



AL- AZHAR Univ
Coll. of Pharmacy

Pharmacy Training Exam.

28/9/2019

Time: 90 min

..... رقم الطالب: الاسم:

Please choose the correct answer: 30 marks

1. Which of the following drugs indicated to use in pregnancy
 - a- Fluxacillin
 - b- Ciprofloxacin
 - c- Tetracyclines
 - d- Gatifloxacin
2. Nitrofurantion (R/ Macrofuran) is used in the treatment of
 - a- Tonsil infection.
 - b- Urinary tract infection.
 - c- Skin infection.
 - d- A +B
 - e- B+C
3. To treat nausea and vomiting in pregnancy which is the drug of choice,
 - a- Meclezine HCl (R/ Paravomine)
 - b- Cemetidine (R/ Tagamet)
 - c- Dimenhydrinate (R/ Daramine)
 - d- Metoclopramide (R/ Emestop)
4. Expectorant agent used anticough syrup is,
 - a- pseudoephedrine HCl
 - b- guaifenesin
 - c- triprolidine HCl
 - d- codeine phosphate
5. Which of the following products is eye decongestant?
 - a- Dexamycin
 - b- Agisten
 - c- Vizoline
 - d- Lyteers
 - e- Nosacare
6. The following drugs is related to ^R Normiten?
 - a- Timolol
 - b- Celecoxib
 - c- Propranolol
 - d- Diltiazem
 - e- Atenolol

7. Which of the following statement is correct about R/ Megaphage?
- It is used as hypoglycemic drug.
 - It is used antihistaminic drug
 - It is used as hyperglycemic drug
 - It is estrogen analogue
 - None of the above is correct.
8. Which of the following trade names is related to Esomperazole ?
- Furamix^R
 - Marial^R
 - Pepticum^R
 - Mepral^R
 - Nexo^R
9. The term (Protect from light) indicates:
- Dark place
 - Amber glass bottle
 - Tight glass bottle
 - Light resistant container
10. The volume of teaspoonful is equal
- 10 ml
 - 15 ml
 - 30 ml
 - 5 ml
11. Dorzolamide (R/Cosupt) drops is used to treat the following conditions
- Mydriasis
 - Glucoma
 - Tachycardia
 - Bleeding
12. Which of the following product is used as ear drops?
- Vibrocil
 - Novocort
 - Vizoline
 - Lyteers
13. Benzoylbezoate (R/ Benzyl B) is commonly employed in treatment of:
- Psoriasis
 - Impetigo
 - Scabies
 - Seborrheic dermatitis
14. The abbreviation (IV gtt/d) in prescription stands for:
- Three times a day
 - Three drops
 - Three capsule
 - Four drops daily

15. Which of the followings is not antifungal agent?
- R/ Sporofulvin
 - R/ Nystatin
 - R/ Wermox
 - R/ Ketoral
16. Examples of cardioselective β_1 -adrenergic blockers are:
- Carvidilol
 - Concor
 - Prazocin
 - Deralin
17. Which of the following can use for treatment of alopecia
- Chlorothazide
 - Minoxidil
 - Methoxypsoralen
 - Norfloxacin
18. Which of the following is not a macrolide antibiotic?
- Streptomycin
 - Erythromycin
 - Azithromycin
 - Klarithomycin
19. R/ Moclav is an antibiotic belonging to:
- Tetacyclines
 - Amoxacillin
 - Gentamycin
 - Macrolide
20. The abbreviation (a.c) in prescription stands for:
- Three times a day
 - After meals
 - Before meals
 - Two times a day
- 21- All of the following drugs are oral hypoglycemic agents **Except**:
- Amaryl[®]
 - Insulin
 - Glucocare[®]
 - Decongex[®]
 - b + d
22. A common side effects of Hyosine (Scobutyl) is:
- Headache
 - Constipation
 - Gastric upset
 - Vomiting
 - Diarrhea

- 23- Which of the following drugs is used to treat diarrhea:
- a- Furamix[®]
 - b- Diacare[®]
 - c- Emestop[®]
 - d- a + b are correct
 - e- All of the above are correct
- 24- Which of the following drugs is related to H₁-receptor antagonist:
- a- Ahiston[®]
 - b- Lorax[®]
 - c- Cyprodine[®]
 - d- a + b are correct
 - e- All of the above are correct
25. Which of the following can use for treatment of alopecia
- a. Chlorothiazide
 - b. Hair max
 - c. Mycoten
 - d. Norfloxacin
26. Which of the following is a macrolide antibiotic?
- a. Streptomycin
 - b. Erythromycin
 - c. Azithromycin
 - d. Klarithomycin
27. The drug of choice for treatment of trigeminal neuralgia, is
- a. Diclofenac
 - b. Naproxen
 - c. Carbamazepine
 - d. Diazepam
- 28- Exforge[®] is used for hypertension because it contains:
- a- Valsartan
 - b- Amlodipine
 - c- Hydrochlorothiazide
 - d- a + b are correct
 - e- a + c are correct
- 29- 6. The ideal concentration of ethyl alcohol as antiseptic is:
- a- 90%.
 - b- 70%
 - c- 50%
 - d- 96%.
- 30- Which of the following can cause discolouration of children's teeth?
- a- Sulfonamide
 - b- Erythromycin
 - c- Tetracycline
 - d- Chloramphenicol

Part II

(10 pts)

(A) Match the drugs in the column (A) with the correct answer in column (B)

Column (A)	Column (B)
1- Azytra [®]	() is the first choice for hypertension in pregnancy
2- Zinaxim [®]	() is proton pump inhibitor and used for peptic ulcer
3- Supraviran [®]	() is antibiotic related to macrolids
4- Cefpo [®]	() is Ca ⁺² channel blocker and used for angina
5- Dilax [®]	() is second generation cephalosporins
6- [®] Amicor [®]	() is the trade name of sulpride
7- Methyldopa	() is used for constipation
8- Pantovir	() is an antihypertensive drug which causes cough and angiodema.
9- Modal [®]	() is third generation cephalosporins
10- Enaladex	() is used for treatment of herpes zoster

(B) Short assay (20 pts)

- 1- Enumerate Three (3) different trade names of controlled drugs present in the pharmacy.

- 2- Enumerate Three (3) different drugs (trade names) keep in refrigerated in the pharmacy.

- 3- Enumerate Three (3) supplements used in hair loss in the pharmacy.

- 4- Enumerate Three (3) different topical drugs for treatment of contact dermatitis (trade names) available in the pharmacy.

5- Enumerate Three (3) different drugs for treatment of hypertension (trade names) available in the pharmacy.

6- Enumerate Three (3) different drugs for treatment of epilepsy (trade names) available in the pharmacy.

7- Enumerate Three (3) different drugs for treatment of rheumatoid arthritis (trade names) available in the pharmacy.

(C) Give Trade names for the following generic drugs (10 M)

Generic Drug	Trade name
1- Clomphine	
2- Fluxacillin	
3- Amlodopine	
4- Valzartan	
5- Mebendazole	
6- Clindamycin	
7- Benzotropin	
8-Paracetamol + Diclofenac K	
9- Metronidazole	
10-Mebendazol	

Good Luck

twice daily

57- متى اختصار ad

up to

58- You don't find in the pre-^{التاريخ}ion
the birthday of patient

59- trade name for omeprazole

Mepral

Marial

1+2 الجواب

60- علاج لـ malaria

isoniazina

chloroquine

التاريخ الصح

4. Choose the correct answer:-

Hadeel H. Elkhayat

1. The average life of Red blood cell is about ...

bone marrow
spleen

- a. 7 days
- b. 3 weeks
- c. 2 months
- d. 4 months

2. The anti-diuretic hormone is secreted from.

ADH

- a. Kidney cortex.
- b. Anterior pituitary.
- c. Posterior pituitary.
- d. Non of above.

oxytocin = ADH
secreted by basal forebrain

3. Amoxycillin when taken with food its absorption:

- a. Delayed
- b. Increased.
- c. Decreased
- d. Not absorbed.

4. person is allergic to hydrochlorothiazide also may be allergic to:-

Esdrex - modex - disothiazid 25 mg

- a. Digoxin
- b. Sulfamethoxazole
- c. Chloramphenicol
- d. penicillin.

5. Pento thal administered via:-

- a. oral
- b. topical
- c. Inhalation.
- d. IV.

6. Chlorpropamide is:-

- a. analgesic
- b. Ant. antibiotic
- c. Anti-diabetic
- d. Urinary ant. septic.

sulfonil urea 1st generation.

Diabitec

(3)

2007/2008

ALL of this drugs are contraindication for pregnancy & breast feeding except:

- a-alcohol
 - b-phenobarbital
 - c-acetaminophene**
 - d-diazepam
- الاجابة رقم c

2- which of this drugs used in chemotherapy:

- a-methotrexate
 - b-vinca alkaloids
 - c-flouracil
 - d-all of the above**
- الاجابة رقم d

3- at which temp the biological product stored:

الاجابة : درجة 2-8 و هي بالتلازمة طيما

4- centrally acting antihypertensive agent is

الاجابة : methyl dopa

5- crystal urea is a side effect of

- neomycin
- sulfa drug
- ciprofloxacin
- الاجابة : **sulfa drug**

5- one of the following is used to treat glaucoma

- 1-furesamide (lazix)
 - 2-acetazolamide (**diamox**)
 - 3- 2 1 and
 - 4-non of the above
- الاجابة رقم 2 : **diamox**

7- the drug used for pregnant to prevent vomiting

الاجابة : antihistamine **meclozine**

8- how could we prepare 600 ml soln 60% from soln of 85%

الاجابة : 379 ... باستخدام قانون M.V = I.V * D.K

$$600 \times 95\% = 379 \times 85\%$$

- a-chloramphen
 - a-acetylation
 - b-oxidation
 - c-methylation
 - d-conjugation
- الاجابة رقم d

- 10 - all of the fo
 - a-polyuresis
 - b-polytherist
 - c-wieght gain
 - d-weight loss
 - e-polydipsia
- الاجابة رقم c

- 11- which of the
 - ketamine
 - propofol
 - thiopental
 - isoflurane**
 - isoflurane
- الاجابة c

12- cold cream

الاجابة w/o

- 13- HLB
- ionic
- cationic
- amphoteric
- nonionic

- 14- opioid ag
 - antidiarrha
 - antitussive
 - analgesic
 - antiinflamato
 - preanasthe
- الاجابة : اعدا

- 15- which of
 - B2 adrenergic
 - xanthines
 - corticostero
 - nonselect**
- الاجابة : اخر وحدة

[6] Patients with peptic ulcer disease should be encouraged to do all of the following EXCEPT:

- a. Decrease caffeine ingestion
- b. Eat only bland food
- c. Stop smoking
- d. Avoid the use of milk

brand
Caffeine → Cause ulcer
Folic Acid B8,9

[7] A person who is allergic to sulfa drugs may also be allergic to:

- a. Digoxin
- b. Hydrochlorothiazide
- c. Tetracycline
- d. Paracetamol

Hydrochlorothiazide
ADEK
Loin

[8] All of the following are compounds vitamins EXCEPT:

- a. Ascorbic acid
- b. Citric Acid
- c. Thiamine
- d. Hydroxycobalamin

Citric Acid
Thiamine B1
Hydroxycobalamin B12

[9] Persons who are allergic to penicillin can safely take the following antibiotics:

- a. Augmentin
- b. Cephalexin
- c. Erythromycin
- d. Amoxicillin

Erythromycin
macrolid
laxative

[10] Senna leaves are used to treat:

- a. Constipation
- b. Abdominal pain
- c. Diarrhea
- d. Headache

Sennas seeds as laxative

[11] which of the following drugs is used to treat Parkinson's disease?

- a. Propranolol
- b. Chlorpheniramine
- c. Levodopa
- d. Furosemide

Levodopa
Ach → Dopamine
Artane Cabedopa
Levodopa

[12] All of the following drugs are used in the treatment of allergy EXCEPT:

- a. Terfenadine
- b. Ikaclomin
- c. Loratadine
- d. Oxprenolol

Ikaclomin
Sedating
Chlorpheniramine
Diphenhy.
Non-Sedating
loratadine
hist H1
nuolo

17- plant that used in treat the digitalis purpurea

17- garlic used for to reduce cholesterol

18- which of the following cloxan erythromycin zetmycin

zetmycin

19- which of the following triamterine

20 - expectorant drug pseudoephedrine hcl codiene sulfat triprilodine hcl guiafensin

guiafensin

21- in case of shock

22- in case of hypoglycemia glucose glucagon adrenaline all of the above

23- the drug used doxopram b-dipyridamol c-dopamine d-ipeca

24- the table wh not put in ref shake before

16- plant that used in treatment of congestive heart failure
الاجابة : digitalis purpurea

17- garlic used for
الاجابة : to reduce cholesterol and triglyceride level

18- which of the following cause nephro and ototoxicity

- cloxan
- erythromycin
- zetmycin

الاجابة : zetmycin → gentamycin (Aminoglycosides) parentally
Multi-cellular

19- which of the following is not antitussive drug
لا يوجد مدر للبول الاجابة هو

- 20 - expectorant drug used antitussive
pseudoephedrine hcl
- codiene sulfat
- triprilodine hcl
- guaifensin
- الاجابة : guaifensin

Calcitonin

21- in case of shock state we give
الاجابة : ينطى الدم والى

- 22- in case of hypoglycemic coma we give
- glucose
- glucagon
- adrenaline
- all of the above
- الاجابة : glucose

- 23- the drug used in hypercapnia is
- a-doxopram
- b-dipyridamol
- c-dopamine
- d-ipeca

اجابة : a
الاجابة : ا
هذا الدواء يوسع في الشعب الهوائية وزيادة سطح الرئتين وانتق حار لثمن اثنى لاثى a
بالسوية تكون ادرج فيلدا الاوى بيساقت لثى co2 with o2 بندا عملية تبادل

- 24- the label which put on clarithromycin is
- 1. not put in refrigerator
- 2. shake before use
- 3. put in dark place

CA
: susp. نبي منه

medelling
direct action on
respiratory centre for stimulation
ventilation
Q

لا يربط في الشرحه enj thomy sine

25-Which from the following drugs can cause dissociation of tooth :

