

Practice Exam



1. What is the Drug Enforcement Administration (DEA) electronic program used for ordering C-II medications?
 - a. FDAS
 - b. DEAS
 - c. CSOS
 - d. CMOS
2. Which of the following numbers could lead to a medication error due to a decimal point error?
 - a. 1.5
 - b. 0.5
 - c. 3.4
 - d. 6.0
3. The third 1 or 2 digits of the NDC code represent which of the following?
 - a. The product code
 - b. The labeler code
 - c. The package code
 - d. The bar code
4. A lot number is a unique identifying code assigned to each _____ of medication produced at a given time.
 - a. Unit
 - b. Brand
 - c. Batch
 - d. Strength
5. If a medication is available as a 20 mg/5 mL suspension, how many milliliters would be needed to give a dose of 40 mg?
 - a. 5 mL

- b. 10 mL
 - c. 15 mL
 - d. 20 mL
6. Which of the following third party plans requires the patient to designate a primary care physician (PCP)?
- a. Health Maintenance Organization (HMO)
 - b. Preferred Provider Organization (PPO)
 - c. Medicare Part D
 - d. TRICARE
7. The act of reconstituting or otherwise preparing a medication into a dosage form usable by a patient is defined as which of the following?
- a. Dispensing
 - b. Graduating
 - c. Compounding
 - d. Trituration
8. Which of the following is *not* a type of pharmacy automation?
- a. Robot
 - b. Ointment slab and spatula
 - c. Barcode scanner
 - d. Tabletop tablet counter
9. Which of the following abbreviations is on The Joint Commission's (TJCs) "Do Not Use" list?
- a. qd
 - b. qid
 - c. bid
 - d. tid
10. Which of the following may a technician be responsible for in the retail pharmacy setting?
- a. Entering prescriptions into the computer
 - b. Updating the patient profile
 - c. Counting medications on a counting tray

d. All of the above

- 11.** Rotating stock is a process in which products with the shortest expiration dates are moved to which part of the shelf when stocking?
- a. Side
 - b. Back
 - c. Front
 - d. Bottom
- 12.** Which of the following drugs is indicated for the treatment of influenza?
- a. Augmentin
 - b. Tamiflu
 - c. Levaquin
 - d. Valtrex
- 13.** Which of the following organizations accredits hospitals?
- a. Institute of Safe Medication Practices (ISMP)
 - b. National Patient Safety Foundation
 - c. The Joint Commission (TJC)
 - d. The American Heart Association
- 14.** A drug company is required to remove their medication from market due to the risk of death. What type of recall is this?
- a. Class I
 - b. Class II
 - c. Class III
 - d. Market withdrawal
- 15.** If a patient picks up 60 tablets of a medication with the directions, 1 tablet PO qid, how long will this last the patient?
- a. 15 days
 - b. 20 days
 - c. 30 days
 - d. 45 days
- 16.** The abbreviation USP refers to which of the following?

- a. United States Pharmacopeia
- b. United States Pharmacists
- c. Universal Sales Program
- d. United Service Plan

17. Which clinical decision support system (CDSS) function helps identify patient adherence?

- a. Therapeutic duplication
- b. Drug-allergy
- c. Drug-laboratory
- d. Over- or underutilization

18. When is the last day that a medication can be safely used if it has an expiration date of January 2017?

- a. December 31, 2016
- b. January 1, 2017
- c. January 31, 2017
- d. December 31, 2017

