

EXCPT PRACTICE EXAM

Answers are on page 278.

1. Which of the following may be performed only by a pharmacist?
 - a. Accepting a call from a wholesaler about an order
 - b. Accepting a return call from a prescriber's office clarifying a prescription
 - c. Calling a prescriber on behalf of a patient to request refills
 - d. Calling an insurance company to verify a patient's eligibility
2. All of the following duties may be performed by a pharmacy technician EXCEPT
 - a. requesting PHI from a patient such as date of birth, address, allergy, and insurance information.
 - b. selecting an OTC product for a patient.
 - c. inputting and updating patient information in the computer.
 - d. placing the medication in a vial and attaching the prescription label to it.
3. A patient brings in two new prescriptions from two different doctors. One prescription is for ibuprofen 800 mg, 1 tablet po t.i.d. and another prescription is for Anaprox DS®, 1 tablet b.i.d. What should the technician do?
 - a. Tell the patient to decide which prescription s/he wants to fill
 - b. Tell the patient that s/he must get generic for both prescriptions
 - c. Alert the pharmacist of a possible therapeutic duplication
 - d. Fill both prescriptions as written
4. A list of the goods or items a business will use in its normal operation is called a (an)
 - a. open formulary.
 - b. closed formulary.
 - c. inventory.
 - d. protocol.
5. What type of medication is associated with causing birth defects if taken by pregnant women?
 - a. carcinogenic
 - b. teratogenic
 - c. mutagenic
 - d. photogenic
6. In receiving an order, it is important to be alert for drugs that have been incorrectly picked, received damaged, are outdated, or missing, so orders are reconciled
 - a. item by item.
 - b. once per month.
 - c. once per year.
 - d. every two years.
7. A small volume intravenous bag specifically used to deliver medication is called an
 - a. LVP.
 - b. IVPB.
 - c. vial.
 - d. ampule.
8. According to federal law, the prescriber must provide his/her DEA number for which of the following prescriptions?
 - a. Dilantin®
 - b. Xanax®
 - c. Wellbutrin®
 - d. Prozac®
9. Isotretinoin is associated with
 - a. iPLEDGE.
 - b. RevAssist.
 - c. STEPS.
 - d. TOUCH.
10. SDS sheets provide
 - a. protocols for pharmacy evacuations.
 - b. safety codes from OSHA.
 - c. ordering numbers from the wholesaler.
 - d. information about hazardous substances.

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11. An antibiotic is prescribed 15 mg/kg twice a day by IV. What is the daily dose in mg for a child weighing 66 pounds?
 - a. 225 mg
 - b. 450 mg
 - c. 675 mg
 - d. 900 mg
12. Outdated drugs can be
 - a. sent to reverse distributors.
 - b. shipped to the DEA.
 - c. shipped to the state board of pharmacy.
 - d. stocked with medications that are to be dispensed.
13. An example of a major drug-drug interaction is
 - a. warfarin-aspirin.
 - b. hydrocodone-codeine.
 - c. guaifenesin-pseudoephedrine.
 - d. hydrochlorothiazide-triamterene.
14. The patient's _____ is necessary for billing a prescription.
 - a. birth date
 - b. medication history
 - c. allergy information
 - d. disease information
15. As you are putting away an order from a wholesaler, you notice one bottle is missing a label. The pharmacist tells you that the medication cannot be dispensed and must be returned to the wholesaler or destroyed. The drug cannot be dispensed because it is
 - a. adulterated.
 - b. misbranded.
 - c. exempt.
 - d. recycled.
16. Companies that administer drug benefit programs are called
 - a. HMOs.
 - b. PBMs.
 - c. MACs.
 - d. PPOs.
17. Copy 2 of DEA Form 222 is
 - a. retained by the pharmacy.
 - b. retained by the wholesaler.
 - c. retained by the manufacturer.
 - d. forwarded to the DEA.
18. Proper disposal or destruction of non-returnable medications includes
 - a. placement in regular trash.
 - b. flushing down a sink or water system.
 - c. using a company that meets EPA regulations.
 - d. selling the medications at a discount.
19. A doctor has prescribed a 1 mg/kg dose for a 2 kg infant. What is the safest way to express the dose??
 - a. 0.002 g
 - b. 2.0 mg
 - c. 2 mg
 - d. 0.0020 g
20. Exempt narcotics are in DEA schedule
 - a. II.
 - b. III.
 - c. IV.
 - d. V.
21. Exempt narcotics are regulated for how many dosage units can be sold without a prescription in a _____ hour period.
 - a. 24
 - b. 48
 - c. 72
 - d. 168

