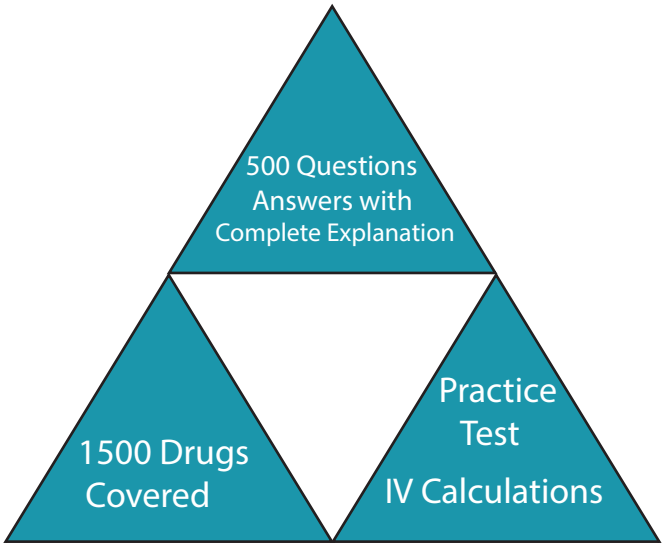
PTCE® EXAM Review Book

2026-2027 Edition



Pharmacy Technician

PREPARATION

Exam

By Manan Shroff 2026-2027 Edition

REFERENCE GUIDE FOR PHARMACY TECHNICIAN EXAM

2026 – 2027 EDITION

(Covers an updated PTCB Blue Print)

MANAN SHROFF

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PREFACE:

Today, the pharmacy is considered a very fast growing field. The jobs done by pharmacists yesterday have completely changed today. Today's pharmacist is not merely a machine to dispense drugs, he or she can counsel the patients, keep an eye on important interactions, and practice more towards the clinical side of the field of pharmacy.

However, this requires a great amount of time and patience. By considering all of these factors, in 1995 PTCB® was introduced. By certifying pharmacy technicians, pharmacists can spend more time on patient counseling and other patient oriented jobs.

To prepare a pharmacy technician to take over some of the responsibilities of pharmacists, such as discovering duplicated therapy, wrong doses and directions, and the knowledge of drug indications and interactions, the Pharmacy Technician Certification Exam (PTCE)® was introduced in 1995.

This exam will test pharmacy technicians on three major areas:

1. Assisting the pharmacist in serving patients.
2. Maintaining medications and inventory control systems.
3. Participating in administration and management of the pharmacy practice.

This reference guide has more than 500 questions that allow you to practice tackling the actual exam.

We have also included more than 40 chapters that will give you knowledge of drug trade names, generic names, indications and major adverse reactions.

The PTCB® exam puts more emphasis on calculations; therefore, all efforts were made to include calculations in the tutorial.

The practice test at the end of the reference guide will ensure that you understand the material provided for you in this reference guide. All suggestions from you are always welcome.

I wish you much success.

Best of luck,

Manan H. Shroff

Table of Contents

1. Inotropic Agents 8
2. Antiarrhythmic Agents 9
3. Beta-Blockers 10
4. Centrally Acting Antihypertensive Agents 11
5. Calcium-Channel Blockers 12
6. Ace Inhibitors 13
7. Vasodilators 15
8. Coronary Vasodilators 16
9. Antiplatelet Agents 17
10. Thrombolytic Agents 18
11. Diuretics 19
12. Specific Alpha-1 Blockers 21
13. Antihyperlipidemic Agents 22
14. Tranquilizers 24
15. Antiepileptics 27
16. Antidepressants 29
17. Antiparkinson 34
18. Attention Deficit Disorder Treatment 38
19. Anti-Neuroleptics 41
20. Penicillins 44
21. Sulfonamides 46
22. Cephalosporins 47
23. Erythromycin And Macrolide Groups Of Antibiotics 49
24. Aminoglycosides 51
25. Fluoroquinolones 52
26. Tetracyclines 53
27. Miscellaneous 55

