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REPUBLIC OF YEMEN

Pharmacist Pen Team



الجمهورية اليمنية

فريق قلم صيدلي

صياغة النشاط الأول

في الامتحان الشهري

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إعداد وتجميع فريق قلم صيدلي

I: Choose one best answer for the following questions:

- 1. What potential adverse event requires caution if using dextran in hemorrhagic hypovolemic shock?**
 - a) Hemolytic reaction
 - b) Risk of infection from contamination
 - c) Drug-induced pancreatitis
 - d) Inhibition of the coagulation cascade
- 2. Which one of the following GERD symptom is considered complicated and requires further diagnostic evaluation?**
 - a) Heartburn
 - b) Regurgitation
 - c) Chronic cough
 - d) Difficulty swallowing
- 3. Which of the following PPI regimens is/are preferred as initial treatment in a 60-year-old patient with erosive esophagitis?**
 - a) Lansoprazole 30 mg once daily × 3 weeks
 - b) Pantoprazole 40 mg twice daily × 24 weeks
 - c) Esomeprazole 20 mg once daily × 8 weeks
- 4. Which one of the following medications may worsen the symptoms of GERD by decreasing lower esophageal sphincter pressure?**
 - a) Nifedipine
 - b) Alendronate
 - c) Naproxen
 - d) Quinidine
- 5. Which of the following risk factors would not be a justification for using a PPI in a patient on Clopidogrel?**
 - a) Prior history of upper GI bleed
 - b) Advanced age
 - c) Dual antiplatelet therapy
 - d) Erosive esophagitis
- 6. A 65-years old woman presents to the hospital with new onset epigastric pain, recent 10-pound (4.5kg) weight loss, and anemia. What diagnostic test should this patient undergo?**
 - a) Urea breath test
 - b) Stool antigen testing for H. pylori
 - c) Esophagogastroduodenoscopy (EGD)

d) H. pylori serology testing

7. A prophylactic medication regimen to prevent NSAID-induced ulcers would not be recommended in?

- a) A 65-year-old patient on long-term NSAID therapy for osteoarthritis
- b) A 60-year-old patient on aspirin therapy for cardio protection
- c) A 72-year-old patient with history of GI bleeding on NSAID therapy for osteoarthritis
- d) A 30-year-old patient who takes NSAID for occasional tension headaches

8. A preferred first-line option for treating a newly diagnosed patient with H. pylori infection and a penicillin allergy is?

- a) A triple-drug regimen consisting of a proton pump inhibitor (PPI), clarithromycin and tetracycline
- b) A triple-drug regimen consisting of a PPI, levofloxacin, and tetracycline
- c) A quadruple-drug regimen with bismuth subsalicylate, metronidazole, tetracycline, and a PPI
- d) Dual therapy consisting of a PPI and metronidazole

9. Which one of the following should be considered when evaluating a patient who has failed H. pylori eradication therapy?

- a) Patient adherence
- b) Preexisting antimicrobial resistance
- c) Potential reinfection
- d) All of the above

10. Which of the following tests can be used to confirm eradication of H. pylori?

- a) Urea breath test
- b) Stool antigen assay
- c) EGD with biopsies
- d) Serologic testing

11. Which mesalamine formulation would be most appropriate for a patient with active ulcerative colitis (UC) who has extensive disease?

- a) Delayed-release tablet
- b) Delayed-release capsule
- c) Enema
- d) Suppository

12. Prior to initiating therapy with azathioprine, patients should be evaluated for activity of which enzyme?

- a) Thiopurine methyltransferase
- b) Azathioprine dehydrogenase

- c) Dihydrofolate reductase
- d) Alanine aminotransferase

13. Loperamide should be avoided in patients with active UC due to its ability to induce which one of the following complications?

- a) Toxic megacolon
- b) Intestinal stricture
- c) Fistula formation
- d) Pancreatitis

14. Which one of the following medications would be contraindicated in a pregnant patient with CD?

- a) Sulfasalazine
- b) Budesonide
- c) Infliximab
- d) Methotrexate

15. Combining infliximab and azathioprine may increase a patient's risk for developing?

- a) Lymphoma
- b) Hepatitis
- c) Heart failure
- d) Encephalopathy

16. Which condition is considered a contraindication to infliximab therapy?

- a) Diabetes
- b) Hypothyroidism
- c) Dyslipidemia
- d) Advanced heart failure

17. A 27-year-old Asian woman is due to give birth to a baby boy in 1 month. Prior to becoming pregnant, she drank alcohol occasionally and did not smoke. She never used IV drugs or had a blood transfusion. The HBsAg test is negative. Which vaccination regimen should be recommended for her newborn baby?