- A. Penicillin
- > B. Tetracycline
- C. Kanamycin
- D. Sulfa drugs
- E. Chloramphenicol

رقم الاجابة : b

26-which of the following is nasal decongestant

- A. piperazine
- B. diphenhydramina
- > C. phenylphrine
- D. isoproterenol
- E. hydrocodone

رقم الاجابة : c

27-which of the following is contraindicated with MAO inhibitors

- A. Meat
- B. Fish
- C. white cheese
- D. eggs
- > E. processed cheese

رقم الاجابة : e

28-the ideal antiseptic concentration of ethylalcohol is

- A. 100%
- B. 95%
- C. 75%
- > D. 70%
- E. 50%

رقم الاجابة : d

29-which of the following drugs make accumulation in blood

- > A. digoxin
- B. penicillin
- C. relaxon
- D. randin

رقم الاجابة : a

30. paraffin oil is commonly used to treat

- a- constipation
- b- gastric upset
- C- vomiting
- D- diarrhea

رقم الاجابة : a

31- which of the following is correct about Metformin

- A. It's hyperglycemic drug

> B. it's hypoglycemic
C. it's antihistaminic
D. it's estrogen antagonist
رقم الاجابة : b

32-Metronidazole
> A. Flagyl
B. Vermazole
C. Indocin
D. Laxin
رقم الاجابة : a

33- the best diuretic
spironolactone
furosemide
hydrochlorothiazide
amiloride
رقم الاجابة : furo

34- the most effective laxative
lactulose
glycerine
senna
magnesium hydroxide
رقم الاجابة : s

35- an anticholinergic drug
atropine
PRE
رقم الاجابة : فراز

- > B. it's hypoglycemic drug
 - C. it's antihistaminic drug
 - D. it's estrogen analog drug
- الاجابة : b رقم

32-Metronidazole is the scientific name of :

- > A. Flagyle
 - B. Vermazole
 - C. Indocin
 - D. Laxin
- الاجابة : a رقم

33- the best drug used in emegancy hypertension
 spironolactone
 furosemide

- hydrochlorothiazide
 - amiloride
- الاجابة : furosemide

34- the most drug used before colon X-ray

- lactulose syrup
 - glycerine supp
 - senna extract
 - magnesium sulfate
- الجواب senna

35 -antacid ما عدا

buffer كيميائى

مع الكالسيوم والتيتانيوم يعالجت متفاعلا

PREVENT HCL secretion
 semithicone المضطربات يضاف معها في بعض

الاجابة : يمنع افراز hcl

لها من الصفود

36- the term (light sensitive drug) it mean
 put in dark place
 put in amber glass
 put in dark container

الاجابة : رقم واحد شفتها في مكان مظلم

AB

37- which of the following related to deralin
 (it's active ing of deralin not trade name)
 الاجابة : propranolol

83- which write on it KEEP IN REFRIGERATOR-DONT FREEZE
 a-chlorohexine syrup
 b-CO-TRIMOPAXOL

40-potassium slow release supplement
الجراب c-amoxicillin syrup

39- the size of teaspoonful

15 ml

5ml

الجواب 5 مل

40- benzyl alcohol used as preservative

benzyl alcohol

parbens

41- Methyl Cellulose Use in Ophthalmic Preparation As
prolong contact time

42- the base used in supp in hot climate
cocoa butter

bees wax

الجواب: cocoa butter
بدرجة 37 لا يذوب ودرجة انصهاره منخفضة ويصعب عند استخدامه
ويقلبه واذ منقورة يذوب كيميائياً من 37 على الأقل لظهور
استلثة المسحوقه فانها عند طاب في المعسل وكان يجيب حلونها

43- the drug that used before meals is

antacid

antibiotic

hypnotic

antibiotic

الجواب

parbens

benzyl alcohol

ben

44- to abort angina pectoris use
glycerate trinitrate sublingual

45- which of the following is given intravenous
regular insulin

46- the route that give complete (100%) absorption is
intramuscular

intravenous

inhalation

subcutaneous

الجواب: intravenous i.v

47- what advise u can give to parents of 2 yrs child with amoxicillin 250
susp recipe

don't give with dairy product

shake well before use

must take drug before meals

الجواب: shake well

Red
circle

48- a 6 years child come with his mother to u in pharmacy and he is
complained from red round cycle on his forarms with raised papules and
the child said there is itching

Fungal
infection

the most effective drug is
clotrimazole

in medicine

hydrocortison

advice mother to see skin specialist

49 - hypertension patient come to u he is taking atenolol and he say that
his blood pressure is 139/75 and his heart rate is 56 beat per min . what
u can do about this

tell patient to stop atenolol immediately

a-call the doctor and ask him that we can change atenolol to metoprolol
because it has less side effect on patient heart rate

b-tell the patient that he is well and his blood pressure and heart rate
values are normal

Ask patient if has dizziness or exertion intolerance

chronic
disease
المرض
الزمن

50- Lasix is a potent drug for treatment of

A. status epileptic

B. glaucoma

C. edema

D. diabetes mellitus

الاجابة : c edema

51 -we can give the recipe when

الاجابة : when there is doctor name and signature

52 -a medication error in a hospital that nurse give wrong drug to a
patient

in this situation

Inform the physician

Inform the pharmacist's

give them a drug

الذي يتغير الاجابة الصحيحة: الذي يكتب الدواء هو

53- adrenaline and nor adrenaline are compounds have

Broncholytic X Rhinology

54- Optically active drug has

الاجابة كانت : contain a center or a plane of asymmetry

55-cool place mean

temp from 0-15c

temp from 15-25c

temp from 2-8c

15 الجواب هو 15

56- b.i.d اختصار شو يعني

Pharmacy
Pharmacy
Pharmacy

Strong antispasmodic (anticholinergic)

- a. Codein
- b. Methadone
- c. Propoxyphene
- d. all of above

8 - Which of the following is most decongestant?

- a. piperazine
- b. Diphenhydramine
- c. phenyl ephrine
- d. Isoproterenol

9 - Which of the following is not Antifungal?

- a. Griseofulvin spore killer
- b. Nystatin
- c. Clotrimazole
- d. Metronidazole

- a. Metronidazole
- b. Clotrimazole
- c. Nystatin
- d. None of above

10. According to Law the area of pharmacy must be not less than

- a. 40 sq m
- b. 32 sq m
- c. 60 sq m
- d. None of above

11 - Codein is extracted from which part of opium?

- a. pericarp
- b. flos
- c. leaves
- d. fruit

12. Where applied to eye anticholinergic drug will

- a. Dilate pupil
- b. Contract the pupil
- c. Contract Rodria in eye
- d. Increase intraocular pressure

CS

1

13. Nausea & vomiting & Abdominal cramps & Diarrhoea & Nasal discharge

14. A. ...

17. Dilute
 16. Dilute
 15. Dilute
 14. Dilute
 13. Dilute
 12. Dilute
 11. Dilute
 10. Dilute
 9. Dilute
 8. Dilute
 7. Dilute
 6. Dilute
 5. Dilute
 4. Dilute
 3. Dilute
 2. Dilute
 1. Dilute

anti-histamine

Nausea & vomiting.
 Abdominal cramps & constipation.

Drowsiness & sedation
 Nasal decongestion.

14.

Rivotril drops ✓

14.

14. a. Diazepam
 b. Bromazepam
 c. clonazepam
 d. Diazepam

Rivotril

Rivotril drops
 عرق

Clonex
 Rivotril
 Clonazepam
 العرق / الشرب

Seizures
 - convulsions
 - epilepsy

15. MAO inhibitors not with:

a. white cheese
 b. yellow cheese
 c. potatoes
 d. strawberry

amnesia

(5)

16. AC means

a. before meal ✓
 b. after meal
 c. at bed time
 d. without food

17. Typhoid fever caused by.

a. Shigella
 b. Rickettsia
 c. Neisseria
 d. Salmonella

الطيفية = تيفويد

8. The extract of cinchona used as.

a. Antidiabetic
 b. Antihypertensive
 c. Antimalarial

quinidine
 anti-amylin

11.

- a. Chloramphenicol
- b. Corticosteroids
- c. Salicylate
- d. Acetazolamide

20. The maximum period for Insulin storage is 6 months

- a. 6 months
- b. 12 months
- c. 18 months
- d. 24 months

Give one Indication for:-

- 1. Glibenclamide - antidiabetic
- 2. Methotrexate - anticancer
- 3. Haloperidol - anti-psychotic
- 4. Piroxicam - anti-rheumatic
- 5. Amikacin - antibiotic
- 6. Acyclovir - antiviral
- 7. Warfarin - anticoagulant
- 8. Bromocriptine - prolactin inhibition
- 9. Fluticasone - anti-asthmatic
- 10. Piperazine citrate - anti-helminthic

Give one trade name for:-

- 1. Acetylsalicylic acid 100mg - aspirin
- 2. Acetylcysteine - Reol
- 3. Bromhexine - Broncodar
- 4. Codein - Panadol
- 5. Caffein - Panadol extra
- 6. Glimperide - amaryl
- 7. Itraconazole - Itrax
- 8. Diloxanide - Cystost
- 9. Sulindac - Mo
- 10. Azithromycin - A

16. The Roman numeral for Nine is :-
a. XI.
b. IX. ✓
c. VIII.
d. M.

17. The anti-inflammatory activity of Ibuprofen is due to :-
a. CNS action.
b. Inhibition of Prostaglandins synthase. ✓
c. Affect peripheral nerve fibers.
d. Inhibition of epinephrine synthesis.

18. The study of the actions and effects of drugs within a living system is termed :-
a. Pharmacology. ✓
b. Pharmacodynamics. ✓
c. Pharmacokinetics. ✓
d. Pharmacogenetics. ✓

19. The desirable total cholesterol for adults must not be more than :-
a. 200mg/dl. ✓
b. 300mg/dl.
c. 250mg/dl.
d. 350mg/dl.

20. Monoamine oxidase inhibitors interact seriously with :-
A. Cheese. ✓
B. Sympathomimetic drugs.
C. Fermented foods.
D. All of the above.

V. Fill in the following blanks:-

1. Male hormones are called Androgens.
2. Monoamine oxidase is an enzyme responsible for breaking down Adrenaline.
3. Pilocarpine is an alkaloid derived from Pilocarpus paborandi leaf.
4. Acacia is used in marketing Emulsion.
5. A.C. is the abbreviation for Anticancer.
6. Collyr is the abbreviation for Eye.
7. Mineral oil is also known as Paraffin.
8. A is the type of blood which is universal donor.
9. PH is the abbreviation for Isophane Insulin.
10. 500mg is the usual single adult dose for Amoxicillin.
11. Propylthiouracil is an example on an antithyroid drug.
12. Discofen is a trade name for Diclofenac.
13. Clavonam is a trade name for Amoxicillin + Potassium clavulante.
14. Capoten is a trade name for Captopril.
15. Verapamil is a trade name for Verapamil.

KADME

MADE

200 chol.

الكلول
200

500mg

Verapamil

14.

11. Match the following by putting the appropriate letter in the space provided.

- 1. ~~A~~ Meperidine
- 2. ~~B~~ Tolnaftate
- 3. ~~C~~ Lidocaine
- 4. ~~D~~ Dextromethorphen
- 5. ~~E~~ Methotrexate
- 6. ~~F~~ Secobarbital
- 7. ~~G~~ Vancomycin
- 8. ~~H~~ Glibenclamide
- 9. ~~I~~ Retinol
- 10. ~~J~~ Diltiazem

- ~~A~~ cough suppressant
- B Sedative
- C Narcotic analgesic
- ~~D~~ Antibiotic
- ~~E~~ Calcium antagonist
- ~~F~~ Anti-cancer
- ~~G~~ Vitamin
- ~~H~~ Antifungal
- ~~I~~ Antidiabetic
- J Antiarrhythmic
- ~~K~~ Antihistaminic
- ~~L~~ Antiviral

111. Encircle the correct answer in the following multiple choice question.

1. The average life of a red blood cell is about:-

- a. 7 days.
- b. 3 weeks.
- c. 2 months.
- d. 4 months.

$$\frac{120}{30} = 4 \text{ months}$$

2. The antidiuretic hormone is secreted from:-

- a. Kidney cortex.
- b. Anterior pituitary.
- c. Posterior pituitary.
- d. None of these.

3. Which of the following is anthelmintic?

- a. Pyrantel pamoate
- b. Mebendazole
- c. Niclosamide
- d. All of the above

4. Prazosin is indicated in the treatment of:-

- a. Diabetes.
- b. Cancer.
- c. Edema.
- d. Hypertension.

5. Which of the following is antiarrhythmic drug?

- a. Procainamide
- b. Mexiletine.
- c. Quinidine.
- d. All of the above.

6. Amoxicillin when taken with food, its absorption is:-

- a. Delayed.
- b. Increased.
- c. Decreased.
- d. Not absorbed.

11. Match the following by putting the appropriate letter in the space provided.

1. ~~Chlorpheniramine~~ Chlorpheniramine
2. ~~Tolnaftate~~
3. ~~Lidocaine~~
4. ~~Dextromethorphan~~
5. ~~Methocarbamol~~
6. ~~Ascorbic acid~~ Ascorbic acid
7. ~~Vancomycin~~
8. ~~Glibenclamide~~
9. ~~Retinol~~
10. ~~Diltiazem~~

- ~~Cough suppressant~~
- ~~Sedative~~
- C. Narcotic analgesic
- ~~Antibiotic~~
- ~~Calcium antagonist~~
- ~~Anti-cancer~~
- ~~Vitamin~~
- ~~Antifungal~~
- Antidiabetic
- Antiarrhythmic
- ~~Antihistaminic~~
- ~~Antiviral~~

111. Encircle the correct answer in the following multiple choice question.

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- b. Increased
- c. Decreased
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14. Encircle the correct answer in the following multiple choice questions.

1. Folic acid belongs to:-
a. Vitamin A group.
b. Ascorbic acid group.
c. Vitamin B group.
d. None of the above.

2. Which of the following belongs to the penicillin antibiotics?
a. Nystatin.
b. Amikacin.
c. Nitrofurantoin.
d. Carbenicillin.