19. Which organization oversees Medwatch?

- a. FDA
- b. DEA
- c. USP
- d. TJC

20. How many patient identifiers should be used to verify a patient's identity?

- a. 1
- b. 2
- c. 3
- d. 4

21. Costs that a member pays which are sometimes limited by the insurance policy are known as which of the following?

- a. Out-of-pocket expenses
- b. Member services
- c. Dependents

d. Subscribers

- 22.** The DEA Form 222 is a(n) _____ form designed specifically for the sale of C-II medications.
- a. Duplicate
 - b. Triplicate
 - c. Electronic
 - d. Optional
- 23.** The inscription is the part of the prescription that contains which of the following?
- a. Directions to the pharmacist
 - b. Directions to the patient
 - c. The Rx symbol
 - d. The medication prescribed, quantity, and strength
- 24.** Which of the following strategies can help prevent illegible handwriting errors?
- a. Verbal orders
 - b. Telephone orders
 - c. Computerized physician order entry (CPOE)
 - d. Handwriting classes
- 25.** What is the temperature range for storage of frozen products?
- a. -20 to -10°C
 - b. 2 to 8°C
 - c. -20 to -10°F
 - d. 2 to 8°F
- 26.** Fluconazole is indicated for the treatment of which of the following?
- a. Candidiasis
 - b. Influenza
 - c. Bacterial infection
 - d. Herpes
- 27.** In which reference book would you find information regarding the storage

requirements of a medication?

- a. *Drug Facts and Comparisons*
- b. *Natural Standard*
- c. *Federal Law Book*
- d. *NeoFax*

28. A patient is ordered 25 mg of hydroxyzine to be taken tid for 20 days. How many capsules should be dispensed for this order, if the pharmacy stocks 25-mg capsules?

- a. 30 capsules
- b. 40 capsules
- c. 50 capsules
- d. 60 capsules

29. Which of the following is a solid ingredient dissolved in a liquid?

- a. Solvent
- b. Solution
- c. Solute
- d. Suspension

30. Which of the following medications has a narrow therapeutic range?

- a. Esomeprazole
- b. Insulin
- c. Ibuprofen
- d. Albuterol

31. Which organization is solely dedicated to medication error prevention?

- a. OSHA
- b. FDA
- c. TJC
- d. ISMP

32. What does the DEA enforce?

- a. State-specific dispensing laws
- b. Pharmacist licensing
- c. Controlled substance laws of the United States

d. OTC product labeling

- 33.** Where should the medications that must be protected from light be stored until use?
- a. In the refrigerator
 - b. In a cabinet
 - c. In their original containers
 - d. In the basement
- 34.** Which of the following patients are at the highest risk of a calculation error?
- a. A 2 year-old girl
 - b. A 16 year-old adolescent girl
 - c. A 34 year-old man
 - d. A 66 year-old woman
- 35.** Which of the following is true about patient's allergy information?
- a. Is not necessary
 - b. Should be reviewed frequently with patients
 - c. Should include *only* drug-allergy information
 - d. May not be collected by technicians
- 36.** Which of the following is a COX-2 selective anti-inflammatory?
- a. Celebrex
 - b. Cambia
 - c. Cataflam
 - d. Caldolor
- 37.** Which part of Medicare covers durable medical equipment (DME) and physician services or outpatient hospital visits?
- a. Part A
 - b. Part B
 - c. Part C
 - d. Part D
- 38.** Which of the following medications is in schedule III?

- a. Pregabalin
- b. Buprenorphine
- c. Zolpidem
- d. Temazepam

39. What is identifying, analyzing, assessing, and controlling risk?

- a. CQI
- b. PSO
- c. Risk management
- d. Productivity

40. A lot of Tylenol has been determined to contain only 160 mg per tablet rather than the labeled 325 mg. In which class would this product be recalled?

- a. Class I
- b. Class II
- c. Class III
- d. This product would not be recalled

41. tid is the sig code for which of the following?

- a. Twice daily
- b. Three times daily
- c. Four times daily
- d. Five times daily

42. Which of the following organizations is devoted entirely to medication error prevention?

- a. Agency for Healthcare Research and Quality
- b. Food and Drug Administration
- c. Institute of Safe Medication Practices
- d. The Joint Commission

43. In which reference book would you find information regarding dosage forms available for a specific medication?

- a. Natural Product Reference
- b. Federal Law Book

- c. General Drug Information Reference
- d. Patient Handout Information Reference