28. Antifungals 57
29. Anthelmintics 58
30. Antivirals 59
31. Hepatitis C Medications 61
32. Anti-Aids 62
33. Acne Products 64
34. Anti-Ulcer (GERD) Medications 65
35. Antihistamines (H-1 Receptor Antagonists) 67
36. Arthritis 68
37. Asthma 70
38. B.P.H 72
39. Colony And Erythrocytes Stimulating Factors 74
40. Hematinic Agents 75
41. Hyperuricemia And Gout 76
42. Immunosuppressants 77
43. Migraine 78
44. Nausea Medications 81
45. Non-Steroidal Anti-inflammatory Agents (NSAID) 84
46. Opioids Analgesic 85
47. Osteoporosis And Hypocalcemia 88
48. Anti-Platelets And Anticoagulant Agents 91
49. Smoking Cessation Aids Agents 93
50. Thyroid Disorder Medications 94
51. Ulcerative Colitis 95
52. Diabetes Related Drugs 96
53. Pharmacy Law 100
54. Calculations 113
55. QUESTIONS 118

56. ANSWERS 166

PTCE Sample Quiz 211

PTCE Sample Quiz Answers 223

SECTION -I

1. Inotropic Agents

Brand	Generic	Adverse Effects
Lanoxin	Digoxin	Anorexia, nausea
Primacor	Milrinone	Thrombocytopenia
Inocor	Amrinone	Ventricular arrhythmia

Therapeutic Use(s):

- Congestive heart failure (CHF)

Terminology

- Anorexia: Appetite loss.
- Thrombocytopenia: A low platelets count in blood.
- Ventricular arrhythmia: Irregular movements of left ventricles of the heart.

2. Antiarrhythmic Agents

M/A: This class of agents is indicated for the treatment of an irregular heart rhythm.

Brand	Generic	Adverse Effects
Cordarone	Amiodarone	Pulmonary toxicity
Norpace	Disopyramide	Dry eyes, blurred vision, negative inotropic effect
Tambocor	Flecainide	A.V. node suppression
Ethmozine	Moricizine	A.V. node suppression
Xylocaine	Lidocaine	CNS stimulation, seizure
Tonocard	Tocainide	Pulmonary toxicity
Dilantin, Cerebyx	Phenytoin	Gingival hyperplasia, ataxia
Procanbid	Procainamide	S.L.E, blood dyscrasia
Quinidine	Quinidine	Diarrhea

Therapeutic Use(s):

- Arrhythmia

Terminology

- Pulmonary toxicity: Lung toxicity.
- Gingival hyperplasia: Gum inflammation and bleeding.
- Ataxia: Lack of coordination of muscle movements.
- Nystagmus: Rapid involuntary movement of eyes that may be from side to side, up and down, or rotatory.
- S.L.E.: Systemic lupus erythematosus (chronic inflammatory disease of connective tissues).
- Blood dyscrasia: Abnormality in blood.
- A.V. node suppression: Slowing down in conduction velocity of heart.
- Negative inotropic effects: Reducing the force of muscle contraction of heart.

3. Beta-Blockers

M/A: They block Beta-1 receptors in cardiac tissues. They reduce the oxygen requirement of the heart by decreasing the heart rate and force of contraction of the heart associated with an exercise.

Brand	Generic	Adverse Effects
Tenormin	Atenolol	Bradycardia
Lopressor, Toprol XL	Metoprolol	Bradycardia
Inderal	Propranolol	Bradycardia
Corgard	Nadolol	Bradycardia
Zebeta	Bisoprolol	Bradycardia
Normodyne, Trandate	Labetalol	Bradycardia
Sectral	Acebutolol	Bradycardia
Coreg	Carvedilol	Bradycardia
Brevibloc	Esmolol	Bradycardia
Levatol	Penbutolol	Bradycardia

Therapeutic Use(s):

- Hypertension and angina

Do not use beta-blockers for:

- CHF patients: May cause fatal heart failure.
- Diabetic patients: May mask the symptoms of hypoglycemia.
- Asthma patients: May constrict the bronchial smooth muscles by blocking beta-2 receptors.

Terminology

- Bradycardia: Slowing down of heart rate.
- Hypoglycemia: Low blood glucose level.
- Bronchial muscles: Smooth muscles of lungs.
- Angina: Heart disorder with sharp pain in heart.

4. Centrally Acting Antihypertensive Agents

M/A: Agents of this class generally inhibit the secretion of nor-adrenaline from the brain; nor-adrenaline is responsible for causing hypertension.

Brand	Generic	Adverse Effects
Aldomet	Methyldopa	Hemolytic anemia
Catapres	Clonidine	Hypotension
Tenex	Guanfacine	Hypotension
Wytensin	Guanabenz	Hypotension

Therapeutic Use(s):

- Hypertension

Terminology

- Hemolytic anemia: In hemolytic anemia, due to a premature destruction of RBCs, there are not enough red blood cells in blood.
- Hypertension: Elevation of arterial blood pressure above the normal range.
- Hypotension: Condition in which arterial blood pressure is abnormally low.

5. Calcium-Channel Blockers

M/A: They produce the dilation of coronary arteries, and thereby increase the blood flow to the heart.

Brand	Generic	Adverse Effects
Adalat, Procardia	Nifedipine	Hypotension
Calan, Isoptin, Verelan	Verapamil	Hypotension and severe constipation
Cardizem	Diltiazem	Hypotension
Norvasc	Amlodipine	Hypotension
Plendil	Felodipine	Hypotension
Cardene	Nicardipine	Hypotension
Dynacirc	Isradipine	Hypotension
Vascor	Bepridil	Hypotension
Nimotop	Nimodipine	Hypotension
Sular	Nisoldipine	Hypotension

Therapeutic Use(s):

- Hypertension

Terminology

- Hypertension: Elevation of arterial blood pressure above the normal range.
- Hypotension: Condition in which arterial blood pressure is abnormally low.

6. Ace Inhibitors

M/A: They inhibit the enzymatic conversion of angiotensin I to angiotensin II. They are known as angiotensin converting enzyme inhibitors (ACE inhibitors).

Brand	Generic	Adverse Effects
Vasotec	Enalapril	Hypotension, dry cough, dysgeusia, hyperkalemia
Zestril, Prinivil	Lisinopril	Hypotension, dry cough, dysgeusia, hyperkalemia
Capoten	Captopril	Hypotension, dry cough, dysgeusia, hyperkalemia
Altace	Ramipril	Hypotension, dry cough, dysgeusia, hyperkalemia
Lotensin	Benazepril	Hypotension, dry cough, dysgeusia, hyperkalemia
Accupril	Quinapril	Hypotension, dry cough, dysgeusia, hyperkalemia
Monopril	Fosinopril	Hypotension, dry cough, dysgeusia, hyperkalemia
Mavik	Trandolapril	Hypotension, dry cough, dysgeusia, hyperkalemia

Angiotensin II Receptor Antagonists

M/A: Angiotensin II receptor antagonists, also known as angiotensin receptor blockers (ARBs), are medications that block the action of angiotensin II by preventing angiotensin II from binding to angiotensin II receptors on blood vessels.

Brand	Generic	Adverse Effects
Cozaar	Losartan	Hyperkalemia
Diovan	Valsartan	Hyperkalemia
Avapro	Irbesartan	Hyperkalemia

Brand	Generic	Adverse Effects
Atacand	Candesartan	Hyperkalemia
Micardis	Telmisartan	Hyperkalemia
Teveten	Eprosartan	Hyperkalemia
Edarbi	Azilsartan medoxomil	Hyperkalemia
Benicar	Olmesartan	Hyperkalemia

The advantage of ACE II receptor antagonists over ACE inhibitors is that they do not produce dry cough.

Therapeutic Use(s):

- Hypertension

Terminology

- Dysgeusia: Loss of taste.
- Hyperkalemia: An elevated concentration of potassium in blood.

7. Vasodilators

M/A: As the name suggests, this class of agents generally causes dilation of blood vessels.

Brand	Generic	Adverse Effects
Apresoline	Hydralazine	S.L.E., tachycardia, peripheral neuritis
Loniten, Rogaine	Minoxidil	Hypertrichosis, tachycardia
Hyperstat	Diazoxide	Edema, tachycardia

Therapeutic Use(s):

- Hypertension

Terminology

- Tachycardia: It typically refers to a heart rate that exceeds the normal range for a resting heartrate (heartrate in an inactive or sleeping individual).
- Edema: An excessive accumulation of fluid in body tissues.
- Hypertrichosis: An excessive hair growth on the body.
- Systemic lupus erythematosus (SLE): It is a chronic, inflammatory autoimmune disorder. It may affect the skin, joints, kidneys and other organs.
- Peripheral neuritis: It is a problem with the nerves that carry information to and from the brain and spinal cord. This can produce pain, loss of sensation and an inability to control muscles.