3. Which of the following is a potassium sparing diuretic? K^+
a. Triamterene.
b. Spironolactone.
c. Amiloride.
d. All of the above.

4. The single average adult dose for pethidine is:-
a. 10 - 20mg.
b. 50 - 100mg.
c. 0.5 - 1mg.
d. 0.5 - 1gm.

5. Vitamin K is used as an:-
a. Antidote for Heparin. \rightarrow protamin sulfate
b. Antidote for bleeding.
c. Antidote for oral anticoagulants. \rightarrow Coumatin
d. All of the above.

6. The Roman numeral for sixteen is:-
a. XIV.
b. XVI.
c. XIX.
d. 16.

7. The total blood volume of the human body is:-
a. 2 - 4% of body weight.
b. 15 - 20% of body weight.
c. 7 - 8% of body weight.
d. None of the above.

8. Penicillins exert their action by:-
a. Interference in protein synthesis.
b. Interference with metabolic step essential to survival of microorganism.
c. Interference with the biosynthesis of bacterial cell wall.
d. None of the above.

total bld. volume = (7-8)% body wt.

$(7-8)\% \cdot (1-4) = \dots$

$\frac{16}{XVI}$

9. Acetylsalicylic acid has which of the following effects:-
a. Anti-inflammatory.
b. Analgesic.
c. Anti-pyretic.
⑩ All of the above.

10. In a healthy person the normal pH of the blood is:-
⑩ 7.4
b. 6
c. 8
d. 5
(7.4 alkali)

11. Naproxen is used in treating:-
a. Arthritis.
b. Mild to moderate pain.
c. Acute gout.
⑩ All of the above.

12. Which of the following is not antifungal?
a. Amphotericin B.
b. Micazazole.
c. Griseofulvin.
⑩ Mebendazole → anti-helminthic

mebendazole = antiprotzoal

13. An organic chemical that has a fruity smell is a:-
⑩ Ester.
b. Ketone.
c. Aldehyde.
d. Alcohol.

ester = fruity
عطر لذيذ
ester me

14. The most commonly used drugs to relief nasal congestion are the:-
a. Cholinergic drugs.
b. Anticholinergic drugs.
⑩ Adrenergic drugs.
d. Alpha Blockers.

15. Beta-Blockers exert which of the following side effects:-
a. Bradycardia.
b. Bronchospasm.
c. Cold extremities.
⑩ All of the above.

16. Tocopherol is a:-
a. Hormone.
b. Mineral.
⑩ Vitamin.
d. Bipe salt.

17. Propoxyphene napsylate is used as:

- a. Antitussive.
- b. Anti-inflammatory.
- c. Antipyretic.
- d. Analgesic.

18. Which of the following is not glycoside?

- a. Sennoside A.
- b. Srophanthin.
- c. Cannabinone.
- d. Digoxin.

القنب برون
glycoside.

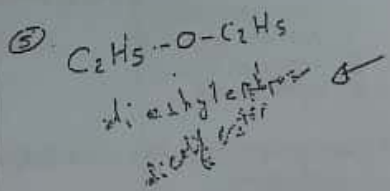
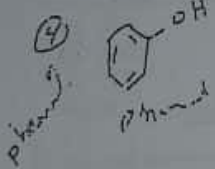
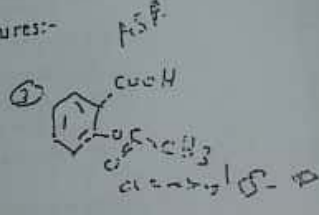
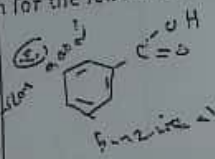
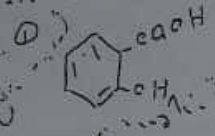
19. Adrenergic drugs:

- a. Decrease the heart rate.
- b. Constricts the pupils of the eye.
- c. Constricts the bronchi.
- d. Constricts blood vessels.

20. All Barbiturates excluding phenobarbital are metabolized in the:-

- a. Stomach.
- b. Liver.
- c. Brain.
- d. Gallbladder.

IV. Give the names in English for the following structures:-



VII. Give trade names for the following generics:-

- 1. Salbutamol. *Vibron*
- 2. Ofloxacin. *Ultracin - Tarich - Tarivin*
- ③ Nitroglycerine transdermal patch.
- 4. Diltiazem. *Cardiatem*
- ⑤ Pentazocine. *X*

diastal [®] atropine + alphenoxylate.

GOOD LUCK

- 19.---- Penicillins and cephalosporins are chemically related. ←
 20.---- Cortisone can be used as an immuno suppressant drug.

III. Encircle the correct answer in the following multiple choice questions:-

1. which of the following is a Xanthine?
 a. Diazepam
 b. Theobromine
 c. Nicotine
 d. Methicillin

2. which of the following blood groups is a universal donor?
 a. A
 b. AB
 c. B
 d. O

3. The antidote for Folidole poisoning is :-
 a. Strychnine
 b. Prustigmine
 c. Atropine
 d. Ergotamine

Solanaceae

4. Atropa belladonna belongs to the Family :-
 a. Compositae
 b. Liliaceae
 c. Rutaceae
 d. Solanaceae

5. which is not true about Ampicillin and Amoxycillin?
 a. Both are penicillins
 b. Both are used by injection
 c. one is given 9.6hrs + one g. 8 hrs
 d. One is absorbed better than the other

6. which is not true about Aspirin and Paracetamol?
 a. Both are analgesics
 b. Both are antipyretics
 c. Both are antirheumatics
 d. One of them is antiplatelet

7. Human Insulin is prepared
 a. From Beef
 b. From Human
 c. From Prok
 d. None of the above

8. which of the following is penicillinase resistant?
 a. Amoxycillin
 b. Penicillin Benzathine
 c. Phenoxymethyl penicillin
 d. Cloxacillin

9. Lead poisoning is treated by :-
 a. Dimercaprol
 b. Penicillamine
 c. Edetate calcium - Di - sodium EDT
 d. By all the above

10. Which of the following is anti-amebic?
 a. Paromomycin
 b. Erythromycin
 c. Emeline
 d. All the above

aminogly. c.
 macrol. d.

11. Which of the following is anthelmintic?
 a. Mebendazole
 b. Pyrantal pamoate
 c. Niclosamide
 d. Ketoconazole

anti-fungal

Paromomycin

Pb
 Cu
 Fe: Beefenol
 Aspirin → dicor +
 Oral pa

Lesheutan.

13. A rich source of Vitamin A is:

- a) Lean meat
- b) Bread
- c) Liver
- d) Poultry
- e) Fish liver oils

14. Amyl nitrate is usually administered:-

- a) by inhalation
- b) sublingually
- c) C.I.M
- d) I.V.
- e) Rectally

15. Anabuse is used to treat:

- a) diabetes
- b) cholera
- c) alcoholism
- d) mumps
- e) parkinsons

16. Which of the following is contrindicated with MAO inhibitors?

- a) milk
- b) cheese
- c) meats
- d) fish
- e) none of the above

17. Which of the following is an expectorant agent?

- a) Codeine
- b) Dextromethorphan
- c) Glycereine
- d) Cherry syrup
- e) Glycerol guaiacolate

18. How many ml of a 5% stock solution should be used to prepare 4 fluid ounces of a 1:200 solution?

- a) 48ml
- b) 10ml
- c) 4ml
- d) 1.2ml
- e) 12ml

19. -12°C is equivalent to ?°F

- a) 36°F
- b) 12°F
- c) 10.4°F
- d) 5°F
- e) 2°F

guaiacolate
guanafeine
expectorant

$C \times \frac{9}{5} - 32$

$\frac{42 - 12}{9} \times 5$

$-12 \times \frac{9}{5} + 32$

$\frac{-12 \times 9}{5} + 32$

$C = F - 32 \times \frac{5}{9}$

$-12 = F - 32$

20. Which is not a natural Alk
 a) Ergometrine
 b) Scopolamine
 c) Papaverine
 d) Lobeline
 e) Morphine

21. N. Acetylmethamphetamine
 a) Analgesic
 b) Antihistamine
 c) Antipyretic

20. Which is not a natural Alkaloid?

- a) Ergotamine
- b) Scopolamine
- c) Papaverine
- d) Lobeline
- e) Apomorphine

21. N-Acetylcysteine is classified as:-

- a) Analgesic
- b) Antitussive
- c) Enzyme
- d) Antitubercular
- e) mycolytic

22. Methanol may cause:-

- a) Deafness
- b) Tetany
- c) Delirium
- d) Gastritis
- e) Blindness

23. The average digitalizing dose of digoxin is:-

- a) 1.0gm
- b) 1.0mg
- c) 10.0gm
- d) 0.1gm
- e) 1.0 grain

24. Epinephrine Hcl is used intravenously in concentration of:-

- a) 1:100
- b) 1:1000
- c) 2%
- d) 5%
- e) 10%

25. Which of the following drugs requires repeated prothrombin time tests during its administration?

- a) Heparin
- b) Quinidine
- c) Dicumarol
- d) Protamine
- e) Digoxin

26. Pilocarpine would produce which of the following:-

- a) mydriasis
- b) cycloplegia
- c) tachycardia
- d) bleeding
- e) constriction of pupil of the eye (miosis)

27. Acetylcholine has both muscarinic and nicotinic actions. the muscarinic action can be blocked by:-

- a) Adrenaline
- b) Atropine ✓
- c) Nicotine
- d) Curare
- e) Nicotine and curare

28. Parkinsonism is probably due to:- or PAch

- a) Too little dopamine in the brain ✓
- b) Too little levodopa in the brain
- c) Too little acetylcholine in the brain
- d) Too much levodopa in the brain
- e) Too much dopamine in the brain

29. The usual dosage schedule of thiazide diuretics is:

- a) Q. 4hrs.
- b) Q.i.d.
- c) T.i.d.
- d) Weekly
- e) Once daily ✓

30. Which of the following drugs lower blood lipids:-

- a) Coumarin
- b) Gemfibrozil ✓
- c) Carbamazepine
- d) Propranolol
- e) Flucytosine

31. Spure hydrolyzes to:

- a) Glucose
- b) Glucose + Galactose
- c) Glucose + Lactose
- d) Glucose + Mannose
- e) Glucose + Fructose ✓

Sucrose : glu + fru
Lactose : glu + gal
Fructose : glu + ribose

32. The average life of a Red Blood Cell is about:

- a) 7 days
- b) 14 days
- c) 21 days
- d) 1 to 2 months
- e) 4 months ✓

33. In man, the principle end product of purine metabolism is:-

- a) Nitrogen
- b) Ammonia
- c) Uric Acid ✓
- d) Urea
- e) None of these

Protect from light →

47. Oto and nephro toxicity is a side effect for
 a- Cloxan b- Cephadrox c- Erythromycine d- Zetamycin

aminoglycoside
 Gentamycine drop - in
 amputant

48. The abbreviation b.i.d in prescription stands for
 a- before meals b- before noon c- between meals d- twice daily

49. How many milliliters of 95% alcohol are required to prepare 600 ml of 60% alcohol.

a- 360 b- 342 c- 570 d- 379

$C_1 V_1 = C_2 V_2$

$95 \times ml = 600 \times 60$
 $95 \times = 36000$
 $\times = 379$

50. The term (Protect from light) indicates:

- a- Dark place
- b- Amber glass bottle
- c- Tight glass bottle
- d- Light resistant container

51. Which of the following trade names is related to Metronidazole?

- a- Oramine[®] anti vomiting
- b- Hudu[®] diphenhydramine sedative and - histaminic sleepiness
- c- Lorax[®] Lorazepam
- d- Flagyl[®]
- e- Celax[®] cefaclor

Flagyl → metrazol
 Entogyl

52. All optically active compounds

- a- Decompose in strong light
- b- Undergo photochemical reactions
- c- Contain a centre or plane of asymmetry
- d- Contain a double bond
- e- Racemize in solution

Entameba Gardia
 trichomonas vaginalis

AGE
 Flagyl
 OPS
 Sulprim

53. Which of the following is contraindicated with MAO inhibitors:

- a- Meat
- b- Fish
- c- Eggs
- d- White cheese
- e- Processed cheese

Ripen fruits
 also lead to tyramine

cheese Tyramine

acute gastro enteritis AGE

54. Which of the following is a nasal decongestant?

- a- Piperazine
- b- Phenylphrine
- c- Isoproterenol
- d- Hydrocodeine

Boqonid

ciprofloxacin
 cottage cheese

55. Paraffin oil is commonly used to treat:

- a- Constipation
- b- Constipation
- c- Gastric upset
- d- Vomiting
- e- Diarrhea

crystal urea

56. Crystal urea is a side effect for which of the following:
 a- Neomycin

~~227~~

AL-AZHAR Univ.
Coll. of Pharmacy

Pharmacy Training
FINAL EXAM.

Time: 1 1/2 hr.
Date: 16/09/2007

الاسم: _____

(60 pts)

Please choose the correct answer:

Medications that should be avoided by a mother who breast-feeding include all the following EXCEPT:

- a- Narcotics.
- c- Diazepam.
- d- Acetaminophen.

- b- Barbiturates.
- d- Alcohol.

The route of drug administration that is considered to provide complete bioavailability is

- a- Intramuscular injection.
- c- Intradermal injection.
- d- Subcutaneous injection.

- b- Intravenous injection.
- d- Oral administration.

Which of the following insulins can be administered intravenously?

- a- Regular insulin.
- c- Protamine zinc insulin (PZI).

- b- Isophane insulin (NPH).
- d- Semilente insulin.

Treatment of hypoglycemic coma is achieved by the administration of:

- a- Glucose 50% 20-100 ml I.V.
- c- Glucagon 1 mg I.V.

- b- Adrenalin 0.5-1.0 mg
- d- All of them.

Opioids are used as all of the following agents EXCEPT

- a- Antitussive.
- c- Preanesthetics medications.

- b- Analgesics.
- d- Antidiarrheal.

The ideal concentration of ethyl alcohol as antiseptic is:

- a- 90%.
- c- 50%.

- b- 70%.
- d- 96%.

Which of the following drugs are a cumulative drug?

- a- Digitalis.
- c- Aspirin.

- b- Adrenaline.
- d- Penicillin.

Which of the following used anticancer drug?