44. Sumatriptan is indicated for which of the following?

- a. Hypertension
- b. Back pain
- c. Migraine
- d. Parkinson disease

45. What did the Pure Food and Drug Act of 1906 require?

- a. That drugs not be mislabeled
- b. Industry purity and strength standards
- c. Therapeutic benefit documentation
- d. Both a and b

46. Which of the following products are medications administered by any route other than oral?

- a. Intravenous
- b. Subcutaneous
- c. Parenteral
- d. Nonsterile

47. When should Pravachol be taken?

- a. Before breakfast
- b. With lunch
- c. After dinner
- d. Prior to going to bed

48. Which of the following is not an important part of a patient profile?

- a. Address
- b. Phone number
- c. Allergies
- d. All are important in a patient profile

49. Which of the following are high-alert medications?

- a. Insulin, heparin

- b. Insulin, citalopram
- c. Heparin, citalopram
- d. Morphine, pantoprazole

50. When a sentinel event occurs in a hospital, which organization is this information reported to?

- a. FDA
- b. DEA
- c. USP
- d. TJC

51. Which of the following is the abbreviation for both eyes?

- a. AU
- b. OU
- c. AD
- d. AS

52. Which of the following is a correct DEA number for a resident at University Hospital?

- a. AU2866626
- b. AU2866626-2132
- c. BH2866626
- d. BH2866626-2132

53. When a patient has multiple insurance providers, and one is selected as primary and billed first, to ensure there is not a duplication of payments, this is known as which of the following?

- a. Point-of-service
- b. Coordination of benefits
- c. Pharmacy benefit manager
- d. Third party resolution

54. What is the primary indication of angiotensin-converting enzyme inhibitors (ACEIs)?

- a. Hypertension
- b. Hyperlipidemia

- c. Hypertriglyceridemia
- d. Hyperactivity attention disorder

55. Which of the following pharmacy personnel can counsel a patient on how to use a fluticasone inhaler?

- a. Cashier
- b. Pharmacy technician
- c. Certified pharmacy technician
- d. Pharmacist

56. Drugs are intended for use in which of the following?

- a. Prevention of disease
- b. Treatment of disease
- c. Diagnosis of disease
- d. All of the above

57. What should the technician use on the stock bottle to verify the correct medication was pulled for the filling process?

- a. Expiration date
- b. Lot number
- c. Drug strength
- d. NDC number

58. You extemporaneously compounded Magic Mouthwash on January 1, 2014. Your pharmacy's recipe for Magic Mouthwash contains viscous lidocaine (expiration date September 2014), diphenhydramine oral solution (expiration date February 2015), and Maalox (expiration date March 2014). What is the beyond-use date of your compounded Magic Mouthwash?

- a. January 15, 2014
- b. January 31, 2014
- c. March 31, 2014
- d. January 1, 2015

59. Which of the following methods is preferred for prescription generation?

- a. Telephone
- b. E-prescribing

- c. Handwritten
- d. Faxed copy

60. How many refills are permitted on a schedule-II medication?

- a. Five times in 6 months
- b. Zero
- c. One
- d. Six times in 5 months

61. Which of the following committees manages the formulary system?

- a. Medical Executive Committee
- b. Nursing Council
- c. Pharmacy and Therapeutics Committee
- d. Pharmacy Administration Board

62. Which of the following may be provided by a clinical decision support system (CDSS)?

- a. Drug-allergy
- b. Therapeutic duplication
- c. Pharmacokinetic monitoring
- d. All of the above