55. QUESTIONS

1. Which of the following cannot be refilled under any circumstances?

a. Metoprolol
b. Methylphenidate
c. Mitomycin
d. Hydroxyurea

2. Valproic acid syrup is available as 250 mg/5cc. If a patient were taking 1000 mg in the morning and 750 mg in the evening, how many cc of syrup would you dispense for a 30-day supply?

a. 1500 cc
b. 1050 cc
c. 500 cc
d. 480 cc

3. If a patient were taking Glyburide for the treatment of Type II diabetes and a physician prescribed him Chlorpropamide, what should a pharmacy technician do?

a. Fill the prescription.
b. Notify a pharmacist about duplication of therapy.
c. Notify a pharmacist about a drug interaction.
d. All of the above.

4. All of the following drugs should be carefully prescribed with aspirin EXCEPT:

a. Enoxaparin
b. Coumadin
c. Heparin
d. Metoclopramide

5. An overdose of Coumadin can be treated with:

a. Vitamin K
b. Acetylcysteine
c. Mesna
d. Protamine sulfate

6. Prochlorperazine can be classified as an:

a. Anti-emetic
b. Anti-depressant
c. Anti-anxiety
d. Anti-hypertensive

7. A patient is taking Amoxicillin 500 mg by mouth, three times a day for 7 days. How many capsules of 500 mg of Amoxicillin will you dispense?

a. 42
b. 21
c. 7
d. 30

8. The cost for 100 tablets of Olanzapine is $420.00. The percentage markup on the prescription is a 15. What would be the retail cost for 30 Olanzapine tablets?

a. $200
b. $145
c. $300
d. $450

9. How much 3% salicylic acid powder is required to mix with talc powder to prepare 0.20%, 500 grams of Salicylic acid?

a. 50 gm
b. 33 gm
c. 480 gm
d. 57 gm

10. Clopidogrel is classified as a(n):

a. Anti-hypertensive
b. Platelet aggregation inhibitor
c. Anti-diabetic
d. Anti-Parkinson's

11. All of the following drugs can be indicated for the treatment of asthma EXCEPT:

a. Ipratropium
b. Metoprolol
c. Albuterol
d. Zafirlukast

12. A prescription for MS Contin 30 mg was written as follows:

Manan Care Rx
Mr. Shroff
MS Contin 30 mg
Sig-1 po tid x 30 day # 60
Dr. Bhatia
Refill-0 MHS
DEA # AB2354760

What would be the dispensed quantity for the above prescription?

a. 90
b. 60
c. 30
d. 10

13. A patient brings a prescription for Diazepam 10 mg to a pharmacy. Upon reviewing a profile, the prescription has already been refilled 5 times. The pharmacy technician will do which of the following?

a. Refill the prescription as it was written prn times.
b. Cannot refill. Notify the pharmacist.
c. Refuse to fill since the prescription needs the DEA Form 222.
d. Refuse to fill since the drug is NOT in a stock.

14. Which of the following auxiliary labels is required when dispensing Otocort otic solution?

a. Take with food.
b. Do not consume alcoholic beverages.
c. For ear only.
d. Shake well before dispensing.

15. All of the following drugs are classified as colony and erythrocytes stimulators EXCEPT:

a. Filgrastim
b. Epoetin
c. Tamsulosin
d. Sargramostim

16. Lanoxin pediatric solution is available in 0.05 mg/ml. If a patient takes 0.25 mg of Lanoxin per day, what will be the dispensed quantity in mL for 30 days?

a. 25 cc
b. 50 cc
c. 100 cc
d. 150 cc

17. All of the following drugs need to be stored in a refrigerator EXCEPT:

a. Ativan injection
b. Compazine suppository
c. Diflucan suspension
d. Xalatan eye drops

18. What is the brand name for Terazosin?

a. Glucophage
b. Hytrin
c. Inderal
d. Haldol

19. Haloperidol should be classified as which of the following?

a. Anti-psychotic
b. Anti-anxiety
c. Anti-depressant
d. Tranquilizer

20. All of the following drugs can be used for the treatment of epilepsy EXCEPT:

a. Diazepam
b. Valproic acid

c. Lovastatin
d. Gabapentin

21. Upon retrieving a patient's profile, the patient is currently taking Lanoxin, HCTZ, Metoprolol and Amlodipine. From the patient's profile, the patient is most likely suffering from which of the following?