- a- Methotrexate.
- c- Vinca alkaloids.

- b- 5-Fluorouracil.
- d- All of them.

Pentasa, Rafassa, Sulfasalazine (prodrug) flora, 5 (amino) Sal

بسم الله الرحمن الرحيم
هدى محمد صبحي طه

المستقر الرابع
امتحانات تدريب

Plant rejection
9. The term "Keep
(temperature)
a- 10
c- 10

plant rejection ^{منع الرفض}
 ex - cyclosporine
 - Azathioprine
 - Glucocorticosteroid

celitis = AIDS

anti-allergic / histamine
 - shock
 - anti-inflamm
 immune suppressant

9. The term "Keep in cool place" means that the drug should be stored at (temperature).
 a- -10 degree centigrade.
 b- 8-15 degree centigrade
 c- 2-8 degree centigrade.
 d- 15-25 degree centigrade.

10- The HLB system is most applicable for the classification of which surfactant?
 a- Anionic.
 b- Cationic.
 c- Amphoteric.
 d- Nonionic.

cold: 2-8
 cool: 8-15
 RT: 15-25

11- The usual storage condition specified for biological material is
 a- 8-15 C°
 b- Room Temperature.
 c- Below 2 C°
 d- 2-8 C° cold
 e- 0-25 C°

في الثلاجة
 العريضة (Insulin)

12- Which of these bases is used for preparing suppositories in hot climate?
 a- Cocoa butter
 b- Beeswax
 c- Hard fat
 d- Glycerin
 e- PEG

polymer
 PEG

13- In which case can you give the recipe?
 a- when there is no date on the recipe
 b- when the recipe is false
 c- If the drug is contra indicated
 d- When there are two drugs between which there is interaction
 e- When there is a date and a doctor signature.

14- Adrenalin and nor adrenalin can be used as
 a- Anti hypotonic
 b- Rhinologic
 c- Anti-allergic
 d- Broncholytic
 e- Anti inflammatory

nasal decongestant
 bronchomimetic

15- Which of these drugs doesn't belong to antitussive? dry cough
 a- Codeine phosphate
 b- Triamteren
 c- Clbutinol
 d- Dextromethorphan

spasming
 decongestant
 antitussive

dinitro - K. spaine oxanomazine
 oxalamine

6. The following drug is used for injection in shock or collapse

- a. dicyclanil
- b. adrenaline
- c. verapamil
- d. nifedipen
- e. metamizol

adrenaline is B agonist only in shock.

injects for shock

7. Which of the following is used before eating?

- a. anti-biotic
- b. antacid
- c. hypnotic
- d. laxant
- e. gastritis agent

Antacid

Atenni - mealox
Lomudex - Bandine
Tales

8. Which of these drugs is used for malaria?

- a. Chloroquine
- b. Isoniazid
- c. Gramicidin
- d. Resorcin
- e. Thiomersal

quinone
Oral Sence

Primaquine

9. Which of the following when dispensed should carry the cautionary label:

REFRIGERATE - DO NOT FREEZE

- a. Chlorpromazine syrup
- b. Doxycycline capsules
- c. Ampicillin syrup
- d. Co-trimoxazole suspension
- e. Slow release potassium supplements

Sulfamethoxazole
Trimethoprim

Amoxicillin

20. Ophthalmic solution may contain methylcellulose as an ingredient because it

- a. Prolongs contact time
- b. reduce intraocular tension
- c. makes these solutions isotonic with tear secretions.
- d. Reduce inflammation
- e. improves the stability of aqueous solutions

PVP (lacrimol)

benzalkonium
preservative

21. Which of the following can cause discolouration of children's teeth?

- a. Sulfonamide
- b. Penicillin
- c. Erythromycin
- d. Tetracycline
- e. Chloramphenicol

crystal urea + hemolytic anemia
allergy
gastric upset
Gray's syndrome
bone marrow depression

discoloration of teeth

Hadeel

1. Write true or false for the following
1. This study of the eye system is termed as ophthalmology.
2. Nibbles
3. G
4. G

1. Write true or false for the following
1. This study of the eye system is termed as ophthalmology.
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3. G
4. G

Hadeel MJ El-khatib

المعهد الإقليمي للتدريب
لصناعة الصلابة العربية

مركز التدريب
مجمع البعثات المهنية - الدمام

ر. م. م. م.

- I. Write true or false for the following statements:
- The study of the actions and effects of drugs within a living system is termed pharmacodynamics.
 - Vincristine is of plant origin.
 - Nitrates may be used in treating congestive heart failure.
 - Aminophylline is about 80-85% theophylline by weight.
 - Glucocorticoids can be used for the treatment of Asthma.
 - Insulin is normally secreted by the alpha cells of the pancreas.
 - Paracetamol is a local anesthetic.
 - Calcium channel blocking drugs have a use in treating angina pectoris.
 - Pivoxillin is a penicillinase resistant penicillin.
 - The fourth generation is the latest generation for the Cephalosporin antibiotics.
 - Ampicillin, Amoxicillin, Nafcillin and piperacillin are all penicillin preparations.
 - Praziquantel is the drug of choice to treat malaria.
 - Pethidine is an alkaloid of plant origin.
 - Cassia acutifolia is the species of Senna.
 - The chief constituent of Calabar seeds is physostigmine.
 - P.M. is the abbreviation for afternoon.
 - Aspirin increase the effect of oral anticoagulants.
 - Potassium loss increases digoxin toxicity.
 - Most anti-inflammatory drugs are antiprostaglandins.
 - H₁ antihistamine drugs exert their effect by competing with histamine.

II. Put the sign (✓) before the correct answer in the following multiple choice questions (N.B: one answer is correct).

- Thiopental is administered via the following route:
a. Oral.
b. Venous injection. ✓
c. Inhalation.
d. Subcutaneous.
- The average blood volume in a normal adult is 5000ml. The usual plasma value is:
a. 1250ml.
b. 3000ml. ✓
c. 5000ml.
d. 7500ml.

ب. م. م.

Training Exam for Pharmacy Training

Choose the Correct Answer

1. Which of the following is nasal decongestant?

- a. Piperazine.
- b. Diphenhydramine.
- c. Phenylprine.
- d. Isoproterenol.
- e. Hydrocodone.

2. Which of the following is contraindicated with MAO inhibitors:

- a. Meat.
- b. Fish.
- c. White cheese.
- d. Eggs.

e. Processed cheese. *Tyramine + banawan (pyramin)*

3. Paraffin oil is commonly used to treat:

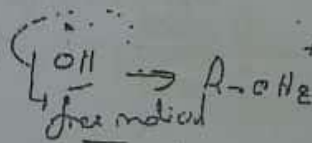
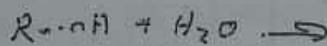
- a. Constipation.
- b. Gastric upset.
- c. Vomiting.
- d. Diarrhea.
- e. UTI

4. The abbreviation (ac) in prescription stands for:

- a. Three times daily.
- b. After meal.
- c. Before meal.
- d. Two times daily.

5. The ideal antiseptic concentration of ethylalcohol is:

- a. 100%
- b. 95%
- c. 75%
- d. 70%
- e. 50%



↳ epoxide form

6. Which from the following is NOT antiplatelet drug:

- a. Digoxin
- b. Aspirin (100 mg) in small doses.
- c. Dextran-CHO plasma extender/substitute
- d. Dipyramide, -cardoxine forte

macioda

4. Which of the following is a cephalosporin antibiotic:

Moxalactam

b. Amikacin → aminoglycoside

c. Tobramycin

d. Bacitracin → inhibit cell wall synthesis

moxala

5. Which of the following is a calcium antagonist:-

a. Methyl dopa

b. Quinidine

Nifedipine

d. Guanethidine

6. Which of the following is not an alkaloid:-

a. Codeine

Meperidine

c. Mescaline

d. Papaverine

7. Which of the following is an aminoglycoside antibiotic?

a. Vancomycin

b. Amphotericin

Gentamycin

8. Which of the following is not an anti-inflammatory drug?

a. Aspirin

b. Diflunisal

Paracetamol

d. Ibuprofen

9. Which of the following is not an antiarrhythmic drug?

a. Lidocaine

b. Amiodarone

c. Procainamide

Dopamine

10. Which of the following is a monamine oxidase inhibitor? Phencizine

a. Desipramine

b. Imipramine

Phencizine

d. Amoxapine

anti-hist

heavy

120 mg

IV. Fill in the following blanks:-

1. ~~72~~ the average pulse rate per minute for a human adult male.

2. ~~ranitidine~~ and ~~cimetidine~~ are two H₂ receptor antagonist and their indication in the treatment of ~~peptic ulcer~~.

~~ADH~~ 3. Diabetes insipidus is treated by ~~vasopressin~~ anti-diuretic drug

4. ~~nicotinic~~ is a non-antibiotic antifungal drug

5. Digoxin is used to treat ~~congestive heart failure~~. CHF

6. ~~carbidopa~~ is a drug used in treating parkinson's disease. levodopa

7. ~~ethambutol~~ is an antitubercular other than PAS and streptomycin. ethambutol

8. ~~hydrocortisone~~ is a drug used in Addison's disease.

6. The preferred specific treatment for manic-depressive disorder is:

- Calcium carbonate
- Potassium carbonate
- Lithium carbonate
- Sodium carbonate

7. Domamine is a:

- Anticholinergic
- Cholinergic
- Antihistamine
- Catecholamine

8. Alkylating agents are used in the treatment of:

- Diabetes
- Cancer
- Hypertension
- Epilepsy

alkylating agents
↓
Cancer

9. The side effects commonly associated with the magnesium hydroxide antacids:

- Nervousness
- Constipation
- Diarrhea
- Dry mouth

10. Streptokinase acts in the body to:

- Helps clot formation
- Prevents clot formation
- Dissolves clots
- None of the above

Fibrinolytics

11. Naproxen is classified under:

- Anti-inflammatory
- Anti-arrhythmic
- Antibiotic
- Antiseptic

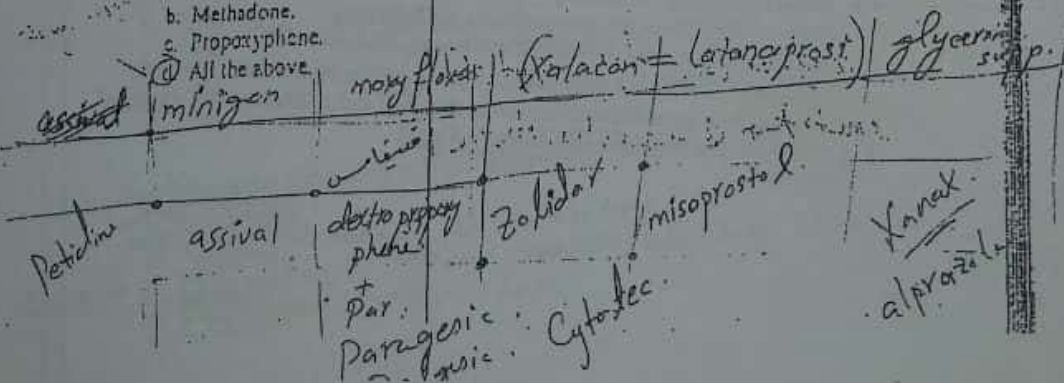
lorazepam
lorazepam
Clonazepam
Aclonazepam
Rogaine

12. 1000 micrograms is equivalent to:

- 1mg
- 0.1mg
- 0.01mg
- None of the above

13. Which of the following is controlled drug? ^{sedative hypnotic}

- Codeine
- Methadone
- Propoxyphene
- All the above



Store in cool place means that the drug
a. The refrigerator 2-8°C
b. Temperature between 10-15°C
c. Room temperature 15-25°C
d. The freezer

Normal saline solution
a. Sodium bicarbonate
b. Sodium chloride
c. Potassium chloride
d. Potassium bicarbonate

7. Store in cool place means that the drug must be stored in:

- a. The refrigerator 2-8
- b. Temperature between -10 & 2°C
- c. Room temperature, 14-25°C
- d. The freezer, not below -10°C

8. Normal saline solution consist of:

- a. Sodium bicarbonate.
- b. Sodium chloride.
- c. Potassium bicarbonate.
- d. Potassium chloride.

9. Lasix® is a potent drug for treatment of:

- a. Status epileptic.
- b. Glaucoma.
- c. Edema.
- d. Diabetes mellitus.
- e. All of the above.

10. Which of the following statements is correct about Metformin:

- a. It is used as hypoglycemic drug.
- b. It is used as antihistaminic drug.
- c. It is used as hyperglycemic drug.
- d. It is estrogen analoug drug.
- e. Non of the above.

HADDOOL

1.1 cc C. IncoPhage
Metformin
diabetes
diabetes
diabetes

14. According to the liver, the area of a plasmidocyte must not be less than:-
a. 40 square meters.
b. 60 square meters.
c. 32 square meters. 75 m^2
d. None of the above.

15. All antidotes for Heparin overdosage is:-
a. Vitamin K.
b. Atropine.
c. Protamine sulfate.
d. All the above.

16. Which of the following is an antihistaminic?
a. Triprolidine hydrochloride.
b. Fenethazine.
c. Chlorpheniramine maleate.
d. All of the above.

17. Which of the following is an osmotic diuretic?
a. Furosemide.
b. Polythiazide.
c. Mannitol.
d. Ethacrynic acid.

18. Which of the following is not antifungal agent?
a. Griseofulvin.
b. Nystatin.
c. Clotrimazole.
d. Metronidazole. \rightarrow antiprotozoal

19. Which of the following is an aminoglycoside antibiotic?
a. Tobramycin.
b. Bacitracin.
c. Vancomycin.
d. Colistin.

20. Which of the following is a nasal decongestant?
a. Piperazine.
b. Diphenhydramine.
c. Phenylephrine.
d. Isoproterenol.

VI. Fill in the following blanks:-

1. The latin word for سكر عنبية is St. pumilio.

2. The latin word for potassium is _____.

3. The Roman numeral for nine is IX.

4. One gram of fat has a heat value of _____ calories.

5. (Pseudomembranous colitis) is a serious side effect which might be induced by certain type or class of antibiotic as clindamycin.

