Assignment 4

Due on SUN 03/30, 03/30 00 TST

1. Which is the following treatment(s) for asthma that decreases systemic side effects? (Select all that apply.)
   a. inhaled corticosteroids
   b. oral corticosteroids
   c. antihistamines
   d. bronchodilators
   e. leukotriene modifiers

2. Which of the following is a potential risk of oral corticosteroids? (Select all that apply.)
   a. hyperglycemia
   b. osteoporosis
   c. weight gain
   d. acne
   e. mood swings

3. A female patient presents with chronic otitis media. She has been treated with multiple courses of antibiotics without improvement. What other potential causes of chronic otitis media should be considered? (Select all that apply.)
   a. Mycoplasma pneumoniae
   b. Chlamydia pneumoniae
   c. Staphylococcus aureus
   d. Aspergillus fumigatus
   e. Streptococcus pyogenes

4. A 32-year-old male presents with dysuria and frequency. On examination, he has a tender prostate. What is the most likely cause of his symptoms? (Select all that apply.)
   a. Prostatitis
   b. Urethral stricture
   c. Bladder cancer
   d. Urethral diverticulum
   e. Renal stones

5. A 50-year-old female presents with a cough and shortness of breath. She has a history of smoking. A chest X-ray shows infiltrates. What is the most likely diagnosis? (Select all that apply.)
   a. Pneumonia
   b. Pulmonary embolism
   c. Asthma
   d. Interstitial lung disease
   e. Lung cancer

6. A 65-year-old male presents with a sudden onset of dysphonia. He has a history of smoking. On examination, he has hoarseness and a reduced voice range. What is the most likely cause of his symptoms? (Select all that apply.)
   a. Laryngitis
   b. Vocal cord paralysis
   c. Vocal cord nodules
   d. Vocal cord polyps
   e. AIDS-related laryngitis

7. A 40-year-old female presents with anuria. She has a history of diabetes mellitus. On examination, she has a dry mouth and oral thrush. What is the most likely cause of her symptoms? (Select all that apply.)
   a. Diabetes insipidus
   b. Diabetes mellitus
   c. Polyorchidism
   d. Thalassemia major
   e. Fracture

8. A 25-year-old male presents with a severe acute abdominal pain. He has a history of alcohol abuse. On examination, he has guarding and rebound tenderness. What is the most likely diagnosis? (Select all that apply.)
   a. Acute cholecystitis
   b. Acute appendicitis
   c. Acute pancreatitis
   d. Acute mesenteric ischemia
   e. Intestinal obstruction

9. A 70-year-old female presents with a sudden onset of dyspnea. She has a history of COPD. On examination, she has tachypnea and crackles. What is the most likely cause of her symptoms? (Select all that apply.)
   a. Acute bronchitis
   b. Acute exacerbation of chronic bronchitis
   c. Pulmonary edema
   d. Pulmonary embolism
   e. Asthma attack

10. A 35-year-old male presents with a sudden onset of fever and chills. He has a history of HIV infection. On examination, he has a constitutional illness and night sweats. What is the most likely diagnosis? (Select all that apply.)
    a. Tuberculosis
    b. Malaria
    c. HIV-related pneumonia
    d. Histoplasmosis
    e. Cytomegalovirus infection

11. A 45-year-old female presents with a sudden onset of severe headache. She has a history of migraines. On examination, she has photophobia and a positive Brudzinski sign. What is the most likely cause of her symptoms? (Select all that apply.)
    a. Malignant hypertension
    b. Subarachnoid hemorrhage
    c. Tension headache
    d. Migraine headache
    e. Brain metastasis

12. A 60-year-old male presents with a sudden onset of confusion. He has a history of Alzheimer's disease. On examination, he has a disorganized speech and labile mood. What is the most likely diagnosis? (Select all that apply.)
    a. Normal pressure hydrocephalus
    b. Cerebrovascular accident
    c. Dementia due to Alzheimer's disease
    d. Dementia due to Parkinson's disease
    e. Dementia due to HIV infection