EMT #: _________________

How many years have you been an EMT? (please circle only one)
0-1 years  2-3 years  4-6 years  7-10 years  > 10 years

What EMS Agency are you primarily affiliated with?  ________________________________________
What EMS County are you primarily affiliated with? ____________________________________________________________

Email address: _______________________________________________________

Content Knowledge (please circle the correct answer)

1.) What is anaphylaxis?
   A. The same thing as an allergic reaction
   B. An acute, life threatening allergic reaction, that occurs within seconds, to an antigen which the body has become hypersensitive
   C. A condition in which the immune system reacts abnormally to a foreign substance
   D. Hypersensitivity of the immune system to something in the environment that normally causes little problem

2.) Administration of _________________ is the lifesaving treatment of anaphylaxis?
   A. Benadryl
   B. Epinephrine
   C. Steroids
   D. Albuterol

3.) Which patient would receive an adult dose of epinephrine in the case of anaphylaxis?
   A. A patient that weighs 53lbs or 24kg
   B. A patient that weighs 57lbs or 26kg
   C. A patient that weighs 62lbs or 28kg
   D. A patient that weighs 77lbs or 35kg
4.) Where is the best place to administer epinephrine in the presence of anaphylaxis?
   A. Arm
   B. Thigh
   C. Buttocks
   D. Veins

5.) How long after administering epinephrine should you expect for the signs and symptoms of anaphylaxis to improve?
   A. Immediately
   B. 60 seconds
   C. 3-5 minutes
   D. 10 minutes

6.) What dose of epinephrine would you give to a 12 year old patient who weighs 81lbs or 35kg and is exhibiting symptoms of anaphylaxis?
   A. 0.15 mg IM
   B. 1.5 mg IM
   C. 0.3 mg IM
   D. 3.0 mg IM

7.) Which of the following is a contraindication for giving epinephrine in the presence of anaphylaxis?
   A. Patient over the age of 50
   B. Pregnancy
   C. Patients with chest pain
   D. There are NO contraindications

8.) Which of the following are NOT expected side effects of epinephrine?
   A. Anxiety and palpitations
   B. Trembling or shaking of the hands or feet
   C. Headache and hypertension
   D. Increased wheezing

9.) Which of the following is a sign/symptom of an allergic reaction but does not indicate anaphylaxis:
   A. Trouble breathing
   B. Red, swollen and itchy skin at the site of a bee sting
   C. Hypotension
   D. Confusion
10.) A 10 year old patient who weighs 88lbs or 40kg is stung by a bee. Which of the following would be an indication that epinephrine should be given?
   A. Swollen lips
   B. Hives on her stomach
   C. A blood pressure of 85/58
   D. Severe pain at the site of the sting

11.) When epinephrine is administered for an allergic reaction, which of the following is an INTENDED effect:
   A. Increase size of respiratory passages
   B. Reduce vomiting
   C. Increase heart rate
   D. Cause sweating

12.) Which of the following MUST be reassessed every five minutes after epinephrine is administered:
   A. Pain
   B. Anxiety level
   C. Capillary refill
   D. Work of breathing