

## NR 507 Week 4 Midterm:

### Questions with Answers

1. A 10 year old male is stung by a bee while playing in the yard. He experiences a severe allergic reaction and has to go to the ER. The nurse providing care realizes this reaction is the result of:

**IgE**

- a. Chronic bronchitis is characterized by:

**1. Right ventricular hypertrophy**

- b. A 6 year old female is diagnosed with a bacterial infection of the respiratory system. Which of the following will most likely try to fight the antigen?

**1. Antibodies**

- a. A 52 year old male is diagnosed with urinary tract obstruction. While designing the treatment plan, the nurse realizes that the patient is expected to have hydronephrosis and a decreased glomerular filtration rate caused by:

**2. Dilation of the renal pelvis and calyces proximal to a blockage**

- a. Which hormone is synthesized and secreted by the kidneys to stimulate bone marrow production of red blood cells?

**3. Erythropoietin**

- a. A 4 year old male is diagnosed with nephrotic syndrome. Which of the following assessment findings accompanies this condition?

**4. Proteinuria**

- a. During which stage of human development does the role of epigenetics have the greatest impact on the development of epigenetic abnormalities?

**5. In utero**

- a. Under most circumstances, increased work of breathing results in: