

## ALU 301 Sample Questions

1. The most common extra-intestinal manifestation of inflammatory bowel disease is:
  1. uveitis
  2. fatty liver
  3. arthritis
  4. pyoderma gangrenosum
  
2. Cardiomyopathy characterized by progressive endomyocardial fibrosis is:
  1. dilated
  2. restrictive
  3. hypertrophic
  4. arrhythmogenic right ventricular
  
3. An EKG pattern with an irregular rhythm with the absence of P waves is:
  1. sinus tachycardia
  2. atrial fibrillation
  3. 1° AV block
  4. right bundle branch block (RBBB)
  
4. A hole between the right and left ventricles is a/an:
  1. atrial septal defect
  2. ventricular aneurysm
  3. coarctation of the aorta
  4. ventricular septal defect
  
5. A polyclonal gammopathy pattern on serum protein electrophoresis (SPEP) can indicate all of the following EXCEPT:
  1. multiple myeloma
  2. infectious mononucleosis
  3. chronic hepatitis
  4. connective tissue disease
  
6. All of the following statements regarding fungi are correct EXCEPT:
  1. Most require organic nutrients to live.
  2. They can enter the body through the skin.
  3. Most fungal species are infectious to humans.
  4. Treatment of infections usually lasts weeks to months.

7. All of the following statements regarding frailty in the elderly are correct EXCEPT:

1. The associated mortality risk is predictable.
2. Its prevalence rises steeply with age.
3. There is an increased risk of hospitalization.
4. It results from a lack of reserve in key functional areas.

8. All of the following statements regarding Wilms' tumor are correct EXCEPT:

1. It arises from the kidney.
2. It tends to be bilateral.
3. Its diagnosis is usually prompted by symptoms.
4. It is associated with an increased risk of secondary cancers.

9. All of the following statements regarding Parkinson's disease are correct EXCEPT:

1. It is a chronic, progressive disorder.
2. It is characterized by tremor at rest.
3. It cannot be treated surgically.
4. It is caused by a deficiency of dopamine.

10. A transesophageal echocardiogram (TEE) can be used to evaluate which of the following conditions?

- A. atrial septal defect
- B. sick sinus syndrome
- C. endocarditis

- 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.

11. Which of the following statements regarding leukemia is/are correct?

- A. It is a malignant proliferation of white blood cells.
- B. All types can be treated with chemotherapy.
- C. Chronic forms are considered curable.

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

12. A company's liquidity ratio measures which of the following?

- A. Long term solvency
- B. Ability to cover short term debt
- C. Ability to generate income

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

13. All of the following statements regarding antibiotics are correct EXCEPT:

- 1. Bacteria may become resistant to them.
- 2. They are ineffective against colds.
- 3. Some have harmful side effects.
- 4. They do not affect DNA synthesis.

**Use the following information to answer questions 14 and 15:**

A 26 year-old female presents to her physician complaining of abdominal pain and unrelenting diarrhea. The colonoscopy shows skip lesions and the biopsy reveals noncaseating granulomas. Her physician prescribes a short-term dosage of oral corticosteroids and a 5-aminosalicylate.

14. Her most likely diagnosis is:

- 1. infectious diarrhea
- 2. ulcerative colitis
- 3. Crohn's disease
- 4. celiac sprue

15. Based on her treatment regimen, which of the following statements is/are correct?

- A. She has at least moderate disease.
- B. She is being treated for an acute episode.
- C. She is at high risk for hepatotoxicity.

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

<b>ALU 301 Sample Questions Answer Key</b>			
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