

RPh on the Go, USA Inc.

PHARMACY TECHNICIAN QUESTIONNAIRE

If you are able to work in both Retail and Hospital settings, answer all questions.

If you are able to work only in a Retail setting, answer all questions up to the section "Questions For Hospital Technicians."

If you are able to work only in a Hospital setting, answer only the questions in the section "Questions For Hospital Technicians."

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

SOCIAL SECURITY NUMBER: \_\_\_\_\_

• DEFINE THE FOLLOWING ABBREVIATIONS:

qid	_____	os	_____
qhs	_____	au	_____
STAT	_____	ac	_____
ss	_____	pr	_____
gtts	_____	prn	_____
qod	_____	tid	_____

• CIRCLE THE CORRECT DRUG NAME:

Anticoagulating Agent:	Cardura	Coumadin
Antidepressive Agent:	Prozac	Prilosec
Antihypertensive Agent:	Hydroxyzine	Hydralazine
Potassium Sparing Diuretic:	Amiloride	Amlodipine
Beta Adrenergic Blocker:	Atenolol	Albuterol
Antihyperglycemic Agent:	Micro K	Micronase
Anticonvulsant Agent:	Toradol	Tegretol
Narcotic Analgesic	Cardene	Codeine

• **CONVERT THE FOLLOWING:**

1 Tbsp. = _____ tsp.	1 kg. = _____ lb.	1 tsp. = _____ ml
3 quarts = _____ pint	1 fl. oz. = _____ ml	1 pint = _____ ml
1 kg. = _____ gm.	1 grain = _____ mg	1 mg = _____ $\mu$ g

• **CIRCLE THE LETTER OF THE BEST ANSWER:**

1. If an insurance company will pay for a 21-day supply only and the prescription reads "i-ii q4-6h," what is the maximum number of units that can be dispensed?  
A. 84  
B. 126  
C. 168  
D. 252
2. An order calls for cefixime 75 mg q.d. for 10 days. If a 100 mg/5 ml suspension is used, the volume of each daily dose will be:  
A. 2.75 ml  
B. 3.75 ml  
C. 6.70 ml  
D. 7.50 ml
3. You receive a prescription for Ceclor suspension 125 mg/5 ml, 1.5 tsp. tid X 10 days. The appropriate quantity to dispense would be:  
A. 125 ml  
B. 150 ml with one refill  
C. 200 ml  
D. 225 ml
4. A Rx for Coumadin 7.5 mg reads "ii tabs po bid x 3 days, ii tabs po qd x 3 days, i tab po qd x 2 days." How many tablets should be dispensed?  
A. 16  
B. 20  
C. 22  
D. 24
5. Which of the following correctly describes the manner in which records of the receipt and disposition of all controlled substances must be kept?  
A. records of Schedule I or II substances must be maintained separately from all other records of the registrant.  
B. records of Schedule I, II, or III substances must be maintained separately from all other records of the registrant.  
C. records of Schedule I, II, III, or IV substances must be maintained separately from all other records of the registrant  
D. records of Schedule I or II substances need not be kept separately, provided that the information is readily retrievable.

6. The cost-sharing plan in which patients pay a specified dollar amount for every prescription received is known as:
- A. full payment.
  - B. deductible.
  - C. co-payment.
  - D. co-insurance.
7. According to federal law, prescription orders for controlled drugs (Schedules II - IV) must contain all of the following EXCEPT the:
- A. physician's telephone number.
  - B. physician's DEA registration number.
  - C. patient's full name and address.
  - D. physician's signature.
8. All of the following are requirements for a prescription label EXCEPT:
- A. name and address of the pharmacy
  - B. name of the prescriber
  - C. serial number of the prescription
  - D. telephone number of the patient
9. If you believe someone has presented a fraudulent Rx at your pharmacy, the appropriate action would be to:
- A. call 911 immediately
  - B. call the physician whose name appears on the Rx.
  - C. discreetly notify the pharmacist so that the appropriate action may be taken.
  - D. ask the customer and find out how he/she got the Rx.
10. Refill limitations for schedule III controlled substance prescriptions are:
- A. maximum of 5 refills and not more than 6 months after date of issuance.
  - B. maximum of 5 refills and not more than 1 year after date of issuance.
  - C. maximum of 10 refills and not more than 6 months after date of issuance.
  - D. maximum of 10 refills and not more than 1 year after date of issuance.
11. If a prescription is written generically and is marked "may not substitute,"
- A. a generic drug can usually be dispensed (state law may vary)
  - B. the specific brand name drug must be dispensed
  - C. send the patient back to the physician's office for clarification
  - D. none of the above
12. Which of the following antibiotics is stable for 10 days without refrigeration?
- A. Erythromycin
  - B. Amoxicillin
  - C. Cephalexin
  - D. Biaxin
13. A medication ordered to be administered "ac" will be taken:
- A. in the morning.
  - B. after meals.
  - C. before meals.
  - D. around the clock.