a. Depression
b. Hypertension
c. Seizures
d. Arthritis

22. A patient is allergic to aspirin. Which of the following drugs should be questioned by a pharmacy technician before filling it?

a. HCTZ
b. Naproxen
c. Propoxyphene
d. Phenobarbital

23. A patient allergic to Sulfa needs to avoid all except which of the following drugs?

a. HCTZ
b. Glyburide
c. Sulfasalazine
d. Pemoline

24. An inventory of which of the following drugs should be strictly followed?

a. Acetaminophen No. 3
b. Amphetamine
c. Clonazepam
d. Indomethacin

25. Fosamax should be taken with:

a. Food
b. Plain water
c. Mineral water
d. Orange juice

26. The partial filling on a Schedule II controlled drug should be done within what time period?

a. 30 days
b. 72 hours
c. 10 days
d. 7 days

27. A 1/2 grain of Phenobarbital is generally interpreted as which of the following?

a. 32.5 mg
b. 65 mg
c. 90 mg
d. 120 mg

28. Which of the following drugs can be used via nasal route?

a. Beclovent
b. Miacalcin
c. Floxin
d. Insulin

29. Which of the following insulin formulations has the fastest onset of action?

a. Novolin N
b. Novolin R
c. Novolin 70/30
d. Novolin 50/50

30. In what proportion should 100% alcohol mix with water to prepare 70%, 1000cc alcohol?

a. 450 ml
b. 700 ml
c. 900 ml
d. 600 ml

31. What is a generic name for Adalat cc?

a. Nifedipine
b. Nifedipine extended release
c. Amlodipine
d. Diltiazem

32. A prescription for VoSol is written as follows:

VoSol 3 gtt au tid x 7 days

Which of the following statements is TRUE?

a. 3 drops in right ear three times a day for seven days.
b. 3 drops in left ear three times a day for seven days.
c. 3 drops in each ear three times a day for seven days.
d. 3 drops in right eye three times a day for seven days.

33. Which of the following is not a beta-2 receptor bronchodilator?

a. Metaproterenol
b. Albuterol
c. Flunisolide
d. Bitolterol

34. Find out the percentage of elementary iron in ferrous sulfate.

1. Each tablet contains 325 mg of ferrous sulfate.

2. Each tablet contains 60 mg of elementary iron.

a. 20%
b. 16.63%
c. 18.46%
d. 15.05%

35. Permapen injection is available as a 1.2mu/2cc. If a prescription calls for a 2.4mu I.M. twice a week, what will be the dispensed quantity in mL for a 30-day supply?

a. 2
b. 30
c. 32
d. 12

36. A prescription for Phenytoin is written as follows: Phenytoin 200 mg po am and 500 mg hs. How many mL of Phenytoin suspension (125mg/5cc) will be consumed by a patient per day?

a. 8 ml
b. 28 ml
c. 480 ml
d. 56 ml

37. If 0.125%, 250cc KMNO4 solution were mixed with 2.5%, 500cc KMNO4 solution, what would be the concentration of KMNO4 in mg/ml in the final solution?

a. 25
b. 17.08
c. 10.15
d. 40.65

38. A patient requests a refill for Novolin N (10u/cc, 10cc). The prescription reads: 30u SQ in the morning and 20u SQ in the evening. If the drug were filled 3 days ago, a pharmacy technician should do which of the following?

a. Refill the drug.
b. Not refill the drug.
c. Not refill the drug under any circumstances.
d. Cannot be said.

39. The prescription for Depakene can be filled by selecting which of the following?

a. Lithium carbonate
b. Valproic acid
c. Diphenhydramine
d. Phenobarbital

40. The temperature of a pharmacy refrigerator should be checked how often?

a. Daily
b. Weekly
c. Bi-weekly
d. Monthly

41. If a patient were allergic to penicillin, a pharmacy technician should question before filling which of the following?

a. Clindamycin
b. Cephalexin
c. Cotrimoxazole
d. Ciprofloxacin

42. The over-the-counter strength of folic acid should be limited to what amount?

a. 1 mg
b. 0.4 mg
c. 2 mg
d. 5 mg

43. What is a generic name for Tygacil?

a. Calcitriol
b. Tigecycline
c. Metronidazole
d. Triethanolamine

44. All of the following are classified as non-sedative antihistamines EXCEPT:

a. Desloratadine
b. Loratadine
c. Brompheniramine
d. Cetirizine

45. A patient is currently taking Clonidine and Metoprolol for the treatment of hypertension. He asks a pharmacy technician about getting Sudafed syrup for cold and cough. The pharmacy technician should tell him:

a. It is a very good drug for treating cold and cough.
b. Before you buy, please seek counseling with a pharmacist.
c. It cannot be used for treating cold and cough.
d. It cannot be used by an adult.