6. The single adult dose for Pethidine ranges _____.

7. Another name for glucose is _____.

3. Which of the following is a drug for peripheral occlusive arterial disease that also relaxes the uterus?

- a. Nifedipine
- b. Erythryl tetranitrate
- c. Isosorbide dinitrate
- d. Cycloandelate

4. Streptokinase acts in the body to:

- a. Destroy red blood cells.
- b. Prevent clot formation.
- c. Control any hemorrhagic situation.
- d. Dissolve existing clots.

5. A person who is allergic to sulfa drugs may also be allergic to:

- a. Acetaminophen.
- b. Digoxin.
- c. Hydrochlorothiazide.
- d. Tetracycline.

6. Which of the following agents is considered the most effective and common agent in liquefying respiratory secretions?

- a. Atropine.
- b. Water.
- c. Potassium iodide.
- d. Ammonium chloride.

7. The side effects commonly associated with the aluminium hydroxide Antacids:

- a. Alkalosis.
- b. Diarrhea.
- c. Nervousness.
- d. Constipation.

8. Beta adrenergic blockers important to cardiac functioning are those which block:

- a. Beta1 receptors.
- b. Beta2 receptors.
- c. Beta3 receptors.
- d. Beta4 receptors.

(B, blocker = bradycardia)

9. Ciprofloxacin is an antibiotic that belongs to the:

- a. Penicillins.
- b. Tetracyclines.
- c. Cephalosporins.
- d. Quinolons.

10. Which of the blood types is a universal acceptor?

- a. A
- b. B
- c. AB
- d. O

- all the above are used to give active immunity against ~~...~~ *Poliovirus, Diphtheria*
11. Triple vaccine is used to give active immunity against ~~...~~
 12. ~~...~~ & ~~...~~ are two local anesthetic drugs.
 13. While ~~...~~ & ~~...~~ are two local anaesthetics.
 14. ~~...~~ is a tricyclic antidepressant drug.
 15. ~~...~~ is the longest acting penicillin. *Benzathine penicillin*
 16. ~~...~~ is the shortest acting Insulin. *Insulin*
 17. ~~...~~ is the long acting Insulin. *Insulin*
 18. ~~...~~ is an antibiotic which cannot be given with antacids and milk. *Tagamet*
 19. Cimetidine is the generic name for the drug ~~...~~ *Tagamet*
 20. ~~...~~ is a trade name for Chlorpromazine.
 21. ~~...~~ is an antihistaminic drug.
 22. The single dose for ~~...~~ are two common side effects for ~~...~~ other than allergy, nausea and vomiting.
 23. ~~...~~ is an anticholinergic drug while ~~...~~ is an adrenergic drug other than adrenaline.
 24. ~~...~~ is the alkaloid of ~~...~~
 25. ~~...~~ is another name for ~~...~~ *dextrose*

III. Put the sign (✓) before the correct sentence or word in the following Multiple choice questions. N.B. in every question, one answer is correct.

1. Barium sulfate is a contrast diagnostic agent used in:
 - a- Angiography
 - b- Bronchography
 - c- Cholecystography
 - ✓ d- Visualization
2. A very common side effect of Opioids (opium drugs)
 - a- Allergic response
 - b- Blood dyscrasias
 - ✓ c- Constipation
 - d- Liver damage
3. The Barbiturates are widely used as:
 - a- Analgesics
 - ✓ b- Sedatives and hypnotics
 - c- Hypotensives
 - d- Central stimulation
4. Colchicine is the drug of choice in:
 - a- rheumatic fever
 - b- rheumatic arthritis
 - c- leukemia
 - ✓ d- acute gout

Polibar ✓
 + Chlorprocaine
 + Lidocaine
 * Esraccaine

5. Lugol's solution is used as:
- a- Antiseptic
 - b- Antithyroid
 - c- Antispasmodic
 - d- Antiepileptic

6. One specific side effect for Epanutine or phenylhydantoin is: phenylism
- a- cardiac failure
 - b- hypotension
 - c- hypernatremia
 - d- gingival hyperplasia

7. Which of the following is not an inhalation anaesthetic?
- a- Ether
 - b- Cyclopropane
 - c- Halothane
 - d- Pentothal - thiopentone

8. The ideal antiseptic concentration of Ethyl alcohol is:
- a- 96%
 - b- 50%
 - c- 70%
 - d- 90%

9. Which of the following can cause discoloration of the teeth?
- a- Chloromycetin
 - b- Penicillin
 - c- Tetracycline
 - d- Kanamycin

10. A 20 volume hydrogen peroxide corresponds to:
- a- 3% by weight
 - b- 20% by weight
 - c- 6% by weight
 - d- 100% weight

11. Mono-amine-oxidase inhibitors dangerous reactions when used along with:
- a- Codeine
 - b- Vitamins
 - c- Tyramine
 - d- None of the above

12. Eugenol is obtained from: Eugenia
- a- Peppermint
 - b- Rosemary
 - c- Clove oil
 - d- None of the above

سؤال 5

Inhalation

anaesthetic ?

- I.V
- Ketamine
- Midazolam
- Propofol
- Pentothal
- thiopentone

KMPPT

بنتال

$$10 = \frac{20}{100} \times 100$$

$$20 \text{ mL} : X \%$$

$$10 \text{ mL} : 3 \%$$

$$\frac{60}{10} = 6 \%$$

بنتال

Pentaine

Propofol

thiopentone

Ketamine

Midazolam

What is meant by the word 'Pharmacy'?

Pharmacy is a Latin word which means 'doctor through which the doctor's art is practiced'.

- In most countries, doctors must be present in every pharmacy.
- In addition to the doctor's supervision, the pharmacist is responsible for the safe and effective use of drugs.

متى خاض
كلية الصيدلة
شريف ميدان

عاده محمد عبد الواحد

Hadee El-khabib

- What is meant by the word "recipe" (R)?
- ① Recipe is a Latin word which means "take or get the medicine"
 - ② Recipe (praeceptum) the recipe is written form from the doctor through which the patient is given the medicine by the pharmacist
 - ③ Recipe must be prepared in the pharmacy
 - ④ In most countries the recipe is written in Latin
 - ⑤ In addition to the medicine there should be: the date, the address, and the doctor's signature
 - ⑥ Generally these recipes have a printed form
 - ⑦ If the printed forms of the recipes are not available, any piece of paper can be used on which the date, the address, the medicine and the signature of doctor are written.

كوه

Sometimes pharmacists misunderstand the recipe because of:

① Similarity in the writing of trade names of different kinds of medicine. As for example:
 Mixofur ®, mixopen ® (Misreading)
 Enzynorm ®, Euglucon and Eugynan ®

To avoid such problems numbers and letters have been added to the trade name such as Euglucon® 5, Euglucon® N, Eugynan® 21.
 This was not enough to solve the problem, so some suffixes (-forte, retard, depot) as Adalat® retard, and prefixes have been added to the trade name

② The numbers mentioned after the trade name may cause confusion in the way. "Valtaren 50". Here it is not clear whether 25 mg 50 pieces or 50 mg 20 pieces.

Interaction

- Group I - always check your information.
 Anticoagulants, antiepileptic, antiarrhythmica, Cytostatica
- Group II: "must be kept by heart"
 Antibiotic - bacteriostatic + bactericid
 Tetracycline - Ca⁺⁺, Mg⁺⁺, Al⁺⁺⁺
- Lithium - saluretica
 Cimetiden - Benzodiazepine, Lidocaine
- Group III:-
 Affect the normal state of absorption and excretion e.g.: Alcohol, Coffin, Nicotine, Food, Antacid, and Laxative.

Piprasine anticholinerg

Contraindication
 [Allergy, pregnancy]

As for example Aspirin (ASA) is contraindicated by ulcer, asthma, the last three months in pregnancy.

Handwritten notes and symbols at the bottom left corner.

HbA1c : for 3 months
 Fasting B.G : < 110 normal
 110-126 prediabetic
 > 126 diabetic

- 57- Current criteria used in the diagnosis of diabetes mellitus EXCEPT:
- a- Fasting hyperglycemia ✓
 - b- Polyuria
 - c- Polydipsia
 - d- Weight gain ✓
 - e- Weight loss

- 58- Which of the following trade names is related to Omeprazole?
- a- Furamix ✓
 - b- Marial ✓
 - c- Famodil ✓
 - d- Mepral ✓
 - e- b and d are correct ✓

- 59- Which of the following statement is correct about Metformin?
- a- It is used as hypoglycemic drug ✓
 - b- It is used as antihistaminic drug X
 - c- It is used as hyperglycemic drug X
 - d- It is estrogen analogue X
 - e- None of the above is correct X

- 60- The following drug is related to Deralin?
- a- Timolol
 - b- Celecoxib
 - c- Propranolol ✓
 - d- Diltiazem
 - e- Doxycycline

Pepticum
 Prosaik
 Mepral
 Marial
 Locid
 جلايس
 Biguanide
 جلايس
 جلايس

propranolol
 * anti-HTN
 * anti-anginal
 * Migraine prophylaxis
 pheochromocytoma
 Theobrominosis
 جلايس

F.B.G

	normal	Prediabetic	Diabetic
* F.B.G upto	upto 110 g/dl	110-126 g/dl	> 126 g/dl
* Random glucose fasting	upto 140 g/dl	140-200 g/dl	> 200 g/dl

GOOD LUCK ↓

non-pharm.
 - (Life style)
 diet
 exercise
 repeat check

non-pharm.
 - pharmac
 total hypoglycemia
 * insulin
 metformin

جلايس
 جلايس
 جلايس

"ad"

Cold cream is w/o emulsion

29) Cold cream is an example of:

- a) Suspension
- b) O/W emulsion
- c) W/O emulsion
- d) O/W/O emulsion

Vanishing Cream o/w

30) When written on a prescription blank, the letters "ad" stands for:

- a) as directed.
- b) up to.
- c) distilled water.
- d) before dinner.
- e) after dinner.

up to

31) Which of the following is NOT required to be on a prescription form?

- a) Patient's date of birth.
- b) Patient's name.
- c) Medication name.
- d) Directions for use.
- e) Prescriber's name.

العمر
الاسم
الدواء
الطبيب

Atropine + miosis
Atropine + mydriasis

32) This drug can be used to treat glaucoma...

- A. Furosemide (Lasix)
- B. Acetazolamide (Diamox)
- C. Both of the above
- D. Neither of the above

Acetazolamide
Lamprol + acetazolamide

33) A plant that is used to produce a compound for the treatment of congestive heart failure:

- A) Datura stramonium
- B) Digitalis purpurea
- C) Claviceps purpurea
- D) Cola nitida
- E) None of the above

↑ contractility

LHF → Pulmonary edema + Lasix

Garlic

↑ T.G. + triglycerides

- 34) Garlic is used to:
 - a) reduce serum cholesterol and triglycerides
 - b) effect the brain causing lack of interest in fatty foods
 - c) cause diuresis
 - d) cause emesis
 - e) none of the above

Garlic ↓ cholesterol

RHF → congestive of liver & spleen - ascites - peripheral edema

35) To treat nausea and vomiting in pregnancy which is the drug of choice,

- a) antihistaminic drug Meclizine HCl
- b) antihistaminic drug Cimetidine
- c) antihistaminic drug Dimenhydrinate
- d) antidopaminergic drug Metoclopramide
- e) dopamin agonist levodopa

Paravamine Avacozine + Costigen 86

Tetracycline

36) What is wrong about Antacids,

- a) aluminium-, calcium- and magnesium salt
- b) are buffering agents
- c) prevent the secretion of HCl in stomach
- d) reduce the absorption of drugs like iron and tetracycline

لا تمنع حموضة المعدة
ولذلك لا يمتص

antacid

1. bromhexin → dissolve phlegm

37. Expectorant agent used antitough syrup is,
 a) pseudoephedrine HCl
 b) triprolidine HCl
 c) bromhexine HCl

b) guaifenesin → Tuss-Loan
 d) codeine phosphate → anti-tussive

38. Which of the following can cause bronchospasm
 a) selective β_2 -agonist e.g salbutamol
 b) corticosteroide e.g fluticasone
 c) xanthine e.g amiophylline and theophylline
 d) mast cell stabiliser e.g cromoglycate
 e) nonselective β blocker e.g propranolol

Hypprinol →
 hydroglycol →
 short →
 sublingual →
 long →

39. In emergency situation of hypertension, the diuretic of choice is:
 a) amiloride
 b) hydrochlorothiazide
 c) acetazolamide
 d) furosemide
 e) spirolactone

d) furosemide Lasix → rapid onset of action I.V.
 non-pharmacologic

40. To abort an angina pectoris attack, which one is taken:
 a) glyceryl trinitrate sublingual tablet
 b) nifedipine tablet
 c) verapamil S.R tablet
 d) atenolol tablet
 e) terbutaline inhalation

chest pain →
 Cordil @
 Vascar @
 Bisxam (Vig)

41. To evacuate the colon prior to X-ray what should be administered,
 a) lactulose syrup
 b) glycerine suppository
 c) plantago seeds powder
 d) senna extract
 e) magnesium sulfate

42. The centrally effective antihypertensive drug is,
 a) atenolol
 b) enalapril
 c) furosemide
 d) methyldopa
 e) nifedipine

o.d once daily
 qid
 bid
 TID

43. Which of the following is inhalation anesthetic
 a- Propofol
 b- Ketamine
 c- Thiopental
 d- Isoflurane

general → Ketalar I.V.
 Isoflurane Inh.

