2. When a shock is advised on the LIFEPAK 500 unit, you should ___________ .
   a. check the victim’s pulse/circulation and then shock
   b. immediately press the SHOCK button
   c. clear the victim then press the SHOCK button
   d. clear the victim then press the ANALYZE button

3. ___________ has priority over CPR.
   a. defibrillation
   b. advanced cardiac life support
   c. transport
   d. consultation with on-line medical control

4. Identify the four links in the Chain of Survival in the correct order.
   a. early access, early CPR, early defibrillation, early ACLS
   b. early access, early defibrillation, early ACLS, early CPR
   c. early defibrillation, early CPR, early EKGs, early ACLS
   d. early CPR, early treatment, early assessment, early transport

5. The heart muscle is stimulated to contract by electrical impulses generated in the ___________ .
   a. heart itself
   b. spinal cord
   c. cerebral cortex
   d. brain stem

6. ___________ is the most common initial dysrhythmia associated with cardiac arrest.
   a. normal sinus rhythm
   b. ventricular fibrillation
   c. asystole
   d. pulseless electrical activity
7. True or False? When the rhythm is ventricular fibrillation the heart will be more likely to start pumping again if the shock is delivered in the first 5 minutes.
   a. true
   b. false

8. ________________ carry electrical impulses to the cardiac muscle tissues.
   a. conductive fibers
   b. electrocardiograms
   c. pacemakers
   d. muscle tissues

9. ________________ generate electrical impulses in the heart and cause it to contract and pump blood.
   a. muscle tremors
   b. electrocardiograms
   c. pacemakers
   d. artifacts

10. A(n) ________________ is a graphical record of the electrical impulses generated in the heart.
    a. muscle tremor
    b. electrocardiogram (ECG)
    c. dysrhythmia
    d. artifact

11. An AED should be attached only to someone who is unconscious ________________ .
    a. short of breath and coughing
    b. breathless and hypothermic
    c. breathless and pulseless or without other signs of circulation

12. Ventricular fibrillation is often the result of a disease process associated with ________________ .
    a. alcoholism
    b. epilepsy
    c. cancer
    d. coronary heart disease
13. ________________ is fatal if left untreated.
   a. an abnormal heart rhythm
   b. normal sinus rhythm
   c. an electrolyte imbalance
   d. ventricular fibrillation

14. The defibrillation technician’s priority is ________________ .
   a. suctioning the victim’s airway
   b. beginning CPR
   c. providing oxygen to the victim
   d. delivering electrical shocks

15. Always ________________ immediately after shocking, except after every third shock.
   a. check breathing
   b. analyze
   c. provide oxygen
   d. shock again

16. After delivering three stacked shocks you should check for pulse/circulation, and if no pulse/circulation ________________ .
   a. shock
   b. analyze
   c. provide oxygen
   d. start CPR

17. Whenever NO SHOCK ADVISED appears you should ________________, and if no pulse/circulation perform CPR.
   a. shock
   b. analyze
   c. check for pulse/circulation
   d. check the airway

18. True or False? The LIFEPAK 500 AED monitors the ECG—even when it is not analyzing.
   a. True
   b. False
19. The MOTION DETECTED – STOP MOTION message indicates that you should _______________.
   a. shake the victim
   b. stop analyzing immediately
   c. stop all victim movement
   d. stop defibrillation procedures

20. What should you do when a medication patch interferes with electrode placement?
   a. place the electrode on the opposite side of the patch
   b. place the electrode over the patch
   c. do not attempt defibrillation
   d. remove the patch, wipe the skin and then place the pad

21. If the battery symbol is visible, the battery is _______________.
   a. low
   b. new
   c. malfunctioning
   d. capable of delivering 60 more shocks

22. When the device is on and the battery symbol flashes and the REPLACE BATTERY voice prompt and message occur, the battery _______________.
   a. is capable of delivering 20 more shocks
   b. is very low and must be replaced immediately
   c. should be replaced within one month
   d. can be recharged by turning the device off, then on again

23. When the device is on and the service indicator (wrench) flashes and the CALL SERVICE message is displayed _______________.
   a. the device can be used until the next scheduled service check
   b. immediately connect the defibrillation electrodes
   c. turn the AED off, then on again. If the CALL SERVICE message is displayed, you will not be able to use the AED
   d. immediately change the battery

24. If the service indicator (wrench) is visible, you _______________.
   a. may not use the AED
   b. should immediately change the battery
   c. should connect the defibrillation cable to the AED
   d. can still use the AED for victim therapy, but notify authorized service personnel as soon as possible
Answers to LIFEPAK 500 AED Quiz

1. b
2. c
3. a
4. a
5. a
6. b
7. a
8. a
9. c
10. b
11. c
12. d
13. d
14. d
15. b
16. d
17. c
18. a
19. c
20. d
21. a
22. b
23. c
24. d