46. All of the following drugs can be used for the treatment of depression EXCEPT:

a. Sertraline
b. Doxepin
c. Risperidone
d. Trazodone

47. If a pharmacy sets up based on generic names, Provera should be found under which of the following?

a. A alphabet
b. C alphabet
c. M alphabet
d. D alphabet

48. If a patient were allergic to penicillin, a pharmacy technician should question before filling which of the following?

a. Bactrim DS
b. Cipro
c. Wycillin
d. Nizoral

49. Which of the following drugs is in the same class as Cimetidine?

a. Omeprazole
b. Ranitidine
c. Aluminum hydroxide
d. Sucralfate

50. How much 15% acetic acid is required to prepare 100 grams, 10% acetic acid?

a. 33 grams
b. 100 grams
c. 66 grams
d. 55 grams

51. How much Fluocinolone is present in 0.05%, 60 grams ointment?

a. 30 milligrams
b. 60 milligrams
c. 90 milligrams
d. 120 milligrams

52. All of the following drugs are classified as sleeping aids EXCEPT:

a. Diazepam
b. Alprazolam
c. Amphetamine
d. Zolpidem

53. Nitrostat 1/200-grain would be equivalent to which of the following?

a. 0.325 mg
b. 0.450 mg
c. 0.550 mg
d. 0.610 mg

54. What would be the final strength of Hydrocortisone cream, if a 2.5%, 60 grams of Hydrocortisone were mixed with a 1%, 30 grams Hydrocortisone?

a. 10 %
b. 2 %
c. 5 %
d. 1.5 %

55. Xalatan should be found under which of the following?

a. IV section
b. Ear section
c. Eye section
d. Tablet section

56. A patient with hypersensitivity to Codeine needs to avoid which of the following?

a. Indomethacin
b. Acetaminophen No. 3
c. Naproxen
d. Ibuprofen

57. Erythromycin allergy should be logged under which of the following?

a. Penicillin group of antibiotics
b. Macrolide group of antibiotics
c. NSAIDs
d. Opioid analgesics

58. In Tylenol no. 3, no. 3 indicates which of the following?

a. The amount of Propoxyphene in mg.
b. The amount of Codeine in mg.
c. The amount of Hydrocodone in mg.
d. The amount of Diazepam in mg.

59. Erythromycin ophthalmic ointment should be filled by selecting which of the following?

a. Ocuflox
b. Ilotycin
c. Timoptic
d. Cosopt

60. A patient with an opioid allergy should be questioned regarding use of which of the following?

a. Ultram
b. Darvocet
c. Risperdal
d. Norvasc

61. Which of the following is a lipid lowering drug?

a. Zyflo
b. Flomax
c. Lescol
d. Norvir

62. All of the following drugs may produce disulfiram-like reactions with alcohol EXCEPT:

a. Cefamandole
b. Chlorpropamide
c. Nystatin
d. Metronidazole

63. Which of the following dosage forms contains alcohol as a solvent?

a. Solution
b. Suspension
c. Elixir
d. Emulsion

64. The risk of seizure increased when which of the following drugs is taken with alcohol?

a. Pentam
b. Ultram
c. Hydrea
d. Parlodel

65. If the wholesale price for 100 tablets of Ciprofloxacin were $350, what would be the retail price for 30 tablets of Cipro with a 15% mark-up and $4.00 dispensing fee?

a. $62.37
b. $124.90
c. $375.00
d. $116.00

66. In Talwin NX, what does NX indicate?

a. Nitrofurantoin
b. Naloxone
c. Noroxin
d. Not to dispense more than 10 at a time.