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22. Federal law requires pharmacies to keep _____ of the DEA Form 222.
 - a. Copy 1
 - b. Copy 2
 - c. Copy 3
 - d. Copy 4
23. For aseptic technique, all work should be performed at least _____ inches inside the laminar flow hood.
 - a. 2
 - b. 4
 - c. 6
 - d. 8
24. All of the following are used to store medications EXCEPT
 - a. automated dispensing machines.
 - b. carousels.
 - c. Pyxis machines.
 - d. shoe boxes.
25. Counseling as required by OBRA is provided by
 - a. physicians.
 - b. physician assistants.
 - c. certified pharmacy technicians.
 - d. pharmacists.
26. All of the following pharmacy personnel must be formally trained on HIPAA EXCEPT
 - a. pharmacy technicians.
 - b. pharmacists.
 - c. pharmacy clerks.
 - d. none of the above.
27. For the following prescription, how much drug is taken each day?
Amoxicillin 250 mg/5 mL 150 mL, Sig: 2 teaspoons t.i.d.
 - a. 15 mL
 - b. 30 mL
 - c. 45 mL
 - d. 50 mL
28. HIPAA is a federal law that protects a patient's PHI when it is
 - a. written.
 - b. electronically transferred.
 - c. spoken.
 - d. all of the above.
29. The directions on a prescription read ii gtt q8h ou. The directions on the label should read:
 - a. Instill one drop in the right ear every eight (8) hours.
 - b. Inhale two puffs orally every eight (8) hours.
 - c. Instill two drops in each eye every eight (8) hours.
 - d. Take two drops by mouth every eight (8) hours.
30. How many cases of 8 dram vials should be ordered to last two weeks if there are 500 vials per case and the pharmacy uses 120 vials per day on average?
 - a. 2
 - b. 4
 - c. 6
 - d. 8
31. The common abbreviation ss means
 - a. safety service
 - b. left ear.
 - c. left eye.
 - d. one-half.
32. Which abbreviation is on The Joint Commission's "Do Not Use List"?
 - a. qd
 - b. prn
 - c. ac
 - d. mg

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33. How many grams of sucrose are needed to prepare 4 ounces of a 20% solution?
 - a. 6
 - b. 12
 - c. 24
 - d. 36
34. How many milliliters of magnesium sulfate 4 mEq/mL are needed to add 10 mEq of magnesium sulfate to an IV bag?
 - a. 2
 - b. 2.5
 - c. 4
 - d. 10
35. Aseptic techniques are methods used to maintain
 - a. pH.
 - b. temperature.
 - c. osmolarity.
 - d. sterility.
36. How much hydrocortisone powder is needed to compound 60 g of hydrocortisone cream 2%?
 - a. 1.2 mg
 - b. 1,200 mg
 - c. 0.06 g
 - d. 6 g
37. Good interpersonal skills include
 - a. making eye contact.
 - b. calling the patient by name.
 - c. listening carefully.
 - d. all of the above.
38. How much should be withdrawn from a vial if the strength of the medication is 1 mg/mL and a dose of 5,000 micrograms is needed?
 - a. 0.25 mL
 - b. 0.5 mL
 - c. 1 mL
 - d. 5 mL
39. How should a prescription for BenzaClin® be stored after it has been mixed?
 - a. Refrigerator
 - b. Freezer
 - c. Room temperature
 - d. In a warm and moist environment as defined by USP
40. Which dispensing code should be used for a prescription written for Cymbalta 20 mg if DAW was not written on the prescription?
 - a. 0
 - b. 1
 - c. 2
 - d. 3
41. If a medication is to be taken p.c., when should it be taken?
 - a. After meals
 - b. In the evening
 - c. Before meals
 - d. In the morning
42. Which dispensing code should be used for a prescription written for Norvasc 5 mg if the patient requested brand name and DAW was not written on the prescription?
 - a. 0
 - b. 1
 - c. 2
 - d. 3
43. If the dose of liquid amoxicillin for a child is one and one-half teaspoonsful three times a day for 10 days, what is the volume needed to fill the prescription?
 - a. 100 mL
 - b. 150 mL
 - c. 200 mL
 - d. 225 mL