- a) Hepatitis A vaccine at birth
- b) Hepatitis A and B vaccine at 6 months
- c) Immune globulin within 24 hours of birth
- d) None of the above

18. ACEIs are used in?

- a) Hyperkalemia
- b) Diabetic nephropathy

19. A 56-year-old man recently diagnosed with RA has a medical history significant for chronic renal insufficiency, hepatitis, and diabetes. Which one of the following DMARDs should be considered at this time?

- a) B. Azathioprine
- b) Methotrexate
- c) Sulfasalazine
- d) Hydroxychloroquine

20. Which one of the following used in monitoring / diagnosis of CKD?

- a) Cockcroft–Gault equation
- b) Child – Pugh
- c) Prothrombin time

21. Which one of the following is true about Hepatitis A vaccine?

- a) To activate vaccine are available in USA
- b) The recommended dosage regimen is to administer two injection 6 month apart (at month 0 and 6)
- c) A and B
- d) None of the above

22. Which one of the following is true about Hepatitis B immune globulin?

- a) A single dose of HBIG 0.06 ml/kg is effective in provide passive immunization
- b) HBIG should be administrated IM only
- c) A and B
- d) None of the above

23. is monitored when used LMWH?

- a) PT
- b) INR
- c) ESR
- d) C-protein

24. After initiating warfarin therapy INR should be monitor in target?

- a) 1-2
- b) 2-3
- c) 3-4
- d) < 2

25. The smallest quantity of Calcium intake for 65 years old women?

- a) 600mg / day
- b) 700mg / day
- c) 1000mg/day

d) 1200mg/day

26. Which one of the following is true about Rheumatoid arthritis?

- a) Reduce a patient's average life expectancy and cause death alone
- b) Evaluated ESR greater than 0.7mg/dL
- c) The stress may influence RA onset and disease activity
- d) Has 10 score of criteria

27. The drug of choice for DMARD in Rheumatoid arthritis?

- a) Azathioprine
- b) Anakinra
- c) Methotrexate
- d) Prednisone

28. Use as low dose to decrease RA?

- a) NSAID
- b) Sulfasalazine
- c) Glucocorticoid

29. Which laboratory finding is not often seen in patient with RA?

- a) Thrombocytosis
- b) Normocytic normochromic anemia
- c) C-reactive protein level < 0.5pg/ml
- d) Positive anti- citrullinated protein antibody (ACPA)

30. The dose of alendronate in osteoporosis treatment?

- a) 5 mg once daily
- b) 10 mg once daily
- c) 35 mg once daily
- d) 70 mg once daily

31. The frequent dosage of Vit D in osteoporosis treatment?

- a) 400IU
- b) 500-600IU
- c) 800-1000IU
- d) 12000-5000IU

32. All of the following are complications of cirrhosis except?

- a) Ascites
- b) Congestive heart failure
- c) Portal hypertension
- d) Spontaneous bacterial peritonitis

33. The first initial therapy for acute variceal bleeding approved in USA is?

- a) Propranolol
- b) Octreotide**
- c) Nitrate
- d) Ceftriaxone

34. The initial dose of diuretics that uses in ascites?

- a) Furosemide 40mg once daily
- b) Furosemide 100mg once daily
- c) Spironolactone 40mg daily
- d) Spironolactone 100mg and Furosemide 40mg daily**

35. Which of the following is used for primary prevention of variceal bleeding?

- a) Atenolol 60 mg twice
- b) Isosorbide mononitrate
- c) Nadolol 40 mg daily**
- d) Propranolol 40 mg daily

36. Which of the following is not a rational use in primary prevention of variceal bleeding in patient with moderate size varices and, no previous bleeding?