14. Which of the following medications is classified as Schedule II?
- A. MS Contin
  - B. Restoril
  - C. Vicodin
  - D. Lomotil
15. Which of the following names are correctly matched?
- A. Mevacor and lovastatin
  - B. Zantac and famotidine
  - C. Pepcid and ranitidine
  - D. Axid and propranolol
16. Which of the following substances is classified as a Schedule II controlled substance?
- A. Codeine
  - B. Midazolam
  - C. Propoxyphene
  - D. Oxazepam
17. Cortisporin is ordered "a.u." Which of the following medications should be dispensed?
- A. otic suspension
  - B. ophthalmic solution
  - C. topical ointment
  - D. ophthalmic ointment
18. Which of the following describes a drug administration method that achieves controlled release of the product using a flat unit applied to the skin?
- A. intradermal
  - B. subcutaneous
  - C. sublingual
  - D. transdermal
19. If a patient receives a prescription for Ecotrin, which auxiliary label should be affixed?
- A. take on an empty stomach
  - B. refrigerate
  - C. drowsiness may occur
  - D. do not crush or chew
20. All prescriptions must be dispensed in child proof packaging EXCEPT:
- A. Warfarin
  - B. Nitroglycerin
  - C. Digoxin
  - D. Nifedipine
21. Sublingual tablets are:
- A. placed under the tongue
  - B. dissolved in a liquid and release bubbles
  - C. placed inside the cheek
  - D. chewed before swallowing
22. You receive the following prescription: Vanceril Inhaler # 1 Sig: ii puffs inhaled bid.  
In filling this prescription, the technician should:
- A. inform the patient that the drug is a corticosteroid that has many serious side effects.
  - B. include the following directions: "Inhale 2 puffs into each nostril three times a day."
  - C. provide the patient with the "For the Patient" instructions included with the inhaler.
  - D. tell the patient to use this inhaler only when he/she needs it.

23. When selling an over the counter nasal decongestant spray, which question can the technician answer without referring the customer to the pharmacist?
- A. Can I take this drug with my blood pressure medicine?
  - B. I keep using this spray, but my nose seems to get stuffier.
  - C. Is there a less expensive generic of this nose spray available?
  - D. I've had this cold for 4 weeks. Do you think I should see the doctor?
24. A prescription that is to be given "ii gtts o.u." should be administered to:
- A. left eye
  - B. both eyes
  - C. right ear
  - D. both ears
25. The abbreviation APAP means:
- A. as soon as possible
  - B. aspirin
  - C. acetaminophen
  - D. none of the above
26. Which of the following medications is NOT an antibiotic?
- A. Biaxin
  - B. Cefzil
  - C. Axid
  - D. Zithromax
27. Which of the following medications is a diuretic?
- A. Amiodarone
  - B. Atenolol
  - C. Furosemide
  - D. Nifedipine

**QUESTIONS FOR HOSPITAL TECHNICIANS:**

• **CIRCLE THE LETTER OF THE BEST ANSWER:**

28. When medications are repackaged into syringes for use in respiratory devices, the syringes must:
- A. be made of plastic.
  - B. not be amber-colored.
  - C. be made only of glass.
  - D. not be able to accept a needle.
29. Following the preparation of an antineoplastic IV admixture, the needle and syringe should be:
- A. disposed of in a standard waste container.
  - B. disposed of in an approved container without recapping or clipping.
  - C. recapped to prevent needle sticks.
  - D. clipped to prevent needle sticks.
30. An IV infusion order is received for lidocaine (Xylocaine) 2 g in 250 ml of D5W, to be infused at 3 mg/min. What will the flow rate be in ml/hr?
- A. 11.5 ml/hr
  - B. 22.5 ml/hr
  - C. 33.5 ml/hr
  - D. 44.5 ml/hr
31. Which of the following types of syringes should be used in the mixing of cytotoxic agents?
- A. reusable
  - B. glass
  - C. plastic
  - D. luer-lock
32. The proper technique for cleaning a horizontal laminar flow hood is to wipe:
- A. from back to front using side-to-side motions.
  - B. from back to front starting at the left side and using back-to-front motions.
  - C. from front to back using side-to-side motions.
  - D. from front to back using circular motions.
33. A pharmacy technician wishes to add 50 mg of a particular drug to 500 ml of D5W. The drug solution is supplied in a 1% concentration. The volume of the 1% concentration required to supply 50 mg of the drug is:
- A. 1 ml
  - B. 5 ml
  - C. 10 ml
  - D. 15 ml
34. Sterile products should be prepared at least \_\_\_\_\_ inches inside the laminar airflow hood.
- A. 6
  - B. 10
  - C. 2
  - D. 3
35. The only type of insulin that may be added to an IV solution is:
- A. isophane insulin
  - B. regular insulin
  - C. NPH insulin
  - D. extended insulin zinc

36. The set of procedures used for the preparation of sterile products by preventing contamination is called:
- A. eutectic mixing
  - B. filtration
  - C. trituration
  - D. aseptic technique
37. The sterile parts of a syringe that may never be touched are the:
- A. plunger and barrel
  - B. tip and plunger
  - C. barrel and hub
  - D. tip and hub
38. All of the following medications must be prepared in a vertical laminar flow hood except:
- A. cisplatin
  - B. cyclophosphamide
  - C. cefotaxime
  - D. etoposide
39. Normal saline contains:
- A. 0.45% NaCl
  - B. 4.5% NaCl
  - C. 0.9% NaCl
  - D. 9.0% NaCl
40. When a bulk solid dosage form is repackaged into unit dose packages, what expiration date must appear on the package?
- A. 50% of labeled expiration date up to a maximum of 1 year
  - B. 50% of labeled expiration date up to 6 months
  - C. 50% of labeled expiration date of bulk solid
  - D. 1 year from today
41. What does TPN stands for?
- A. Total Particles Needed
  - B. Total Percent Necessary
  - C. Toxicity Per Nephron
  - D. Total Parenteral Nutrition
42. Which syringe has the largest bore diameter?
- A. 21 gauge
  - B. 23 gauge
  - C. 25 gauge
  - D. 27 gauge
43. When you are preparing an IV, it is important to swab the needle with alcohol.
- A. True
  - B. False