44. The volume of teaspoonful is equal to
 a- 10 ml
 b- 15 ml
 c- 30 ml
 d- 5 ml

45. All of the following trade names is related to Rantidine except
 a- Zantac
 b- Ramatac
 c- Renine
 d- Zinnate

46. Chloramphenicol is metabolized by humans principally by the following mechanism.
 a- Acetylation
 b- Oxidation
 c- Methylation
 d- conjugation

17. Ethacrynic acid is used primarily as a -
 a. Diuretic
 b. Laxative
 c. Anti-emetic
 d. Sedative

18. The formula for Ammonium carbonate is
 a. $NH_4 CO_3$
 b. $(NH_4)_2 CO_3$
 c. $(NH_3)_2 CO_3$
 d. $NH_3 CO_3$

19. The normal pulse rate for an adult is around
 a. 50 beats/min
 b. 92 beats/min
 c. 72 beats/min
 d. 100 beats/min

$\frac{17}{20}$
 72 beat/min

20. Starches are partially digested in the mouth by:
 a. Protease
 b. pepsin
 c. pepsinogen
 d. ptyalin

III. Give a trade name for the following generics

- 1. CONJUGATED OESTROGENS → Premarin
- 2. FINASTERIDE TABS → Propecia
- 3. BEZAFIBRATE TABS → Bezafibrate
- 4. AMITRIPTYLINE → Elavil
- 5. ISOSORBIDE MONONITRATE → Cardil monalong → anti-anginal
- 6. MEBENDAZOLE → Vermox
- 7. KETOCONAZOLE → Nizol
- 8. NALIDIXIC ACID → Negram
- 9. NORFLOXACIN → Apical
- 10. MEDROXYPROGESTERONE → Provera
- 11. NITROGLYCERINE TRANSDERMAL → Nitroderm
- 12. METFORMIN → Glucophage
- 13. BROMHEXINE → Bromhexine
- 14. TERFENADINE → Ternaline
- 15. BENZOYLPEROXIDE → Benzyl-B

IV. The following trade names are manufactures by local Palestinian pharmaceutical factories, give the generic name for each.

- 1. EMESTOP → metoprolol
- 2. FEDERAL → ...
- 3. HARMONAL → ...
- 4. GYNODAKTAZOLE → Miconazole
- 5. MEGACARE → ...
- 6. SPORINE → ...
- 7. TRJWORM → ...
- 8. TINOGYN → Tinidazole

- Bromhexine
- Solvex
- Movex
- N-acetylcysteine
- Sisan
- Carbocysteine
- mucomed

4. The boiling point of alcohol is 78°C, the corresponding

temperature in degrees Fahrenheit is:

- a. 46.
- b. 110.
- c. 172.
- d. 156.
- e. 140.

$$C = (F - 32) \times \frac{5}{9}$$
$$K = 273.15 + C$$

5. Potassium iodide in strong iodine tincture:

- a. Enters into chemical reaction.
- b. Acts as compound solvent.
- c. Increases therapeutic effect.
- d. Is active ingredient.
- e. None of the above.



6. The ideal antiseptic concentration of ethyl alcohol is:

- a. 100%.
- b. 95%.
- c. 75%.
- d. 50%.
- e. 70%

7. An antiseptic alcohol substitute for ethyl alcohol is:

- a. Butyl alcohol.
- b. Methyl alcohol.
- c. Isopropyl alcohol.
- d. Glycerol alcohol.
- e. None of the above.

8. Pyridoxine is:

- a. Vitamin B6.
- b. Vitamin B1.
- c. Vitamin D.
- d. Vitamin K.
- e. Vitamin A.

9. Which is not a natural alkaloid: meperidine

- a. Ergotamine.
- b. Atropine.
- c. Meperidine.
- d. Morphine.
- e. Cocaine.

مدرستہ ہنوز

10. Emulsions may be rendered unstable by:

- a. Addition of electrolytes.
- b. Application of heat.
- c. Application of electric current.
- d. All of the above.
- e. None of the above.

(F-32) x 5/9
15 + C

19. Which of the following can cause allergic reaction?
a. Molluscum contagiosum
b. Chlorhexidine
c. Antigenic hormones
d. Propylgallate

20. Which substances significantly contribute to fever and are believed to cause inflammation, edema, and pain at the site of body injury?
a. Prostaglandins
b. Fatty acids
c. Blood clots
d. White blood cells

21. Acetaminophen / Acetamin is a
a. Benzodiazepine
b. Thiazolidine antipsychotic
c. General anesthetic
d. Beta lactam antibiotic

22. Toxic overdose of acetaminophen causes damage to the:
a. Spleen
b. Heart
c. Kidney
d. Liver

23. A vitamin synthesized by the body is:
a. Vitamin A
b. Vitamin E
c. Thiamine
d. Vitamin D

24. Which of the following compounds is indicated for disinfectant use only?
a. Cresol
b. Hydrogen peroxide
c. Ethanol
d. Iodophors

25. The preferred specific treatment for manic-depressive disorders is:
a. Lithium carbonate
b. Sodium carbonate
c. Calcium carbonate
d. Potassium carbonate

III. Fill in the following blanks:

- The Arabic meaning for separation is التفريق.
- الإنزيمات is an example on angiotensin converting enzyme inhibitors, these are used in the treatment of ارتفاع ضغط الدم.
- Retinol is فيتامين أ.
- DNA is the abbreviation for Deoxyribonucleic acid.
- Fenugreek is the plant from which الحبة السوداء is extracted.

1. Amphotericin B
 2. Clotrimazole
 3. Fluconazole
 4. Itraconazole
 5. Nystatin
 6. Terbinafine
 7. Vincristine
 8. Vinorelbine
 9. Docetaxel
 10. Etoposide
 11. Fluorouracil
 12. Methotrexate
 13. 5-Fluorouracil
 14. Cytarabine
 15. Capecitabine
 16. Fluorouracil
 17. Leucovorin
 18. Methotrexate
 19. Fluorouracil
 20. Methotrexate

1. Amphotericin B
 2. Clotrimazole
 3. Fluconazole
 4. Itraconazole
 5. Nystatin
 6. Terbinafine
 7. Vincristine
 8. Vinorelbine
 9. Docetaxel
 10. Etoposide
 11. Fluorouracil
 12. Methotrexate
 13. 5-Fluorouracil
 14. Cytarabine
 15. Capecitabine
 16. Fluorouracil
 17. Leucovorin
 18. Methotrexate
 19. Fluorouracil
 20. Methotrexate

V. Circle the correct answer in the following:

1. A person who is allergic to hydralazine may Sulfa drugs also be allergic to- sulfur

- a. Digoxin
- b. Sulfamethoxazole (sulfa)
- c. Chloramphenicol
- d. Penicillin

2. Penicillin/thiopenicillin is administered via the following route:-

- a. I.V.
- b. Oral.
- c. Inhalation
- d. Topical.

3. Which of the following blood types is a universal donor?

- a. A
- b. B.
- c. AB.
- d. O.

4. Which of the following oxides of Nitrogen is used as a general anesthetic?

- a. NO₂ (Nitrous oxide) N⁺
- b. NO
- c. NO₂
- d. N₂O₅

$\frac{N_2O}{\Delta PP}$
 $\frac{NO_2}{\Delta PP}$

5. Which of the following is a fat soluble vitamin? DEKA

- a. A
- b. D.
- c. K.
- d. All of the above.

36
 Parkizol
 Part 1

9. One-half SS
10 Pound SS

- IV. a) State the contents of an ordinary Inbia.
a) What is the color for an external use label? A
b) What is the color for a shake label?
c) What are the registers that should be a pharmacy?

V. Encircle the correct answer in the following multiple choice questions:-

1. A solution contains 3 grains of a drug per fluid ounce. What is the % W/V of the solution?

- a) 0.66%
- b) 0.59%
- c) 10%
- d) 1.0%
- e) 6.5%

2. Cyanocobalamin is: B₁₂

- a) Steroid
- b) Enzyme
- c) Hallucinogen
- d) Vitamin
- e) A choline esterase inhibitor

3. Water for injection differs from sterile distilled water as it:-

- a) contains Sodium chloride
- b) contains nopyrogens
- c) is prepared by bacterial filtration
- d) may contain suitable preservatives
- e) None of these

4. The purpose of parabens in synubs are as:-

- a) solubilizers
- b) preservatives
- c) buffers
- d) thickeners
- e) none of the above

5. Tetracyclines tend to form complexes with:-

- a) Calcium ions
- b) Magnesium ions
- c) Aluminium ions
- d) Iron ions
- e) All of the above

11. Circle the correct answer in the following multiple choice questions:-

1. The major neurotransmitters are derived from
a. fats
 b. amino acids
c. carbohydrates
d. none of the above

2. Vitamin K is associated with
a. bones
 b. blood clotting
c. hemoglobin concentration
d. nerves

3. Which is found in vitamin B12?
a. magnesium
b. nickel
c. iron
 d. cobalt

4. Which is not a natural alkaloid?
 a. pethidine
b. papaverine
c. scopolamine
d. ergotamine

5. A patient taking pyridium should be warned about:
a. headache
b. drowsiness
c. gastric distress
 d. discoloration of the urine

6. In streptococcal infections, penicillins should be continued for
a. 3 days
b. 5 days
 c. 10 days
d. 7 days

7. Terbutaline has a preference for stimulation of:
a. Alpha receptors
b. Beta receptors
 c. Beta2 receptors
d. none of the above

8. Which of the following is not significantly absorbed orally?
 a. Isoproterenol
b. Cromolyn
 c. ephedrine
d. Theophylline

major NTS
↓
a-a

لوسبيديوم
CC

Selena
B2
C

+

CC

6. The maximum storage time for insulin injection after leaving manufacture is:-

- a) 2 years
- b) 5 years
- c) 2 months
- d) 6 months
- e) ind. finite

7. Benzalkonium chloride solution is partially inactivated by:-

- a) soap
- b) heat
- c) acetone
- d) methylcellulose
- e) none of these

8. Needle-shaped crystals are formed on the surface of Aspirin on long standing due to decomposition substance formed is:-

- a) Methyl Alcohol
- b) Acetic Acid
- c) Benzoic Acid
- d) Salicylic Acid
- e) None of these

9. Glycerine suppositories contain 92% glycerine and are solidified by the use of:-

- a) white wax
- b) stearic acid
- c) sodium stearate
- d) PEG 4000
- e) Glyceryl triacetate

* Na-Stearate

10. Plastics are normally sterilized with:-

- a) direct flame
- b) oven heat
- c) Ethylene oxide
- d) Steam under pressure
- e) Steam under vacuum

* ethylene oxide

11. A 30 volume H₂O₂ corresponds to:

- a) 3% by weight
- b) 30% by weight
- c) 30% by volume
- d) 9% by weight
- e) 99% by weight

10 : 3%
30

10 → 3%
30 → X%

12. Which of the following can cause discoloration of teeth?

- a) chloramphenicol
- b) penicillin
- c) tetracycline
- d) sulfadiazine
- e) kanamycin

9. Adrenaline HCL is used intravenously in concentration of:

- a. 1:100
- b. 1:1000
- c. 2%
- d. 5%

10. The fastest acting anticoagulant is

- a. vitamin K X
- b. warfarin
- c. heparin
- d. protamine sulfate X

11. A very common side effect of morphine is

- a. liver damage
- b. diarrhea
- c. abdominal pain
- d. constipation

12. Ciprofloxacin is an antibiotic belonging to:

- a. quinolones
- b. penicillins
- c. cephalosporins
- d. polymyxins

13. Augmentin is an antibiotic belonging to

- a. penicillins
- b. tetracyclines
- c. cephalosporins
- d. none of the above

14. Which is the drug of choice for trigeminal neuralgia:

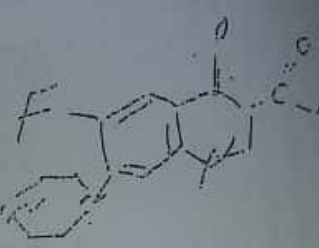
- a. naproxen
- b. phenytoin
- c. diazepam
- d. carbamazepine

15. Ergotamine is used primarily to treat:

- a. grand mal epilepsy
- b. migraine
- c. hypertension
- d. petit mal epilepsy

16. Prazosin is an

- a. Alpha blocker
- b. Enzyme inhibitor
- c. Calcium antagonist
- d. Beta blocker



Amoxicillin + clavulanic acid

Augmentin = amoxicillin + clavulanic acid

trigeminal neuralgia.

5. Which of the following drugs is used in the treatment of...
a. Cytarabine
b. Aspirin
c. Thrombolysis

5. Which of the following drugs is commonly used in the therapy of Multiple sclerosis (MS)?

- a. Neostigmine
- b. Cyanocobalamin
- c. Adrenocorticoid Hormone (ACTH)
- d. Propylthiouracil

6. Which of the following acids has the highest degree of ionization in an aqueous solution?

- a. Aspirin $pK_a = 3.5$
- b. Indomethacin $pK_a = 4.5$
- c. Warfarin $pK_a = 5.1$
- d. Ibuprofen $pK_a = 5.2$
- e. Phenobarbital $pK_a = 7.4$

7. All of the following medicinal agents are classified as natural products except:-

- a. Atropine ✓
- b. Diazepam
- c. Digitoxin ✓
- d. Penicillin ✓
- e. Morphine ✓

8. Which of the following drugs is considered to be the agent of choice for

Anaphylactic reactions?

- a. Clonidine
- b. Isoproterenol
- c. Epinephrine ✓
- d. Phenylephrine

9. A prototype tricyclic anti-depressant with anti-muscarinic properties that makes it useful in the treatment of Enuresis?

- a. Tricyclopamine
- b. Imipramine
- c. Buspirone
- d. Trazodine

Handwritten note: *Hegepraxatin ...*

10. All of the following are therapeutic indications for Salicylate except:-

- a. Rheumatoid arthritis ✓
- b. Fever in children with influenza or varicella ✓
- c. Fever in adults with influenza ✓
- d. Spasmodic dysmenorrhea ✓
- e. Prophylaxis against myocardial infarction ✓

Handwritten note: *Fever - Aspirin*

11. All of the following statements describing acetaminophen are true except:-

- a. It has anti-inflammatory activity similar to or greater than that of salicylates
- b. It acts as an analgesic and antipyretic ✓
- c. It may cause skin rash ✓

Handwritten box: *Primonil / Tofranil*

19. Home phototherapy is used to treat newborn who has:-

- a. Hyperbilirubinemia.
- b. Azotemia.
- c. Hyperglucemia.
- d. Hypocalcaemia.
- e. Hypermnatremia.

