

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

الجمهورية اليمنية

المجلس الطبي

فريق قلم صيدلي

REPUBLIC OF YEMEN  
Medical Council  
Pharmacist Pen Team

قلم صيدلي  
PHARMACIST PEN FOR TRAINING

المنشأه

منشأه المنشأه

٢٠٢٣ / ٦ / ٢٢ م

بكالوريوس صيدلة

إعداد وتجميع أحمد الصبري

**I: Choose the best answer for the following questions:**

**1. Semisolid topical preparation are:**

- a) Ointment and paste
- b) Cream and gel
- c) Lotion and solution
- d) All the above
- e) A and b

**2. The most surprising difference between cream and ointment**

- a) Cream are thicker than ointment
- b) Ointments are thicker than creams
- c) Cream are emulsion whereas ointments are suspension
- d) None of the above

**3. The solid content is highest in:**

- a) Ointment
- b) Cream
- c) Paste
- d) Solutions

**4. The presence of polyethylene glycol- like base render them:**

- a) Occlusive
- b) Greasy
- c) Water washable
- d) All the above

**5. In addition to aqueous cream and hydroxyzine, acute flare up of eczema in both hand needs a weak of**

- a) Clobetasone cream to be applied twice daily
- b) Clobetasone ointment to be applied twice daily
- c) Hydrocortisone ointment to be applied twice daily
- d) All of the above

**6. Metformin**

- a) Cause hypoglycemia
- b) Should be taken with meal
- c) Is more useful in non-obese
- d) All of the above

**7. Patient on methotrexate should undergo regular investigation for**

- a) Full blood count
- b) Renal function
- c) Liver function
- d) All of the above

**8. Cytokine inhibitors disease – modifying ant rheumatic drugs does not include**

- a) Methotrexate
- b) Etanercept
- c) Infliximab

d) None of the above

**9. Post stroke recommended drugs should include**

- a) An ACEI
- b) Aspirin
- c) Statin

d) All of the above

**10. Chemical enhancer is employed in topical preparation to the skin**

- a) True
- b) False

**11. Allopurinol is pharmacologically classified as a (an)**

- a) Beta- androgenic agonist
- b) MAO inhibitors
- c) Xanthine oxidase inhibitors used for gout
- d) Antimetabolite used for cancer

**12. The active ingredient in Epsom salt (used as laxative ) is :**

- a) Sodium chloride
- b) Calcium chloride
- c) Potassium chloride
- d) Magnesium sulfate

**13. Which of the drugs is used for hyperthyroidism (e.g. graves disease )**

- a) Mechlorethamine
- b) Prednisone
- c) Procarbazine
- d) Propylthiouracil

**14. Granisetron and metoclopramide are:**

- a) Antiemetic
- b) Antihistamine
- c) Local anesthetic
- d) Antidepressant

**15. Terbutaline and salbutamol are used as "tocolytic" agent the term refer to a drug that:**

- a) Increase GI tract tone
- b) Reduces GI tract motility
- c) Reduces uterine contractility
- d) Prevent emesis

**16. Which of the following is not benzodiazepine?**

- a) Alprazolam
- b) Chlordiazepoxide
- c) Zaleplon
- d) Lorazepam

**17. Misoprostol (cytotec®) is contraindication in**

- a) Pregnant women
- b) Patient using aspirin
- c) Patient with osteoarthritis
- d) The elderly

**18. Another name for vitamin B6 is**

- a) Thiamine
- b) Pyridoxine
- c) Phytonadione
- d) Ascorbic acid

**19. Misoprostol (cytotec®) can best be described as a**

- a) Ulcer –adherent complex
- b) Anticholinergic
- c) H<sub>2</sub> – receptor antagonist
- d) Synthetic prostaglandin analog

**20. A drug commonly employed in the treatment of morphine toxicity**

- a) Naloxone
- b) EDTE
- c) Buccal cavity
- d) Adrenalin

**21. Best treatment of cholera is**

- a) Amoxicillin
- b) Vancomycin
- c) Doxycycline
- d) Chloramphenicol

**22. Use as antimalarial drugs**

- a) Metronidazole
- b) Chloroquine
- c) Ceftriaxone
- d) Albendazole

**23. Effective anthelmintic agent (against worms )**

- a) Metronidazole
- b) Chloroquine
- c) Ceftriaxone
- d) Albendazole

**24. Should be taken by pregnant women to avoid congenital malformation in fetuses especially in the first trimester**

- a) VIT C
- b) Folic acid
- c) Calcium
- d) Multivitamins

**25. May cause nephrotoxicity and ototoxicity**

- a) Penicillin's
- b) Aminoglycoside
- c) Sulfonamide
- d) Quinolone

**26. The aseptic technique is use of procedures and precautions that not prevent contamination by microorganism**

- a) True
- b) False

**27. Sterilization methods are intended to eliminate**

- a) Bacteria
- b) Virus
- c) Pyrogens
- d) Viable microorganism

**28. Requirement for the ophthalmic preparations**

- a) Sterile and free of foreign particulates
- b) Acceptable PH and tonicity
- c) Stable during preparation and storage
- d) Packaged in multiple dose container
- e) A and c
- f) All of the above

