American Red Cross Administering Emergency Oxygen Course Final Written Exam

Exam A

IMPORTANT: Read all instructions before beginning the exam.

INSTRUCTIONS: Do not write on this exam. Mark all answers in pencil on the separate answer sheet as directed by your instructor. Read each question carefully. Then choose the best answer and completely fill in that circle on the answer sheet. If you wish to change an answer, erase your first answer entirely. Return this exam with your answer sheet to your instructor when you are finished.

EXAMPLE

ANSWER SHEET

xx. a b c  •

xx. Why does the American Red Cross teach this course?
   a. To help people recognize and respond appropriately in an emergency
   b. To help people make appropriate decisions when they see an emergency
   c. To enable people to provide immediate care to a suddenly injured or ill person until more advanced medical care takes over
   d. All of the above

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1. When giving ventilations to a victim, the oxygen concentration that you exhale into the victim contains approximately what percentage of oxygen?
   a. 16
   b. 21
   c. 32
   d. 44

2. You determine that a victim needs emergency oxygen because he is exhibiting signs and symptoms of hypoxia. Which of the following is most likely present?
   a. Cough
   b. Fatigue
   c. Increased heart rate
   d. Nausea
3. You should administer emergency oxygen to an adult victim with which of the following breathing rates?
   a. 12 breaths per minute
   b. 16 breaths per minute
   c. 20 breaths per minute
   d. 24 breaths per minute

4. When placing a resuscitation mask on a victim, position the rim of the mask between which of the following?
   a. Nose and upper lip
   b. Lower lip and chin
   c. Bridge and tip of the nose
   d. Cheek and mouth

5. Which method is most appropriate to determine that ventilations given with a bag-valve-mask resuscitator (BVM) are effective?
   a. Listening for air to escape through the victim’s mouth
   b. Noting air being exhaled through the victim’s nose
   c. Observing the victim’s chest rising clearly
   d. Watching for movement of the victim’s body

6. You and another rescuer are using a BVM. You position and seal the mask. Which action is next?
   a. Giving one ventilation
   b. Opening the airway
   c. Reassessing breathing
   d. Squeezing the bag slowly

7. A victim is receiving emergency oxygen via nasal cannula. Which flow rate is most appropriate to use with this device?
   a. 4 liters per minute (LPM)
   b. 8 LPM
   c. 12 LPM
   d. 14 LPM

8. A victim is receiving emergency oxygen that is attached to a BVM. The minimum appropriate flow rate is:
   a. 10 LPM.
   b. 12 LPM.
   c. 15 LPM.
   d. 20 LPM.
9. Which oxygen delivery device delivers the highest oxygen concentration to a victim?
   a. BVM
   b. Nasal cannula
   c. Non-rebreather mask
   d. Resuscitation mask

10. When administering emergency oxygen to a victim, which of the following is most important to do?
    a. Apply a general-purpose petroleum product to help lubricate the regulator.
    b. Ensure oxygen is flowing through the device before putting it on the victim.
    c. Ensure that the oxygen cylinder is standing upright, free from any securing devices.
    d. Hold on to the valve on the oxygen cylinder when dragging or rolling it.

11. When administering emergency oxygen to a victim, which of the following is used to set the liters per minute?
    a. Flowmeter
    b. O-ring gasket
    c. Oxygen regulator
    d. Pressure gauge

12. You are administering emergency oxygen to a victim and you need to verify that the oxygen is flowing. Which of the following should you do?
    a. Feel for air coming out of the victim’s mouth.
    b. Listen for a hissing sound coming from the device.
    c. Look for bubbles in the oxygen tubing.
    d. Watch for steam coming out of the delivery device.

13. Which of the following is least likely to interfere with the accuracy of a pulse oximeter reading?
    a. Poor perfusion
    b. Victim is lying still
    c. Hypothermia
    d. Edema

14. The pressure gauge on an oxygen cylinder reads 200 pounds per square inch (psi). Which action is most appropriate?
    a. Attaching the flowmeter
    b. Changing the O-ring gasket
    c. Lubricating the connection sites
    d. Replacing the cylinder with a new one
15. Which pulse oximeter reading indicates possible hypoxia?
   a. 92 percent $\text{SpO}_2$
   b. 95 percent $\text{SpO}_2$
   c. 98 percent $\text{SpO}_2$
   d. 100 percent $\text{SpO}_2$
ANSWER SHEET: American Red Cross Administering Emergency Oxygen Final Written Exam

Name: ____________________________  Date: __________________________

Directions
Beside the number of each question, fill in with a pencil the circle containing the letter for your answer. Return the exam and answer sheet to your instructor when you are finished.

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