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44. Information about generic equivalents can be found in the
a. RED BOOK.
b. "Orange Book."
c. blue book.
d. green book.
45. Tall man letters are used
a. to distinguish look-alike, sound-alike drug names.
b. to promote brand products.
c. for growth hormones.
d. for fast movers.
46. MedWatch Form 3500 is for reporting adverse reactions to
a. vaccines.
b. drugs.
c. veterinary products.
d. produce.
47. Normal saline solution is
a. hypotonic.
b. isotonic.
c. hypertonic.
d. hyperosmotic.
48. OSHA required notices for hazardous substances that provide hazard, handling, clean-up, and first aid information are called
a. MAC.
b. SDS.
c. MEC.
d. HCFA-1500.
49. When a technician receives a rejected claim "NDC Not Covered," this probably means
a. the insurance plan has a closed formulary.
b. the insurance plan has an open formulary.
c. the birth date submitted does not match the birth date on file.
d. the patient has single coverage.
50. The age required to purchase a CV exempt narcotic without a prescription is
a. 16 years and older.
b. 18 years and older.
c. 19 years and older.
d. 21 years and older.
51. Premarin® cream has been prescribed 0.5 g pv twice a week. The medication should be administered
a. vaginally.
b. rectally.
c. on the stomach.
d. on the forearms.
52. Lidoderm® is an example of an
a. analgesic.
b. antianxiety.
c. anesthetic.
d. antidepressant.
53. What is the % concentration if 134 g of sugar is in 200 mL of aqueous solution?
a. 33%
b. 50%
c. 67%
d. 75%
54. Sublingual nitroglycerin is used for
a. hyperlipidemia.
b. angina.
c. hypertension.
d. coagulation.
55. The term for a drug that reduces fever is
a. analgesic.
b. antipyretic.
c. anti-inflammatory.
d. antidepressant.

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56. When a technician receives a rejected claim "Invalid Person Code," this probably means
 - a. the patient is on Medicare.
 - b. the patient has a mail order program.
 - c. the person code entered does not match the birth date and/or sex in the insurer's computer.
 - d. the patient is on Medicaid.
57. When a technician receives a rejected claim "Unable to Connect," this probably means
 - a. the insurer has an incorrect birth date for the patient.
 - b. the patient's coverage has expired.
 - c. the connection with the insurer's computer is temporarily unavailable due to computer problems.
 - d. the insurer has a closed formulary.
58. The class of drugs to dissolve blood clots is
 - a. thrombolytics.
 - b. vasopressors.
 - c. antianginals.
 - d. antihypertensives
59. The CMEA sets _____ and _____ limits on the over-the-counter sale of pseudoephedrine.
 - a. daily, weekly
 - b. weekly, monthly
 - c. daily, monthly
 - d. monthly, yearly
60. The commission that surveys and accredits health-care organizations is the
 - a. DPH.
 - b. FDA.
 - c. ASHP.
 - d. TJC.
61. Nitroglycerin sublingual tablets should be dispensed
 - a. in a glass container.
 - b. in a plastic container.
 - c. with a cotton plug.
 - d. with a medicine dropper.
62. Which medical abbreviation is most acceptable?
 - a. q1d
 - b. AD
 - c. BID
 - d. SSI
63. The directions state 2 gtt a.u. q12h. How is the drug to be administered?
 - a. Both ears
 - b. Right eye
 - c. By mouth
 - d. Topically
64. The CPT codes for billing Medication Therapy Management services provided by pharmacists are
 - a. MAC.
 - b. PPO.
 - c. ICD-9.
 - d. 99605, 99606, and 99607.
65. Which of the following types of information is generally not required for online claim processing?
 - a. Birth date
 - b. Sex
 - c. Group number
 - d. Height
66. The following drugs are antidepressants EXCEPT
 - a. escitalopram
 - b. sertraline
 - c. venlafaxine
 - d. diazepam