**29. Crystalline drugs have low permeability because they have higher melting point**

- a) True
- b) False

**30. The majority of creams are oil- in –water type emulsion.**

- a) True
- b) False

**31. The area of tinea corporis expanded in a male patient despite using (miconazole hydrocortisone) ointment**

- a) Tinea corporis is a fungal infection of the keratin layer of the skin cause by candida albicans
- b) Tinea corporis is a fungal infection of the groins
- c) The expansion is due to the ointment, cream formulations is the appropriate formulations
- d) All of the above

**32. The guanide group of histamine has**

- a) An intermediate degree H2 antagonist
- b) A high degree of selective H2-antagonist
- c) A weak H2 – antagonist
- d) All of the above

**33. Cromolyn sodium is**

- a) Second generation H1- blocker
- b) Effective in treat asthmatic attack
- c) Effective as prophylaxis in asthmatic attack
- d) A and c are correct

**34. Hydroxyzine characterizes by**

- a) Antihistaminic and anti-epilepsy activity
- b) Antihistaminic and antianxiety activity
- c) Antihistaminic and antacid activity
- d) All of the above

**35. Bethanechol has long duration of action since**

- a) The presence of  $\beta$  – methyl group
- b) The presence of carbamate group
- c) The presence of  $\alpha$  – methyl group
- d) A and b are correct

**36. Which of the following would be a good alternative to penicillin V for pregnant women**

- a) Erythromycin
- b) Trimethoprim
- c) Para-amino benzoic acid
- d) Demeclocycline

**37. Which of the following antihistamine is the effective for both atopic dermatitis and common cold?**

- a) Loratadine
- b) Desloratadine
- c) Diphenhydramine
- d) All of the above

**38. Pregnant woman with a chronic hypertensive may be treated as a first choice with?**

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

**39. Dipyridamole is**

- a) Anti-thrombotic
- b) Fibrinolytic drug
- c) Anti-platelet drug
- d) Antihistamine drug

**40. The antidote of warfarin**

- a) Heparin
- b) Naloxone
- c) Vitamin K
- d) None of the above

**41. The mechanism of action of Amiloride and triamterene is most similar to of**

- a) Furosemide
- b) Hydrochlorothiazide
- c) Spironolactone

**42. Levodopa can best be describing as a "an"**

- a) dopamine Precursor
- b) dopamine antagonist
- c) skeletal muscle relaxant
- d) neurotransmitter

**43. Amlodipine and verapamil are:**

- a) CCB
- b)  $\alpha$  androgenic blocker
- c) non selective  $\beta$ B
- d) ACEI

**44. Which of the following insulin has the rapid onset of action?**

- a) Lispro
- b) NPH
- c) Protamine zinc
- d) Insulin glargine

**45. Which of the following is true about combination oral contraceptive?**

- a) They suppress FSH and LH
- b) They decrease viscosity of cervical
- c) They are used for breast feeding women
- d) They contain a progestin and androgen

**46. The prolong use of which of the following drugs is associated with the development of Parkinson- like symptom?**

- a) Antidiabetic drug
- b) NSAID
- c) Antipsychotic
- d) Most vasodilator

**47. Trentonian and isotretinoin are closely related to**

- a) Pantothenic acid
- b) Vitamin C
- c) Vitamin D
- d) Vitamin A



**48. Clonidine**

- a) Is useful in treatment of hypotension
- b) Has  $\alpha_2$  selective stimulant at CNS
- c) Used in treatment of hypertension
- d) B and c are correct

**49. Patient on omeprazole should be advise to**

- a) Take it with meal for maximal acid neutralization
- b) See a doctor if the dyspepsia persists despite a 2 –week use
- c) Take it after meal for maximal absorption
- d) All of the above

**50. Furosemide is the most effective among diuretic agent since**

- a) It inhibits reabsorption of 20—25% of  $\text{Na}^+$  that responsible for hypotonicity
- b) inhibit reabsorption of 20—25% of  $\text{Na}^+$  that responsible for hypertonicity
- c) inhibit reabsorption of 30—50% of  $\text{Na}^+$  that responsible for hypertonicity
- d) all of the above

**DONE**



حصري لى موقع قلم صيدى ۲۰۲۳