

### Defibrillators Test

1. What is a normal sinus rhythm?

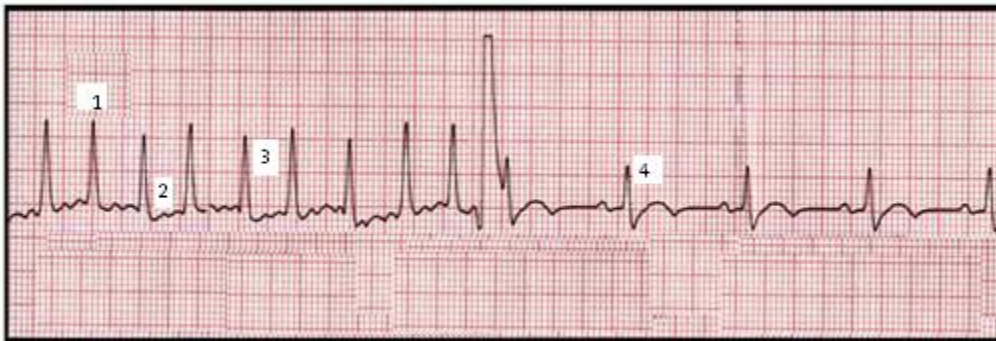
- a. 30 beats per minute
- b. 60 beats per minute
- c. 90 beats per minute
- d. 120 beats per minute

What is Cardioversion ?

- a. Restoring tachycardia back to a normal sinus rhythm
- b. Restoring ventricular fibrillation back to a normal sinus rhythm
- c. Restoring bradycardia back to a normal sinus rhythm
- d. Restoring heart failure back to a normal sinus rhythm

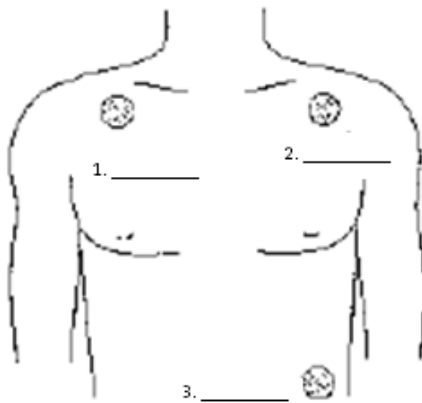
3. When does cardioversion happen? Choose the correct number.

See illustration



- a. 3
- b. 2
- c. 1
- d. 4

4. When does cardioversion happen? Choose the correct number.  
See illustration



- a. 1. RA; 2. LL; 3. LL
  - b. 1. LA; 2. RA; 3. LL
  - c. 1. LL; 2. LA; 3. LL
  - d. 1. RA; 2. LA; 3. LL
5. When should you NOT place an electrode or pad on a patient?
- a. When his/her chest is not sweaty
  - b. When the hairy chest is shaven
  - c. When pads are expired
  - d. When the chest is cleaned or un-oiled
6. A typical LP 10 frequency components of a QRS complex range?
- a. 2 to 8 MHz
  - b. 10 to 20 Hz
  - c. 10 to 20 MHz
  - d. 2 to 8 Hz
7. What is NOT considered routine testing?
- a. ECG output
  - b. Cardioversion
  - c. Battery testing
  - d. AC Plug/Receptacle
8. SCENARIO: A nurse calls you on the phone. She/He tells you that the defibrillator is not working and burned the patient's chest. What is most likely NOT the cause of this problem?

- a. Uncalibrated instrument
- b. Pitted paddles
- c. User error
- d. Medication patches with aluminum backings

9. SCENARIO: A nurse calls you on the phone. She/He tells you that the defibrillator is not working...there is no ECG signal. What is most likely NOT the cause and resolution of this problem?

- a. Bad ECG cable. User needs to replace item
- b. Bad ECG cable. Biomed needs to replace item
- c. Bent ECG pins
- d. Loose connection.

10. A nurse calls you on the phone. She/He tells you that the defibrillator is not working...there is no printing capability? What is most likely NOT the cause and resolution of this problem?

- a. Bad battery. User needs to replace item
- b. Improper loading of paper by user
- c. Bad battery. Biomed needs to replace item
- d. All of the above

11. During routine calibration you notice the charge time to 360 joules exceeds 12 seconds. What is most likely the cause of this problem?

- a. Low battery
- b. Needs re-calibration
- c. Defective resistor
- d. Bad therapy cable

12. After a battery has been recycled and its capacity is less than 80%. What should you do?

- a. Return the device back into service
- b. Discard battery into trashcan
- c. Recycle according to national and local procedures
- d. Send to manufacturer for repairs