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67. The following drugs are considered antihyperlipidemic drugs EXCEPT
- Pravachol®.
 - Tricor®.
 - Vytorin®.
 - Aldactone®.
68. A high-alert medication has _____.
- high risk for abuse
 - at least one look-alike or sound-alike
 - confusion associated with its abbreviations
 - high risk for serious harm if there is an error
69. The generic name for Neurontin® is
- gabapentin.
 - etodolac.
 - nabumetone.
 - finasteride.
70. The government agency that regulates investigational medications is the
- FDA.
 - DEA.
 - CPSC.
 - USP.
71. An example of a robotic dispensing machine is
- Pyxis.
 - Parata Max.
 - Kirby Lester.
 - a carousel.
72. The middle set of digits of the NDC represents
- the manufacturer.
 - product identification.
 - package size.
 - country of origin.
73. Patient Package Inserts (PPIs) are required to be dispensed with all new prescriptions and at least every 30 days with refill prescriptions for
- oral contraceptives.
 - antibiotics.
 - cough syrups.
 - NSAIDs.
74. The pharmacist should be alerted if a patient is allergic to sulfa and prescribed
- Ceftin®.
 - Keflex®.
 - Erythrocine®.
 - Bactrim®.
75. The *RED BOOK* provides information about
- pricing.
 - stability.
 - solubility.
 - generic substitution.
76. Prescriptions for controlled substances from Schedules II, III, and IV must contain the following warning
- Take with food.
 - May cause drowsiness.
 - Caution: Federal law prohibits the transfer of this drug to any person other than the patient for whom it was prescribed.
 - Take on an empty stomach.
77. The temperature of a refrigerator in a pharmacy should generally be
- 33–45°F.
 - 40–42°F.
 - 43–55°F.
 - 50–52°F.

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78. The type of formulary that allows the pharmacy to obtain only drugs listed on the formulary with no exceptions is a/an
 - a. open formulary.
 - b. closed formulary.
 - c. third-party formulary.
 - d. P&T list.
79. The type of medication order for medication to be administered only on an as-needed basis is called a
 - a. standing order.
 - b. PRN order.
 - c. STAT order.
 - d. standard order.
80. The unique identifying number of a drug is called a/an
 - a. NDC.
 - b. PHI.
 - c. NPI.
 - d. DEA.
81. Which organization provides lists of error-prone abbreviations?
 - a. APhA
 - b. ISMP
 - c. ASHP
 - d. FDA
82. When compounds are prepared from solids dissolved in water, the beyond-use date should not be later than _____ when stored in the refrigerator.
 - a. 5 days
 - b. 7 days
 - c. 10 days
 - d. 14 days
83. The type of recall for drug products most likely to cause serious adverse effects or death is
 - a. Class I.
 - b. Class II.
 - c. Class III.
 - d. Class V.
84. Under HIPAA, who *cannot* have access to information about a patient's prescription?
 - a. The patient
 - b. The pharmacist & support staff
 - c. The physician/prescriber and support staff
 - d. The pharmaceutical companies or their representatives
85. Which medication is most likely okay to crush or split?
 - a. enteric coated tablet
 - b. scored tablet
 - c. extended-release capsule
 - d. liquid with delayed-release beads
86. Warfarin is a common
 - a. thrombolytic.
 - b. anticoagulant.
 - c. vasopressor.
 - d. vasodilator.
87. What is the cost for 60 tablets of a drug if the cost for 100 tablets is \$75.00?
 - a. \$39.30
 - b. \$43.66
 - c. \$45
 - d. \$48.46
88. Which type of mortar and pestle is recommended for mixing liquids and semisolids?
 - a. Wedgewood
 - b. Porcelain
 - c. Glass
 - d. Earthenware

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89. When compounding parenterals, multi-dose vials
- can be reused within 24 hours if they are refrigerated.
 - can be used within 48 hours if they are refrigerated.
 - do not contain preservatives.
 - contain preservatives.
90. What size insulin syringe is needed to deliver a dose of 60 units?
- 0.3 mL
 - 0.5 mL
 - 1 mL
 - 2 mL
91. Irrigation solutions are administered
- through a filter needle.
 - through a special administration set.
 - orally.
 - by pouring from a bottle.
92. Which class of drugs is used to treat elevated blood lipids?
- Keratolytics
 - Anthelmintics
 - Antihyperlipidemics
 - Antihistamines
93. Which dispensing code should be entered if a physician has ordered Coumadin DAW?
- 0
 - 1
 - 2
 - 3
94. Which drug does not require child resistant packaging according to the Poison Prevention Packaging Act?
- Nitroglycerin sublingual tablets
 - Isosorbide dinitrate oral tablets
 - Nitroglycerin sustained release capsules
 - Isosorbide mononitrate oral tablets
95. If a laminar airflow workstation is turned off between aseptic processing sessions, how long should it run before it is used again?
- Does not matter.
 - At least 15 minutes.
 - At least 30 minutes.
 - It should never be turned off.
96. Which drug is an NSAID?
- Bumetanide
 - Meloxicam
 - Meropenem
 - Letrozole
97. Which information is not required by federal law on a prescription label?
- Date
 - Patient's name
 - Prescriber's name
 - National drug code
98. Which of the following is a high-alert medication?
- amoxicillin
 - atenolol
 - nitroglycerin
 - insulin
99. Another term for taking medications correctly:
- medication adherence
 - drug optimization
 - health literacy
 - REMS
100. Which of the following drugs is considered a diuretic?
- Furosemide
 - Diltiazem
 - Amlodipine
 - Hydralazine

