

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

الجمهورية اليمنية

REPUBLIC OF YEMEN
Medical Council
Pharmacist Pen Team

قلم صيدلي
PHARMACIST PEN FOR TRAINING

المجلس الطبي
فريق قلم صيدلي

امتحان

مناولة المائدة

٢٩/١٢/٢٠٢٢م

بكالوريوس صيدلة

(صنعة)

إعداد وتجميع فريق قلم صيدلي

I: Choose the best answer for the following questions:

1) Which enzyme level is first elevated in myocardial infarction?

- a) Troponin
- b) BNP
- c) LDH
- d) CKBB

2) All of the following are side effects associated with levothyroxine use except?

- a) Heat intolerance
- b) Weight gain
- c) Irritability
- d) Insomnia

3) Which drug produces crystalluria?

- a) Penicillin
- b) Sulfamethoxazole
- c) Doxycycline
- d) Gentamycin

4) Pregnant woman with a chronic hypertensive may be treated as a first choice with?

- a) Candesartan
- b) Fosinopril
- c) Methyldopa
- d) Hydralazine

5) Valsartan is?

- a) Beta-blocker
- b) ACEI
- c) Angiotensin II receptor antagonist
- d) Diuretic

6) The refrigerator in the pharmacy that is used for storage of pharmaceutical products should be kept at a temperature of?

- a) 0-3°C
- b) 2-8 °C
- c) 5-10 °C
- d) 3-8 °C

7) Regarding calcium channel blockers which of the following is true?

- a) Verapamil is an antiarrhythmic
- b) Diltiazem is a dihydropyridine
- c) Amlodipine has a reflex tachycardia
- d) None of the above

8) Which drug can cause lactic acidosis?

- a) Glimpiride
- b) Pioglitazone

- c) Repaglinide
- d) Metformin

9) Indicate the drug belonging to proton pump inhibitors?

- a) Pirenzepine
- b) Famotidine
- c) Pantoprazole
- d) Sodium bicarbonate

10) Which of the following is a Leukotriene receptor antagonist?

- a) Lipoxygenase inhibitor
- b) Tiotropium
- c) Ipratropium
- d) Zafirlukast

11) Which of the following is aminoglycoside antibiotics?

- a) Amoxicillin
- b) Sulfamethoxazole
- c) Tetracycline
- d) Gentamycin
- e) Clindamycin

12) Nifedipine is?

- a) Constricts vascular smooth muscle
- b) Long-acting formulations are preferred in the long-term treatment of hypertension
- c) Is a nitrate
- d) Results in increased risk of bradycardia when administered concomitantly with atenolol

13) The management of unstable angina includes all EXCEPT?

- a) Aspirin
- b) Exercise stress test
- c) Clopidogrel
- d) Isosorbide dinitrate

14) TO decrease preload and afterload on the heart and thus treat congestive heart failure, we can prescribe?

- a) Beta Blockers
- b) Digoxin
- c) Captopril
- d) Warfarin

15) H₂ blocker that is associated with drug-drug Interactions and with anti-androgenic side effects?

- a) Ranitidine
- b) Lansoprazole
- c) Cimetidine
- d) Aluminum Hydroxide

16) Which one of these drugs is nephrotoxic and ototoxic?

- a) Penicillin's
- b) Macrolides

- c) Sulfonamide
- d) Aminoglycosides

17) Antibiotic(s) that inhibit protein synthesis of bacterial cell is /are

- a) Chloramphenicol
- b) Macrolides → Erythromycin- Azithromycin- Clarithromycin
- c) Tetracyclines → Doxycycline – minocycline
- d) All of the above

18) Induction of liver microsomal enzymes can?

- a) Require the dose increase of some drugs
- b) Require the dose decrease of some drugs
- c) Prolong the duration of action of a drug.
- d) Intensify the unwanted reaction of a drug

19) Pharmacokinetics is/are ?

- a) Absorption
- b) Distribution
- c) Elimination
- d) All of the above

20) Pharmacokinetics are significant for?

- e) Route of administration
- f) Dose of absorption
- g) Duration of action
- h) All of the above

21) Risk factors of hypertension includes?

- a) Salt intake
- b) Site of management
- c) Ibuprofen
- d) A and c

22) Spironolactone induced-hyperkalemia is enhanced by?

- a) Concomitant thiazide
- b) Concomitant furosemide
- c) Concomitant amlodipine
- d) Concomitant captopril

23) The following type of drug-drug interaction due to absorption, distribution, metabolism, excretion is?