20. All of the following drugs may enhance breast milk production by increasing prolactin levels except:

- a. Haloperidol.
- b. ~~Methylidopa~~ ^{dopamine antagonist}
- c. Mucoclopramide.
- d. ~~Promocriptine~~ ^{dopamine antagonist}
- e. ~~Theophylline~~ ^{dopamine antagonist}

21. The appropriate pH range for ophthalmic products is:

- a. 2-3
- b. 4-6
- c. 6-8
- d. 8-10

7.4 blal.
(6-8) eye

22. Which of the following agents should not be used concurrently with levodopa?

- a. Diphenhydramine.
- b. Bzotropine.
- c. Amantadine.
- d. ~~Monoamine oxidase (MAO) inhibitors~~ ^{dopamine}
- e. Carbidopa.

23. How long will it take for the amitriptyline to be fully therapeutically effective?

- a. 1 week.
- b. 2 weeks.
- c. 1 month.
- d. 3 months.

30/30? Elatrol @ still alive

24. The standard recommended dose of glyburide is:

- a. 0.5 - 2 mg/day.
- b. 1.25 - 20 mg/day.
- c. 50 - 100mg/day.
- d. 200 mg/day.
- e. 200 - 1000 mg/day.

OC ??

TCAD
GOOD LUCK
primoniil
Imipramine → ~~Tegretol~~ / Tofranil → tricycl. antidepressant → enures
Amitriptyline → Elatrol → antidepressant
Carbamazepin → tegretol →

- 18 --- Digoxin ✓
- 19 --- Menadione
- 20 --- Phenytoine

- R. Kainine
- S. Calcium Chloride
- T. Alkaloid

IV. Circle the correct answer in the following multiple choice questions.

1. The imidazoles are used as -
- (D) Antifungal ✓
 - b. Antimalaria
 - c. Antidepressants
 - d. Antiepileptics

2. When a patient is allergic to Penicillin, there is an increased possibility he will also be allergic to -
- a. Erythromycin
 - b. The Tetracyclines
 - (C) The Cephalosporins ✓
 - d. Chloramphenicol

An Anaphylactic reaction to a drug is characterized by:

- Hyperension, cyanosis, bradycardia.
- Tachycardia, decreased respiratory rate.
- Bronchospasm, hypotension, unconsciousness.
- Anxiety, cardiac arrhythmia.

توقف العمل
يتركز الدواء
التصاق على الغشاء المخاطي

Which of the following responses may be produced by an adrenergic drug?

- Decreased in heart rate.
- Relaxation of the bronch. ✓ β_2 -agonist
- Reservation of glucose.
- Constriction of blood vessels.

PP

An adrenergic blocking drug may be used in the treatment of -

- Hypertension.
- Coronary vascular diseases. ✓ α_1 -blocking
- Arrhythmia.

Var PP

Applied to the eye, a cholinergic drug will

- Constrict pupil. ✓
- Increase amount of redness in the eye.
- Constrict pupil. ✓
- Increase ocular pressure.

لين

In poisoning which of the following drugs is to be used?

8. Which of the following is a kind of white blood cells?

- a. Neutrophils.
- b. Lymphocytes.
- c. Monocytes.
- d. All the above.

ASA: Reye's Syndrome.

9. Salicylates, especially Aspirin may be involved in the development of:-

- a. Reye's Syndrome in children with chicken pox or.
- b. Liver disorder.
- c. Colitis.
- d. Pancreatitis.

may be given for children

10. Which of the following are signs of hypohaltemic?

- a. Leg cramps and muscle weakness.
- b. Hypertension and severe anxiety.
- c. Tremors and weight gain.
- d. Bradycardia and diarrhea.

11. Crystalluria, a side effect to the sulfonamides which may be prevented by:

- a. Keeping urine output below normal.
- b. Increasing the fluid intake.
- c. Keeping the urine acidic.
- d. Keeping the urine alkaline.

الذي يظفر
IDDM.

12. Vasopressin is used in the treatment of:

- a. Diabetes Mellitus.
- b. Diabetes insipidus.
- c. Electrolyte imbalance.
- d. Dehydration.

HE COXAP HOBIA
neonimomai
neonimomai

13. The most potent estrogen is:-

- a. Estrone.
- b. Estradiol.
- c. Estriol.
- d. Progesterone.

14. The most common adverse reaction seen with the administration of an Antihistamine are:-

- a. Nausea and vomiting.
- b. Abdominal cramps and constipation.
- c. Drowsiness and Sedation.
- d. Nasal congestion and headache.

15. The vitamins manufactured by the body are:-

- a. A & D.
- b. B₁ & C
- c. P & K, V
- d. E & B₁₂.

normal flora

Cy

skin

15- The following drugs are used for injection by shock or collapse

- a- Difenol
- b- adrenalin
- c- verapamil
- d- nifedipen
- e- metamizol

17- Which of the following is used before eating?

- a- anti-biotic
- b- antacid
- c- hypnotic
- d- laxant
- e- gastritis agent

18- Which of these drugs is used for malaria?

- a- Chloroquin
- b- Isoniazid
- c- Gramicidin
- d- Resorcin
- e- Thiomersal

19- Which of the following when dispensed should carry the cautionary label: "REFRIGERATE - DO NOT FREEZE"

- a- Chlorpromazine syrup
- b- Doxycycline capsules
- c- Ampicillin syrup
- d- Co-trimoxazole suspension
- e- Slow release potassium supplements

في العلاج ليس للمريض

20- Ophthalmic solution may contain methylcellulose as an ingredient because it

- a- prolongs contact time
- b- reduce intraocular tension
- c- makes these solutions isotonic with tear secretions.
- d- Reduce inflammation
- e- Improves the stability of aqueous solutions

21- Which of the following can cause discolouration of children's teeth?

- a- Sulfonamide
- b- Penicillin
- c- Erythromycin
- d- Tetracycline
- e- Chloramphenicol

29) Cold cream is an example of
a) Suspension
b) O/W emulsion
c) W/O emulsion
d) O/W/O emulsion

30) When written on a prescription blank, the letters "nd" stands for:
a. as directed.
b. up to.
c. distilled water.
d. before dinner.
e. after dinner.

31) Which of the following is NOT required to be on a prescription form?
a. Patient's date of birth.
b. Patient's name.
c. Medication name.
d. Directions for use.
e. Prescriber's name.

تاريخ الميلاد
اسم المريض
العلاج

32) This drug can be used to treat glaucoma.
A. Furosemide (Lasix)
B. Acetazolamide (Diamox)
C. Both of the above
D. Neither of the above

33) A plant that is used to produce a compound for the treatment of congestive heart failure:
A) Datura stramonium
B) Digitalis purpurea
C) Claviceps purpurea
D) Cola nitida
E) None of the above

34) Garlic is used to:
a) reduce serum cholesterol and triglycerides
b) effect the brain causing lack of interest in fatty foods
c) cause diuresis
d) cause emesis
e) none of the above

35) To treat nausea and vomiting in pregnancy which is the drug of choice,
a) antihistaminic drug Meclozine HCl
b) antihistaminic drug Cimetidine
c) antihistaminic drug Dimenhydrinate
d) antidopaminergic drug Metoclopramide
e) dopamin agonist levodopa

36) What is wrong about Antiacids,
a) aluminium-, calcium- and magnesium salt
b) are buffering agents
c) prevent the secretion of HCl in stomach
d) reduce the absorption of drugs like iron and tetracycline
e) can be combined with Semithicone.

تاريخ الميلاد

- C. Chloroal
- D. Pilocarpin

3. Pilocarpin effect on the eye is:

- A. mydriatic
- B. myotic
- C. cycloplegic
- D. an efflor

Pilocarpine → miotic

4. The most person whom the pharmacist should have good relationship:

- A. patient
- B. doctor
- C. nurse
- D. dentist

patient

5. Pharmacist should communicate well with patient by:

- A. writing's
- B. face to face
- C. telephone
- D. E-mail

Face to face

6. Sulfactin drug is contraindicated with:

- A. hypoglycemic drugs
- B. hypertension drugs
- C. niter drugs
- D. analgesic drugs

Sulfactin = hypoglycemic
anginal area

7. Which from the following is not corticosteroid drug:

- A. prednisolone
- B. dexamason
- C. clobetasol
- D. ibuprofen

Ibuprofen

8. You should not dispense the drug to the patient if he have:

- A. fever
- B. vomiting and diarrhea
- C. blood in stool
- D. A & B
- E. All the above

استعمل
المراد
المراد
المراد

9. The label on the bottle should have all the following except:

- A. the dose strength
- B. pharmacist name
- C. filling date
- D. patient diagnosis

10. In which drug is the pharmacological activity associated with a specific chiral isomers:

- A. adrenaline
- B. aspirin

2/29

Which of the
ASA
Diclofenac
Par
d

111
750

بسم الله الرحمن الرحيم
الحمد لله رب العالمين

المستوى الرابع
امتحانات ترمين

AL-AZHAR Univ.
Coll. of Pharmacy
Pharmacy training 2008
FINAL EXAM.
Time : 90 min.
Date : 11/9/2008

Circle the correct Answer :

- [1] A common adverse effect related to the chronic use of aluminum hydroxide antacid is:
- a. Nausea and vomiting
 - b. Constipation
 - c. Flatulence
 - d. Diarrhea

Al → Constipation
Al → Diarrhea

[2] A suspension is NOT a suitable dosage for what type of injection:

- a. Subcutaneous
- b. Intra-dermal
- c. Intra-muscular
- d. Intra-venous

[3] The factors influencing iron absorption form G.I.T include:

- a. Valence of iron
- b. Gastric acidity
- c. Diet
- d. All of the above

Fe²⁺ → absorbed
Fe³⁺ → not absorbed

[4] The route of drug administration that will give the most rapid onset of the pharmacologic effect is:

- a. Intra-muscular injection
- b. Intra-venous injection
- c. Intra-dermal injection
- d. Oral administration

I.V. → fastest
inhalation → fast

[5] Medication that should be avoided by a mother who breast-feeds include all the following EXCEPT:

- a. Narcotics
- b. Barbiturates
- c. Diazepam
- d. Acetaminophen

Acetaminophen → safe

[13] Which of the following drugs is not used as anti-inflammatory agent:

- a. ASA
- b. Diclofenac Na.
- c. Paracetamol
- d. Ibuprofen

anti-plt

[14] Acetylsalicylic acid has the following effect (S): *

- a. Anti-inflammatory *
- b. Antidote for bleeding
- c. Antidote for oral anticoagulant
- d. All of the above

[15] Vitamin B complex is used for prophylaxis and treatment of:

- a. Hypertension
- b. Peripheral neuritis
- c. Scurvy
- d. Diarrhea

neuroden @ anti Oxidant

[16] Drugs stored at cold room temperature should be stored at:

- a. 0 - 8 c.
- b. 0 - 40 c.
- c. 8 - 15 c.
- d. 15 - 25 c.

cool place

2-6
8-15
15-25

Cold

[17] Hormones & Insulins should be stored at

- a. - 40 c.
- b. 2 - 8 c.
- c. 8 - 15 c.
- d. 15 - 25 c.

2-8 c

Bentyl Prost

[18] Flagyl is used for the treatment of (as)

- a. antiprotozoal
- b. anaerobic bacteria
- c. a + b
- d. None of the above

Prazosin → BPH
 → HTN
α₁ antag

* orthostatic hypotension

[19] All of the following are controlled drugs except

- a. Phenylphrine
- b. diazepam
- c. tramadol
- d. phenobarbitone

α₁-agonist

+ at bed time
Alfazocin Xatral
DIA antagonist

[20] The mode of action of cephalosporins is:

- a. Inhibition of cell wall synthesis
- b. Inhibition of cell membrane
- c. Inhibition of protein synthesis
- d. Inhibition of DNA synthesis

[21] Which of the following antibiotics is contraindicated in pregnancy

- a. Penicillin
- b. Ampicillin
- c. Cephalosporine
- d. Tetracycline

Streptococcus → Ceph
Pen Eryth

[22] The most commonly used drug group to relief nasal congestion is:

- a. Cholinergic drugs
- b. Anticholinergic drugs
- c. Adrenergic drugs
- d. Alpha blockers

[23] α-Tocopherol is a:

- a. Hormone
- b. Mineral
- c. Vitamin
- d. Bipe salt

[24] Beta blockers exert which of the following side effects:

- a. Bradycardia ✓
- b. Bronchospasm ✓
- c. Cold extremities ✓
- d. All of the above

[25] Which of the following is an anthelmintic:

- a. Pyrantal pamoate *Tricom*
- b. Mebendazole *Wormix*
- c. Niclosamide *Yanis*
- d. All of the above

[26] Ergotamine is used primarily to treat:

- a. Epilepsy
- b. Migraine
- c. Hypertension
- d. Allergy

Ergometrine
methyrgin (e)

[27] Which one of the following is Narcotic drug:

- a. Darvon ^{propoxyphene}
- b. Panadol ^{para. propoxyphen}
- c. Dolocare ^{diflunisal}
- d. Brufen

[28] Which of the following insulin can be administered intravenously:

- a. Regular insulin
- b. Isophane (NPH)
- c. Protamine zinc insulin (PZI)
- d. None of the above

[29] Spironolactone is associated with the following except:

- a. Hypokalemia *no lactone*
- b. Nausea, abdominal pain and diarrhea ✓
- c. Gynecomastia ✓
- d. Mental confusion and lethargy ✓

use KSP pairing

[30] A tricyclic antidepressant with anti-muscarinic effect is useful in treatment of nocturnal enuresis:

- a. Tranlycypromine
 - b. Imipramine ^{Primonil} *nocturnal enuresis*
 - c. Glimepiride
 - d. Atropine ^{Primonil}
- tricyclic antidepressant*
Sitram
Imp
anatriani
Oxybutirin

[31] The most common adverse reaction seen with the administration of antihistamine is:

- a. Nausea and vomiting
- b. Abdominal pain and constipation
- c. Drowsiness and sedation
- d. Nasal congestion and headache

[32] Which of the following drugs is considered to be the agent of choice for anaphylactic reactions:

- a. Clonidine
- b. Propranolol
- c. Epinephrine
- d. Phenylephrine

[33] Which of the following penicillin is given once monthly and used for prophylaxis of rheumatic fever:

- a. Penicillin G Procaine
- b. Ampycillin and clavulanic acid
- c. Penicillin V
- d. Penicillin G Benzathine

[34] N-Acetylcysteine is classified as:

- a. Analgesic
- b. Antitussive
- c. Antitubercular
- d. Mucolytic

Arginin
Mycamyst
Solux
Bromhexine
Mucomed
Bromhexin

[35] Terbutaline has a preference for stimulation of:

- a. Alpha receptors
- b. Muscarinic receptors
- c. Beta-2-receptor stimulant
- d. None of the above

Sulbutamol
Briclin
Bricalin
Bagonist

[36] Which of the following drugs lower blood lipids:

- a. Coumarin
- b. Atorvastatin
- c. Carbamazepine
- d. Flucytosine

Lipidet
HMG - Inh.