- a) Endoscopic ligand therapy
- b) Beta blocking agent therapy
- c) A combination of Endoscopic ligand therapy and Beta blocking agent therapy
- d) Combination of beta blocking agent with nitrate**

37. Initial treatment of ascites to secondary portal hypertension?

- a) β -blocker; Nitrate; diuretics
- b) Eliminate alcohol; sodium restricted; diuretics**
- c) β -blocker; diuretic; antibiotic
- d) Nitrate; diuretic; β -blocker

38. Which one of the following statements is correct regarding spontaneous bacterial peritonitis (SBP) as a complication of cirrhosis?

- a) Do not prescribe antibiotics if the paracentesis gram stain is negative
- b) Always use a broad-spectrum antibiotic for suspected SBP because it is usually polymicrobial
- c) SBP is usually monomicrobial, so a narrow spectrum antibiotic should be used empirically
- d) Patients with prior SBP should be assessed for long-term antibiotic prophylaxis**

39. The best drugs for patient with HTN and diabetes mellitus

- a) Thiazide

- b) Nitrate
- c) ACEI
- d) BB

40. Which one of the following is true about ACEIs?

- a) Reductions in GFR are not usually indications to discontinue use of the ACE-I; however, continued monitoring for further decreases in GFR
- b) ACEI are used with spironolactone in case of hyperkalemia
- c) ACEI less effective than ARBS in treating patient with HTN and history of stroke
- d) Aliskiren's use in combination with ACEI to give more effecting in hypertension treatment

41. Which of the following is not considered a potential risk associated with the use of PPIs?

- a) Clostridium difficile infections
- b) Community-acquired pneumonia
- c) Hyperkalemia
- d) Bone fractures

42. Which of the following is not a common cause of peptic ulcer disease (PUD)?

- a) Chronic alcohol ingestion
- b) Nonsteroidal anti-inflammatory drugs (NSAIDs)
- c) Stress-related mucosal damage
- d) Helicobacter pylori infection

43. All of the following used in depression diagnosis except?

- a) Psychotherapy
- b) Physical exercise
- c) Cognitive behavioral therapy
- d) Light therapy

44. IV cefazolin should be administration as surgical prophylaxis?

- a) At beginning of surgery
- b) 1 hour before surgery
- c) 1 hour after surgery
- d) All of the above

45. When administration antibiotic in surgical prophylaxis?

- a) Cefazolin dose based on the weight of patient
- b) If surgical operation takes two times double the half-life of prophylaxis drug to be used
- c) Vancomycin should be taken 2 hours before performing the surgery
- d) All of the above

46. Which of the following Fluoroquinolone antibiotics is the least effect in UTI?

- a) Ciprofloxacin
- b) Levofloxacin
- c) Moxifloxacin
- d) None of the above

47. Which of the following is true about direct acting antiviral combination in treatment of chronic HAV?

- a) Has four generation of classic drugs
- b) Second generation are no longer recommended due to significant side effect
- c) A and b
- d) None of the above

48. Hepatitis B vaccine can be a series of for adult need protection?

- a) 3 injection
- b) 4 injection
- c) 5 injection
- d) 6 injection

49. Hepatitis D infect similar to?

- a) HAV
- b) HBV
- c) HCV
- d) HEV

50. Which of the following drugs need ALT/hepatic monitoring?

- a) Zileuton
- b) Zafirlukast
- c) Montelukast
- d) A and B

51. The most severe symptoms of hip osteoarthritis?

- a) Gradual swelling
- b) Crepitus
- c) Instability
- d) Feel pain in the outer thigh and upper buttock during movement

52. We need to reduce BMI for minimize the risk of rheumatic arthritis?

- a) < 20
- b) < 25
- c) < 30
- d) < 30

53. The maximum duration of time in monitoring prophylactic antibiotic after surgery?

- a) 12 hours
- b) 24 hours
- c) 48 hours
- d) 60 hours

54. Which one of the following is true about Hepatitis B vaccine?

- a) Vaccinated at months 0,1 and 6 in low risk of acquired HBV
- b) It must be vaccinated with HBIG in case of HBV exposed
- c) A and b
- d) None of the above

55. Regarding to Sofosbuvir (Sovaldi) which statement is true?

- a) Approved for treatment HCV genotype 1,2,3 and 4
- b) It dose 400mg with or without food for 12 to 24
- c) May affect it receiving for patient treatment because the cost
- d) All of the above