- a) Pharmacodynamic interaction
- b) Chemical interaction
- c) Physical interaction
- d) Pharmacokinetic interaction

24) Dry cough is the most common side effect of the following drug?

- a) Lisinopril
- b) Candesartan

- c) Metoprolol
- d) Thiazide

25) The drug of choice for treating hypertension with diabetes mellitus?

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

26) term of (metabolism) include the following

- a) Transfer drug from the administration site to systemic circulation
- b) Binding of substance with plasma protein
- c) Accumulation of substance in the tissue
- d) Process of physiochemical and biochemical alteration of drug in the body

27) The main site of metabolism ?

- a) Stomach
- b) Liver
- c) Small intestine
- d) Large intestine

28) Metabolism also occurs to a minor extent in the

- a) Kidney and lungs
- b) Blood and skin
- c) A and B
- d) None

29) Salbutamol used for

- a) Cardiac shock
- b) Epistaxis
- c) Bronchial asthma
- d) Bronchial inflammatory

30) Which of the following use as antidote for paracetamol toxicity?

- a) Neostigmine
- b) Acetylcysteine
- c) Atropin
- d) B and C

31) Which of the following oral hypoglycemic agent belong to biguanide?

- a) Insulin
- b) Metformin
- c) Gliclazide
- d) Acarbose

32) Which of the following drugs an example loop diuretics?

- a) Spironolactone
- b) Torsemide
- c) Hydrochlorothiazide
- d) None

33) Which of the following drugs an example of potassium sparing diuretics?

- a) Torsemide
- b) Spironolactone
- c) Indapamide
- d) B and c

34) Which of the following drugs an example of 3rd generation cephalosporin ?

- a) Cefuroxime
- b) Cefotaxime
- c) Cefpodoxime
- d) B and C

35) Indicate the competitive antagonist of BZ receptor (antidote of diazepam)?

- a) Flumazenil
- b) Buspirone
- c) Zolpidem
- d) None of the above

36) Exjade is an antidote that is used in the case of Overload ?

- a) Iron
- b) Heparin
- c) Paracetamol
- d) Calcium

37) Adrenaline prolong the action of?

- a) Local anesthetics
- b) NSAID
- c) Antihistamine
- d) Salbutamol

38) In an acute angina attack, the patient should be used?

- a) Isosorbide mononitrate
- b) Nifedipine
- c) Nitroglycerin
- d) Propranolol

39) The bioavailability of drug administered directly to systemic circulation is ?

- a) 45%
- b) 100%
- c) Dependent on the half life of the drug
- d) Is unpredictable

40) Metformin is used in all of the following except?

- a) Obesity
- b) Tendency to develop lactic acidosis
- c) Serum creatinine less than 1.2mg/dl
- d) Both b and c

41)The prodrug dexamethasone -21-B glycoside and prednisolone 21-B glycoside absorbed:

- a) In colon efficiently compared to their parent drugs
- b) In colon less efficiently compared to their parent drugs
- c) In colon more efficiently compared to their parent drugs
- d) None of the above

42) Mainly use as emergency drugs in anaphylactic shock in combination with hydrocortisone or dexamethasone in dextrose solution is?

- a) Salbutamol
- b) Phenylephrine
- c) Ephedrine
- d) Adrenaline

43) All of the following drugs may enhance breast milk production by increasing prolactin except

- a) Haloperidol
- b) Metoclopramide
- c) methyldopa
- d) Bromocriptine

44) Cigarette smoke is responsible for lung and colon cancer because of

- a) CYP2D6 metabolized the bronchial aromatic hydrocarbon to carcinogen
- b) CYP1A2 metabolized the bronchial aromatic hydrocarbon to carcinogen
- c) CYP22C19 metabolized the bronchial aromatic hydrocarbon to carcinogen
- d) None of the above

45) Oral glucose lowering agent that primarily inhibit the breakdown of glucagon – like-peptide 1 are classified as?

- a) Sulfonylurea
- b) SGLT2 inhibitors
- c) DPP-4 inhibitors
- d) Meglitinide

46) Salbutamol is?

- a) Selective B2 agonist
- b) Selective B1 agonist
- c) Selective a agonist
- d) Non selective B -agonist

47) Which drug is the first line for parkinsonism?

- a) Amantadine
- b) Levodopa/Carbidopa
- c) Bromocriptine
- d) Selegline

48) Phosphate ester of clindamycin to ?

- a) Improve absorption
- b) Reduce gastric irritation
- c) Improve taste
- d) None of the above