

ALU 201 Sample Questions

1. The definitive test to confirm a diagnosis of chronic hepatitis is:
 1. ultrasound
 2. liver biopsy
 3. computed tomography (CT)
 4. magnetic resonance imaging (MRI)

2. The most important prognostic factor for invasive breast cancer mortality is:
 1. distant metastasis
 2. degree of local control
 3. age at diagnosis
 4. tumor size

3. Change in prostate specific antigen (PSA) levels over time is:
 1. PSA velocity
 2. free PSA
 3. PSA density
 4. percent free PSA

4. Common cause of hypothyroidism is:
 1. thyroid storm
 2. myxedema coma
 3. Grave's disease
 4. Hashimoto's thyroiditis

5. The most common cause of death associated with rheumatoid arthritis is:
 1. renal disease
 2. suicide
 3. infection
 4. cardiovascular disease

6. A diagnosis of Crohn's disease increases an individual's risk for all of the following EXCEPT:
 1. pericarditis
 2. cancer
 3. stricture
 4. bleeding

7. All of the following statements regarding polycystic kidney disease are correct EXCEPT:

1. Multiple cysts are present in each kidney.
2. End-stage renal disease seldom develops.
3. Hypertension is often present.
4. Cysts can also occur in the liver.

8. All of the following are characteristics of an innocent heart murmur EXCEPT:

1. location is left sternal border
2. grade IV in an adult
3. absent when sitting
4. no audible clicks

9. Nonsteroidal anti-inflammatory drugs (NSAIDs) are typically used to treat all of the following EXCEPT:

1. fever
2. dyspepsia
3. inflammation
4. pain

10. All of the following statements regarding chronic obstructive pulmonary disease (COPD) are correct EXCEPT:

1. Diminished breath sounds are commonly found upon examination.
2. Chest x-rays provide an accurate assessment of early stage disease.
3. Cigarette smoking is a frequent cause.
4. Progression can be assessed by reviewing serial pulmonary function tests.

11. Which of the following statements regarding abdominal aortic aneurysms is/are correct?

- A. They usually present before age 50.
- B. Risk of rupture is related to their size.
- C. Surgical repair may be indicated if enlarging rapidly.

- Answer Options:
1. B only is correct.
 2. A and C only are correct.
 3. B and C only are correct.
 4. A, B, and C are correct.

12. In coronary artery disease (CAD) prognostic factors include which of the following?

- A. Extent of coronary obstruction
- B. Left ventricular function
- C. The presence of ischemia

- Answer Options:
- 1. A only is correct.
 - 2. B only is correct.
 - 3. A and C only are correct.
 - 4. A, B, and C are correct.

13. Inflammation of veins in the leg is:

- 1. aneurysm
- 2. phlebitis
- 3. arteriosclerosis
- 4. hemorrhoid

14. Which of the following statements regarding the effects of aging on the integumentary system is/are correct?

- A. Sweat glands become more active.
- B. Skin layers become more fragile.
- C. Collagen fibers deteriorate.

- Answer Options:
- 1. A only is correct.
 - 2. B only is correct.
 - 3. A and C only are correct.
 - 4. B and C only are correct.

Use the following information to answer questions 15 and 16:

A 55-year-old male had an elevated ALT and increased iron levels on blood testing. His symptoms included lethargy and joint pain. His physician detected hepatomegaly on examination. A family history questionnaire noted that his father died of diabetes and his brother died of liver cirrhosis. A diagnosis of probable hemochromatosis was made.

15. Given the clinical features, which of the following tests could help determine the diagnosis?

- A. serum ferritin
- B. specific genetic testing
- C. liver biopsy

Answer Options:

- 1. B only is correct.
- 2. C only is correct.
- 3. A and B only are correct.
- 4. A, B and C are correct.

16. The most common probable treatment will be:

- 1. phlebotomy
- 2. bone marrow transplant
- 3. blood transfusion
- 4. liver transplant

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