63. What fee is usually paid monthly to an insurance company by the policy holder?

- a. Deductible
- b. Copayment
- c. Premium
- d. Coinsurance

64. Nitrates should not be given concurrently with which medication?

- a. Aspirin
- b. Diltiazem
- c. Sildenafil
- d. Valsartan

65. Which type of medication order is given at the same time every day?

- a. STAT order
- b. Discharge order
- c. PRN order
- d. Scheduled order

66. Calculate the last digit of the DEA number BE214855_.

- a. 0
- b. 9
- c. 8
- d. 7

67. Which of the following medication is a short-acting β_2 agonist (rescue inhaler)?

- a. Proventil
- b. Foradil
- c. Flovent
- d. Spiriva

68. Which of the following is not a biometric identifier?

- a. Fingerprint
- b. Face recognition
- c. Password
- d. DNA

69. How many schedules of medications were defined by the Controlled Substances Act?

- a. 4
- b. 5
- c. 2
- d. 1

70. Calculate the number of tablets needed to fill the following prescription: metformin 500 mg 1 PO bid.

- a. 15 tablets
- b. 30 tablets
- c. 45 tablets

d. 60 tablets

- 71.** A spouse of the card holder would be a person code of which of the following?
- a. 1
 - b. 2
 - c. 3
 - d. 4
- 72.** What is an example of a drug-laboratory alert?
- a. Elevated international normalized ratio (INR) for a patient on warfarin
 - b. Bactrim being prescribed for a patient with a sulfa allergy
 - c. Lisinopril being prescribed for a pregnant patient
 - d. Pantoprazole being ordered for a patient on omeprazole
- 73.** Which of the following is the process in which unused or expired medications are returned to the manufacturer?
- a. Geometric dilution
 - b. Hazardous waste
 - c. Reverse distribution
 - d. DEA Form 222
- 74.** If a prescription order calls for 2 tbsp tid dispense 450 mL, how long will this last the patient?
- a. 5 days
 - b. 15 days
 - c. 20 days
 - d. 30 days
- 75.** Which of the following is used for constipation?
- a. Lomotil
 - b. Zofran
 - c. Imodium
 - d. Miralax
- 76.** A physician orders gentamicin 70 mg q12h. Gentamicin is available as an

injectable 40 mg/mL solution. How much gentamicin must be drawn up in order to dispense the ordered dose?

- a. 0.6 mL
- b. 1.75 mL
- c. 2.5 mL
- d. 3.5 mL

77. Medications with a high abuse potential and with acceptable uses are considered as which of the following?

- a. Schedule II
- b. Schedule III
- c. Schedule I
- d. OTC

78. If a patient was taking a medication q8h, how many times daily would this medication be taken?

- a. 2
- b. 3
- c. 4
- d. 5

79. What time of the day should bisphosphonates be taken?

- a. Before breakfast
- b. With lunch
- c. Before dinner
- d. At bedtime

80. Assuming all are available, which of the following size syringes should be used to withdraw 8 mL of solution from a vial?

- a. 5 mL
- b. 10 mL
- c. 20 mL
- d. 30 mL

81. Which of the following is an example of a schedule-II medication?

- a. Heroin

- b. Morphine
- c. Lorazepam
- d. Pregabalin

82. Which of the following would Medicare Part D *not* cover?

- a. DME
- b. Lipitor
- c. Lisinopril
- d. Zetia

83. A patient is ordered to take 4 mL of medication that is stocked as 200 mg/5 mL. How many milligrams are contained in 1 dose?

- a. 125 mg
- b. 150 mg
- c. 160 mg
- d. 200 mg

84. Where would a buccal tablet be placed?

- a. Orally
- b. Rectally
- c. Between the cheek and gums
- d. Under the tongue

85. When must an offer to counsel a patient be made?

- a. Prior to dispensing the finished product
- b. Via phone call 1 week after dispensing
- c. On dispensing the finished product to the patient
- d. None of the above

86. Which of the following routes has the fastest onset of action?

- a. Oral
- b. Intravenous injection
- c. Transdermal
- d. Intramuscular

87. Which of the following is an example of a medication that does *not* require

child-resistant packaging?

- a. Ovcon
- b. Zyrtec
- c. Protonix
- d. Zocor

88. Which of the following is the abbreviation for nitroglycerin?

- a. NS
- b. mL
- c. FeSO_4
- d. NTG

89. Which chapter of USP defines guidelines for sterile compounding?

- a. 795
- b. 797
- c. 979
- d. 959

90. If a patient has a 5-fl oz bottle of medication, how many 1-tsp doses can they get from this bottle?

- a. 10 doses
- b. 15 doses
- c. 20 doses
- d. 30 doses