56. Regarding to the use of anti-inflammatory medication in RA?

- a) The most common drugs used in bridge therapy are NSAID and glucocorticoid
- b) NSAID don't prevent joint damage or change the underlying case
- c) The effective dose for inhibit inflammation equivalents to prednisolone 10 mg/day or less
- d) All of the above

57. Regarding to use NSAID in rheumatoid arthritis as anti-inflammatory?

- a) Non selective NSAID more effective than selective in treating RA
- b) Selective NSAID more risk GI bleeding than non-selective in treating RA
- c) Selective NSAID more effective than in treating RA
- d) Selective NSAID most appropriate than non-selective in RA with HF

58. Which of the following are isn't most modifiable risk factor for knee osteoarthritis?

- a) Overweight/obesity
- b) Low calcium intake
- c) Advanced age
- d) Glucocorticoid therapy

59. Which of the following is not consider in DMARD therapy?

- a) Sulfasalazine
- b) Leflunomide

- c) Methotrexate
- d) Azathioprine

60. Which one is the main/serious risk factor for development Knee osteoarthritis?

- a) Trauma
- b) Obesity
- c) Metabolic syndrome
- d) Inflammation

61. Systemic complication of cirrhosis includes all the following EXCEPT?

- a) Diabetes mellitus
- b) Hepatorenal syndrome
- c) Hepatic encephalopathy
- d) Hepatopulmonary syndrome

62. One of the following potential risk for women used combine contraceptive "COC"?

- a) DVT
- b) Osteoporosis
- c) Ovarian cysts
- d) Anemia

63. Progestin contraceptive us as 150-mg IM every 3 months?

- a) Desogestrel
- b) Yaz
- c) Yasmin
- d) Medroxyprogesterone acetate

64. Not barrier contraceptive?

- a) Patch
- b) Nova ring
- c) Diaphragm
- d) Condom

65. One of the following consider disadvantage of condom?

- a) Not have enough spermicidal
- b) Most people lie when using them
- c) Breakdown during the intercourse
- d) Problem on the appropriate size for men

66. A depressant patient who received drugs and has no response?

- a) Stop the drug totally
- b) Stop the drug and switch to another agent

- c) Increase the dose of drug
- d) Continue the using of drug but combine it with another agent

67. The duration therapy for depression?

- a) Three months
- b) Three to six months
- c) Six months
- d) None of the above

68. Benzodiazepine the first-line agents for treating?

- a) Manic disorder
- b) Depression
- c) Insomnia

69. All of the following clinical presentation for Alzheimer disease EXCEPT?

- a) Depression
- b) Anxiety
- c) Psychosis
- d) Insomnia

70. All the following symptom of anxiety EXCEPT?

- a) Shortness of breath
- b) Headache
- c) Loss of libido
- d) None

71. Stomach ulcer pain occur after eating food, duodenal ulcer pain occurs by hanger and stress?

- a) True
- b) False

72. Albuterol side effect?

- a) Tachycardia
- b) Bradycardia
- c) Hyperkalemia
- d) GI ulcer

73. Major frequent exposure that lead to COPD?

- a) Air pollution
- b) Smoking
- c) Respiratory inflammation
- d) All of the above

74. The most common causes of CKD?

- a) Diabetes mellitus
- b) Post renal
- c) Pre renal
- d) Hemorrhage

75. Which of the following most further support in diagnosis asthma / COPD?

- a) CBS
- b) ECHO
- c) Spirometry
- d) Chest X ray

76. Patient with CKD received erythropoietin to manage?

- a) Diabetic
- b) CKD-MBD
- c) Proteinuria
- d) Anemia

77. The first line in asthma?

- a) LABA
- b) SABA
- c) Montelukast
- d) Corticoids

78. One of the following statements is true about LABA in asthma/COPD treatment?

- a) More selectivity to lung as bronchodilator
- b) Quick relief medication for asthmatic patient
- c) Use in combination not alone

79. The umbrella of COPD includes?

- a) Chronic bronchitis
- b) Emphysema
- c) A and B
- d) None of the above

80. Checking the anemia in end stage renal disease?

- a) Weakly
- b) Annually
- c) Monthly

81. The goal of treatment MDD?

- a) Prevention recurrence of symptoms
- b) Prevention recurrence uses of antidepressant drugs

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