[37] Which one of the following is an angiotensin (II) antagonist:

- a. Amlodipine CCB vascopin, Amlor, amilor
- b. Captopril ACE
- c. Losartan Losar
- d. Prazosin α blo minipress

(ARB)

[38] Which of the following is not an antidiarrheal agent:

- a. Kaolin \checkmark diarr anti diarrheal
- b. Diphenoxylate HCl antidiarrheal
- c. Lactulose \rightarrow no effect antidiarrheal
- d. Lopramide Diacart antidiarrheal

Diacart
megastop
Kaolin \rightarrow ads. enterotoxin
Pectin \rightarrow reabs. water
antiprotozoal
Rhuo \rightarrow phenol

[39] Virox® could be used as an alternative for:

- a. Supra-vir®. Herpes simplex. *التهرب البسيط*
- b. Zovirax®.
- c. Modex®.

- d. a and b are true only.
- e. a and c are true only.

anti-viral
modex®

[40] The following trade name: scientific name combinations are true except:

- a. Aldactone®: spironolactone. ✓
- b. Naproxi®: naproxen. ✓
- c. Optalgin®: dipyron. ✓

d. Bepen®: amoxicillin. ✗

Penicillin G

Bepen → Penicillin G

[41] Macrolides antibiotics include all of the following except:

- a. Erythro-Teva®. ✓
- b. Klaricare®. *Klaritrox*
- c. Cefix®. *cephalosporin*
- d. Azicare®.

Azithromycin
Clarithromycin
Erythromycin } *macrolide.*

[42] OTC products include all of the following except:

- a. aspirin. ✗
- b. anti-dandruff.
- c. sunscreens.
- d. b and c only.
- e. all of the above. ✓

✗

[43] Magnacillin® is an antibiotic that contains:

- a. Amoxicillin-cloxacillin. ✓
- b. Ampicillin-Flucloxacillin. ✓
- c. Amoxicillin.
- d. Amoxicillin-clavulanic acid.

megacillin®
ampic + fl

[44] All are NSAID drugs except:

- a. Isofen®. *Ibuprofen*
- b. Indocaps®. *Indomethacin*
- c. Pirox®. *Piroxicam*
- d. Diovan®. *valsartan* hydrochloride

Diamox = Diamox acetazolamide

[45] Regarding Ovaclomin® all of the following statements are true except:

- a. it is a trade name for clomiphene citrate. ✓
- b. it stimulates ovulation. ✓
- c. it can result in visual blurring. ✗

CP

[46] the following drugs are
 a. Microprazole
 b. Cimetidine
 c. Ranitidine
 d. Belamostat

encephalopathy due to NH₃ in Bld. because
 NH₃ E.S. Lactulose + Neomycin
 Normal flora

[52] Which of these drugs doesn't belong to antitussive?

- a. Codeine phosphate
- b. Triamterene *K-sparing diuretic*
- c. Clobutinol
- d. Dextromethorphan
- e. Dihydrocodeine

topically except in encephalopathy

[53] Which of these drugs is used for malaria?

- a. Chloroquin
- b. Isoniazid *1-B*
- c. Gramicidin
- d. Resorcin ?
- e. Thiomerosal

TB

[54] Which of these drugs is used for the therapy of tuberculosis?

- a. Mefloquine
- b. Streptomycin
- c. Idoxuridin
- d. Aciclovir
- e. Vitamin A

TB
 Rifampicin → Isoniazid
 dapson *البياس* Vit B6
 avlosulfon

[55] Ophthalmic solution may contain methylcellulose as an ingredient because it

- a. prolongs contact time
- b. reduce intraocular tension
- c. makes these solutions isotonic with tear secretions.
- d. Reduce inflammation
- e. Improves the stability of aqueous solutions

[56] Which of these drugs is not used for liver disease.

- a. Hepatofalk
- b. Hepagrisevit
- c. Hepsan
- d. Hepabionta
- e. Heparin Amp.

~~HB~~

oral metabolism in liver

- [46] the following drugs are classified as contraceptive drugs except
- a. Microgynon®. ethinyl estradiol + levonorgestrel
 - b. Gynera® ✓
 - c. Konsyl® ✓. lactin (Prolin)
 - d. Belara® ✓. ethinyl estradiol + Chlormadinone

- [47] The following drug is prescribed for UTI:
- a. Sedural®. analgesic - antispasmodic → pharazo
 - b. U-Grām® ✓. nalidixic acid. Negrām - pyridinol. Bricalin®
 - c. Bricalin®. Terbutaline
 - d. Stunarone® ✓. cinnarizine. anti-histaminic

- [48] Patient with sensitivity to cephalosporin should avoid using which of the following drugs:
- a. Zinnat® ✓. Cephuroxime
 - b. Floxin®. ciprofloxacin → UTI
 - c. Papaverine®. anti-Cholinergic
 - d. only a and b are true.
 - e. all are true.

- [49] The HLB - system is most applicable for the classification of which surfactant?
- a. Anionic.
 - b. Cationic.
 - c. Amphoteric.
 - d. Nonionic.

- [50] In which cases can you give the recipe?
- a. when there is no date on the recipe ✓
 - b. when the recipe is false ✗
 - c. If the drug is contra-indicated ✗
 - d. When there are two drugs between which there is interaction
 - e. When there is a date and a doctor signature.

- [51] ASA Acetylsalicylic acid is contra-indicated in, all of the following cases except:
- a. Ulcer ✓
 - b. Asthma ✓
 - c. In the last three months in pregnancy ✓
 - d. Thrombocyte aggregation ✓
 - e. Allergy ✓

- d. Easy to use in children with varicella or influenza -
Viral infections.
 - e. Acute overdose is characterized by severe hepatoxicity.
12. All the following statements concerning Ranitidine are true except -
 useful in the treatment of Duodenal ulcers.
- a. Causes dizziness, mental confusion and hepatic dysfunction.
 - b. H₂-receptor antagonist
13. The determination of heparin activity by protamine sulfate is due to:
- a. A chelating action
 - b. The inhibition of gastrointestinal absorption of heparin
 - c. The displacement of heparin - plasma protein binding.
 - d. An acid - base interaction *salt*
14. Which of the following agents is classified as a glycoside?
- a. Nifedipine.
 - b. Digoxin.
 - c. Flecainide.
 - d. Cholestyramine.
 - e. Warfarin.
15. Ingestion of which of the following vitamins should be avoided by patients taking oral anticoagulant?
- a. Vitamin A.
 - b. Vitamin B.
 - c. Vitamin C.
 - d. Vitamin D.
 - e. Vitamin K.
16. Spirinolactone is associated with the following effects except
- a. hypokalemia.
 - b. Nause, abdominal cramps diarrhea.
 - c. Gynecomastia
 - d. Mental confusion and lethargy.
17. Which of the following insulins can be administered intravenously?
- a. regular insulin.
 - b. Isophane insulin (NPH).
 - c. Protamine zinc insulin (PZI)
 - d. Semilente insulin.
 - e. Ultralente insulin.
18. Parenteral products with an osmotic pressure greater than of Blood or 0.9% sodium chloride are referred to be:-
- a. Isotonic solution.
 - b. Hypertonic solution.
 - c. Hypotonic solution.
 - d. Neutral solution.

↑

K-sparing diuretic

*Asorbic. mononitrate.
dinitrate
glyceryl trinitrate.*

[57] Which of the following
 I. II. III. a. I only
 b. II only
 c. III only
 d. I, II, III only

[57] Which of the following drugs are used as calcium-antagonist? ^{CCB}

- I- Adalat [Ⓢ] Nifedipine
- II- Isoptin [Ⓢ] Verapamil
- III- Cardizem [Ⓢ] Diltiazem

- a. I only
- b. II only
- c. III only
- d. II + III only
- e. All of the above.

[58] lido [Ⓢ] Tea is contra-indicated in: ? [Ⓢ] Senna

- a. Renal failure ^{*}
- b. Hypertension
- c. pregnancy ^{*}
- d. a + c
- e. b + c

[59] Digoxin is a natural product belong to:

- f. Solanaceae
- g. Scrophulariaceae
- h. Rosaceae
- i. Compositae

[60] Cholechicine is indicated for:

- a. Osteoarthritis
- b. Gout ^{acetate}
- c. Renal infection
- d. Cardiac rheumatism

U^r analgesic + antiinf
used 8 mg / daily only

allopurinol Xan → ↓ urea in serum.

P?

- B. aspirins
- C. phenobarbitones
- D. acetylalcohol
- E. caffeine

47. all optical active compounds :

- A. decomposed in strong light
- B. undergoes photochemical reactions
- >C. contain a center or a plane of asymmetry
- D. contains double bond
- E. racemize in solution

48. which from the following drugs is least likely to cause electrolyte disturbance :

- A. hydrochlorothiazide ✓
- B. aluminium hydroxide > not electrolyte
- C. potassium chloride
- D. furosemide
- E. sodium bicarbonate

49. the structure pictured below is characteristic of the following compound : " مركز النوى النسلية nucleus "

- >A. penicillin
- B. cephalosporins
- C. gentamycin
- D. quinolones

د/ خفي القلب مشكور
في سؤاليين تذكروهم

glucocorticoids is contraindicated in the following except:

- acute infection العدوى الحادة
- allergy**
- osteoporosis

corticosteroids considered:

- a-antiinflammatory**
- b-strong analgesic
- c-a+b
- d-non of above

Benzol:

Toxic when it is breathed and when touching the skin
It may cause cancer

Keep it away from flammable materials.
Do not pour the sewerage



37. Expectorant agent used antitough syrup is,
 a) pseudoephedrine HCl
 b) guaifenesin
 c) triprolidine HCl
 d) codeine phosphate
 e) bromhexine HCl
38. Which of the following can cause bronchospasm
 a) selective B2-agonist e.g salbutamol
 b) corticosteroid e.g fluticasone
 c) xanthine e.g aminophylline and theophylline
 d) mast cell stabiliser e.g cromoglycate
 e) nonselective B blocker e.g propranolol
39. In emergency situation of hypertension, the diuretic of choice is:
 a) amiloride
 b) hydrochlorothiazide
 c) acetazolamide
 d) furosemide
 e) spironolactone
40. To abort an angina pectoris attack, which one is taken:
 a) glyceryl trinitrate sublingual tablet
 b) nifedipine tablet
 c) verapamil S.R tablet
 d) atenolol tablet
 e) terbutaline inhalation
41. To evacuate the colon prior to X-ray what should be administered,
 a) lactulose syrup
 b) glycerine suppository
 c) plantago seeds powder
 d) senna extract
 e) magnesium sulfate
42. The centrally effective antihypertensive drug is,
 a) atenolol
 b) enalapril
 c) furosemide
 d) methyldopa
 e) nifedipine
43. Which of the following is inhalation anesthetic
 a- Propofol
 b- Ketamine
 c- Thiopental
 d- Isoflurane
44. The volume of teaspoonful is equal
 a- 10 ml
 b- 15 ml
 c- 30 ml
 d- 5 ml
45. All of the following trade names is related to Rantidine except
 a- Zantac
 b- Ramatac
 c- Renine
 d- Zinnate
46. Chloramphenicol is metabolized by humans principally by the following mechanism.
 a- Acetylation
 b- Oxidation
 c- Methylation
 d- conjugation

47. Oto and nephro toxicity is a side effect for
a- Cloxan b- Cephadrox c- Erythromycin d- Zetamycin

48. The abbreviation b.i.d in prescription stands for
a- before meals b- before noon c- between meals d- twice daily

49. How many milliliters of 95% alcohol are required to prepare 600 ml of 60% alcohol.
a- 360 b- 342 c- 570 d- 379

$$M_1 \times V_1 = M_2 \times V_2$$
$$600 \times 60 = 95 \times y$$
$$y = \frac{36000}{95}$$
$$=$$

50. The term (Protect from light) indicates:
a- Dark place
b- Amber glass bottle
c- Tight glass bottle
d- Light resistant container

51. Which of the following trade names is related to Metronidazole?
a- Oramate[®]
b- Hudu[®]
c- Lorax[®]
d- Flagyl[®]
e- Celex[®]

Light Sensitive:
+ dark place.

52. All optically active compounds
a- Decompose in strong light
b- Undergo photochemical reactions
c- Contain a centre or plane of asymmetry
d- Contain a double bond
e- Racemize in solution

53. Which of the following is contraindicated with MAO inhibitors:
a- Meat
b- Fish
c- Eggs
d- White cheese
e- Processed cheese

Protect from Light
Light Sensitive.
CC

54. Which of the following is a nasal decongestant?
a- Piperazine
b- Phenylprine
c- Isoproterenol
d- Hydrocodone

55. Paraffin oil is commonly used to treat:
a- Constipation
b- Constipation
c- Gastric upset
d- Vomiting
e- Diarrhea

56. Crystalluria is a side effect for which of the following:
a- Neomycin
b- Sulfonamide

- 57- Current criteria used in the diagnosis of diabetes mellitus EXCEPT:
- a- Fasting hyperglycemia
 - b- Polyuria
 - c- Polydipsia
 - d- Weight gain
 - e- Weight loss
- 58- Which of the following trade names is related to Omeprazole?
- a- Furamix[®]
 - b- Marial[®]
 - c- Famodin[®]
 - d- Meprol[®]
 - e- b and d are correct
- 59- Which of the following statement is correct about Metformin?
- a- It is used as hypoglycemic drug.
 - b- It is used antihistaminic drug
 - c- It is used as hyperglycemic drug
 - d- It is estrogen analogue
 - e- None of the above is correct.
- 60- The following drugs is related to Deralin[®]?
- a- Timolol
 - b- Celecoxib
 - c- Propranolol
 - d- Diltiazem
 - e- Doxycycline

Good Luck