67. Dr. Kerry Scott has written a prescription for Methylphenidate. Which of the following would be the valid DEA numbers for Dr. Kerry Scott?

a. AK2563410
b. BS3452769
c. AS2531876
d. BS2567321

68. All of the following information may help initiating a drug recall EXCEPT:

a. Lot number
b. Drug name
c. Drug strength
d. NDC number

69. Which of the following drugs is contraindicated to use in a patient suffering from CHF?

a. Lanoxin
b. Atenolol
c. Furosemide
d. Hydrochlorothiazide

70. The preparation of which of the following drugs requires the use of protective masks and gloves?

a. Levofloxacin
b. Cimetidine

c. Bleomycin
d. Ranitidine

71. All of the following drugs are indicated for the treatment of P.Carinii.Pneumoniae EXCEPT:

a. Pentamidine
b. Nafcillin
c. SMZ / TMP
d. Atovaquone

72. Which of the following antidepressant drugs should not be given to a patient in the late afternoon or bedtime to prevent insomnia?

a. Fluoxetine
b. Fluvoxamine
c. Amitriptyline
d. Nortriptyline

73. The active ingredients in Augmentin are which of the following?

a. Amoxicillin
b. Amoxicillin + potassium-clavulanate
c. Ampicillin
d. Ampicillin + clavulanic acid

74. Which of the following drugs should be avoided with Verapamil?

a. Furosemide
b. Atenolol
c. Spironolactone
d. Hydralazine

75. Which of the following is a principal adverse effect of Hydralazine?

a. Hemolytic anemia
b. SLE
c. Hepatic toxicity
d. Nephrotoxicity

76. If a patient were using 100 mcg of Cyanocobalamin every week, how many weeks would the vial of vitamin B-12 (1mg/ml) last?

a. 2 weeks
b. 10 weeks
c. 4 weeks
d. 6 weeks

77. Which of the following drugs is used for the treatment of epilepsy?

a. Hydrocodone
b. Valproic acid
c. Risperidone
d. Clozaril

78. Which of the following drugs generally requires a blood report before filling?

a. Benzoyl peroxide
b. Clozaril
c. Propranolol
d. Losartan

79. A pharmacy technician has to alert a pharmacist before dispensing which of the following drugs to a pregnant woman?

a. Propylthiouracil
b. Lithium carbonate
c. Benztropine
d. Olanzapine

80. If a prescription were written for ATS 2% solution, you would interpret as what?

a. Actinomycin 2% solution
b. Erythromycin 2% solution
c. Benzoyl peroxide 2% solution
d. Tolnaftate 2% solution

81. In Methylphenidate SR, SR is generally recognized as which of the following?

a. Solid release
b. Sustained release
c. Super relative absorption
d. Stereo reactive substance

82. The prescription for K-Dur 20 mEq is written as follows: 1 tablet via GI-tube twice a day for 30 days. How will you dispense the prescription?

a. Full tablet.
b. By crushing a tablet to a powder form.
c. By consulting a pharmacist.
d. By dissolving a tablet in a proper solvent.

83. If a patient comes to a pharmacy and asks about an OTC product that may help to remove warts, you may suggest him which of the following?

a. Aluminum acetate 2% solution
b. Salicylic acid 17% solution
c. Clotrimazole 1% solution
d. Tolnaftate 1% solution

84. Nitrostat 0.4 mg tablet should be administered by using which of the following routes?

a. Oral
b. Sublingual
c. Parenteral
d. Intramuscular

85. The prescription for Hydroxyzine HCL can be filled by selecting which of the following?

a. Vistaril
b. Atarax
c. Zovirax
d. Baycol

86. Find the amount of Dextrose in grams in 500cc, D5W solution.

a. 15 grams
b. 50 grams
c. 25 grams
d. 10 grams

87. When preparing a TPN, which of the following products should be added last due to a stability problem?

a. MVI solution
b. Insulin
c. Dextrose
d. Amino acid

88. If the prescription has the letters “DAW”, it means which of the following?

a. Do as directed.
b. Dispense as written.
c. Devised as written.
d. Do as written.

89. Which of the following is an administration route for insulin?

a. Intramuscularly
b. Subcutaneously
c. Intravenously
d. Intradermally

90A. The container of Viracept powder contains 144 gm of the drug. If a one scoop of powder contains 50 mg of the drug, how many scoops are required to finish the whole container?

a. 1000
b. 2880
c. 1500
d. 500

90B. If a patient were taking 1250 mg of the drug twice a day, how many scoops per day would he require?

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