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101. Which of the following drugs is considered an analgesic?
 - a. Diclofenac
 - b. Clopidogrel
 - c. Fenofibrate
 - d. Diazepam
102. Which of the following drugs is NOT an antihistamine?
 - a. Diphenhydramine
 - b. Paroxetine
 - c. Desloratadine
 - d. Levocetirizine
103. REMS are required for
 - a. drugs that require refrigeration
 - b. drugs that have look-alikes
 - c. vaccines
 - d. drugs with serious safety concerns
104. A heparin lock is used with a/an
 - a. short piece of tubing.
 - b. LVP solution.
 - c. TPN solution.
 - d. peristaltic pump.
105. While preparing a prescription, a bottle of finasteride is spilled on the floor and some tablets are broken. Who should stay away from the spill area?
 - a. Males with BPH
 - b. Females in menopause
 - c. Females who are or may become pregnant
 - d. Males with hypertension
106. Healthcare providers are encouraged to report _____ to VAERS.
 - a. misbranded drugs
 - b. adulterated drugs
 - c. any adverse event associated with vaccine administration
 - d. REMS
107. You are preparing a prescription for Patanol®. Where in the pharmacy should you look for the drug?
 - a. Ophthalmics and otics
 - b. Tablets and capsules
 - c. Creams and ointments
 - d. Refrigerator
108. You are putting away an order from a wholesaler and notice the packages in one order crate are floating in water. The pharmacist tells you that the medications in that crate cannot be dispensed and must be destroyed or returned to the wholesaler. These drugs cannot be dispensed because they are
 - a. adulterated.
 - b. misbranded.
 - c. exempt.
 - d. recycled.
109. Which route of administration is least likely to give a systemic effect?
 - a. Oral
 - b. Sublingual
 - c. Rectal
 - d. Intradermal
110. Pneumovax 23® should be stored at 36°-46°F or colder. What temperature is this in degrees C?
 - a. 4°-12°
 - b. 3°-12°
 - c. 2°-12°
 - d. 2°-8°
111. Demerol® is an analgesic used to treat severe pain. What is the generic name?
 - a. Ibuprofen
 - b. Meperidine
 - c. Naproxen
 - d. Morphine

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112. Antipyretic drugs are used to reduce fever. An example of an antipyretic drug is
- morphine.
 - ibuprofen.
 - meperidine.
 - codeine.
113. A patient has been prescribed Bactrim®. What is an important caution for this prescription?
- It is only available as an injection.
 - It should be kept in the refrigerator.
 - It is associated with extreme drowsiness.
 - It is important to drink plenty of water.
114. What is the generic name for Tenormin®?
- Metoprolol
 - Nadalol
 - Propranolol
 - Atenolol
115. This is designed to call attention to serious or life-threatening risks and appears on a prescription drug's label:
- legend
 - controlled substance mark
 - black box warning
 - Tall Man lettering
116. An example of a diuretic that can cause hypokalemia is
- spironolactone.
 - triamterene.
 - hydrochlorothiazide.
 - amlodipine.
117. The generic name for Vasotec® is
- enalapril.
 - simvastatin.
 - ramipril.
 - pravastatin
118. Lactated Ringer's solution is
- acidic.
 - hypertonic.
 - hypotonic.
 - isotonic
119. A parenteral nutrition prescription calls for 0.05 mL/kg trace elements. How many mL are needed for a 55 kg patient?
- 1.25 mL
 - 1.5 mL
 - 2.25 mL
 - 2.75 mL
120. A compounded prescription requires 5 g of tetracycline. How many 500 mg capsules are needed?
- 10
 - 20
 - 50
 - 100