

Name \_\_\_\_\_ Grade \_\_\_\_\_/70 points

### Session 2 – Final Exam

- 1) **Duragesic patches are used for patients with chronic pain. This drug is a strong narcotic. What is the generic name of Duragesic?**
  - a) Fentanyl
  - b) Morphine
  - c) Lortab
  - d) Percocet
  
- 2) **Ultram is used to treat pain. While it is not a narcotic, it is classified as a Schedule 4 controlled substance in the State of Alabama. What is the generic name of Ultram?**
  - a) Celecoxib
  - b) Fentanyl
  - c) Tramadol
  - d) Oxycodone
  
- 3) **Celebrex is a COX-2 enzyme inhibitor and classified as an NSAID (non-steroidal anti-inflammatory drug). It is used to treat pain, arthritis, and inflammation. What is the generic name of Celebrex?**
  - a) Diclofenac
  - b) Celecoxib
  - c) Ibuprofen
  - d) Rofecoxib
  
- 4) **Motrin is commonly used for pain and inflammation. It is a NSAID and comes in over the counter formulations in a 200mg tablet and a 100mg/5ml liquid suspension that is commonly used for children. What is the generic name of Motrin?**
  - a) Ibuprofen
  - b) Acetaminophen
  - c) Naproxen
  - d) Diclofenac
  
- 5) **Mobic is a very strong NSAID. When taken by mouth it is typically only taken once daily. What is the generic name of Mobic?**
  - a) Meloxicam
  - b) Motrin
  - c) Naprosyn
  - d) Indocin
  
- 6) **What is the generic name of Vicodin?**
  - a) Acetaminophen with Codeine
  - b) Hydrocodone with Acetaminophen
  - c) Oxycodone with Acetaminophen
  - d) Oxycodone ER

- 7) **Azithromycin is classified as a Macrolide Antibiotic. It is commonly used to treat community acquired pneumonia. Most often in a community pharmacy you will see the prescription prescribed in the form of a Z-Pak. What is the brand name of Azithromycin?**
- a) Zithromax
  - b) Omnicef
  - c) Penicillin VK
  - d) Keflex
- 8) **Ciprofloxacin is classified as a Fluroquinolone Antibiotic. Among some of the infections it treats – it can be used to treat urinary tract infections and pneumonia. What is the brand name of Ciprofloxacin?**
- a) Erythromycin
  - b) Minocycline
  - c) Cipro
  - d) Levofloxacin
- 9) **Clindamycin is an antibiotic that can be used to treat community acquired pneumonia and skin infections. What is the brand name of Clindamycin?**
- a) Doxycycline
  - b) Cleocin
  - c) Metronidazole
  - d) Sulfamethoxazole, trimethoprim
- 10) **Tamiflu is a medication used to treat the flu. What is the generic name of Tamiflu?**
- a) Acyclovir
  - b) Oseltamivir
  - c) Valacyclovir
  - d) Famciclovir
- 11) **Coreg is a beta blocker. It has an effect of reducing the cardiac output of the heart. It comes as a 3.125mg, 6.25mg, 12.5mg, and 25mg tablet. What is the generic name of Coreg?**
- a) Labetalol
  - b) Propranolol
  - c) Metoprolol
  - d) Carvedilol
- 12) **Lipitor is used to treat high cholesterol. What is the generic name of Lipitor?**
- a) Atorvastatin
  - b) Rosuvastatin
  - c) Lovastatin
  - d) Pravastatin

- 13) **Lisinopril is a blood pressure medication. The drug's action is at the kidney by inhibiting an enzyme known as ACE. What is the brand name of Lisinopril?**
- a) Zestril
  - b) Vasotec
  - c) Cozaar
  - d) Zestoretic
- 14) **What does qam stand for?**
- a) In the morning
  - b) In the evening
  - c) At night
  - d) At noon
- 15) **What does bid stand for?**
- a) Two times daily
  - b) Three times daily
  - c) Four times daily
  - d) Five times daily
- 16) **15ml is equivalent to...**
- a) 3 teaspoons
  - b) 1 tablespoon
  - c) ½ an ounce
  - d) all of the above
- 17) **What is the abbreviation for by mouth?**
- a) PO
  - b) PR
  - c) IM
  - d) IV
- 18) **Pharmacy Technician renewals in the State of Alabama are \_\_\_\_\_**
- a) Biennial on even years
  - b) Annually
  - c) Biennial on odd years
  - d) Quarterly
- 19) **Pharmacy Technicians need \_\_\_\_\_ Continuing Education (CE) hours per calendar year in the State of Alabama**
- a) 3 hours total – no live CE required
  - b) 6 hours total – 3 hours live required

- c) 3 hours total – 1-hour live CE required
- d) 3 hours total – 2 hours live CE required

20) **A Pharmacy Technician in the State of Alabama is required to notify the Board within \_\_\_\_\_ days of change of address or employment.**

- a) 7
- b) 5
- c) 10
- d) 14

21) **In the State of Alabama Registration for Pharmacy Technicians starts \_\_\_\_\_ and is null and void on \_\_\_\_\_ of the expiring registration year.**

- a) July 1<sup>st</sup> and is null and void on December 31<sup>st</sup>
- b) October 1<sup>st</sup> and is null and void on December 31<sup>st</sup>
- c) August 1<sup>st</sup> and is null and void on December 31<sup>st</sup>
- d) September 1<sup>st</sup> and is null and void on December 31<sup>st</sup>

22) **Registration for a Pharmacy Technician License in the State of Alabama can be found on**

- a) [www.albme.com](http://www.albme.com)
- b) [www.nabp.com](http://www.nabp.com)
- c) [www.albop.com](http://www.albop.com)
- d) [www.ptcb.com](http://www.ptcb.com)

23) **In the State of Alabama, a Pharmacy Technician must show proof of US Citizenship**

- a) True
- b) False

24) **In the State of Alabama, a Pharmacy Technician may counsel patients on their medications**

- a) True
- b) False

25) **In the State of Alabama, a Pharmacy Technician must wear a nametag identifying themselves as such at all times**

- a) True
- b) False

- 26) **In the State of Alabama, a Pharmacy Technician must work under the direct supervision of a Pharmacist at all times**
- a) True
  - b) False
- 27) **In the State of Alabama, how much Pseudoephedrine can be sold to an individual in one month?**
- a) 3.6 grams
  - b) 9 grams
  - c) 7.5 grams
  - d) 10 grams
- 28) **In the State of Mississippi, Pseudoephedrine is a controlled substance. Can a MS resident purchase this drug with a state issued ID in the state of Alabama?**
- a) Yes
  - b) No
- 29) **An example of a Schedule II controlled substance is**
- a) Morphine
  - b) Heroin
  - c) Xanax
  - d) Albuterol
- 30) **Schedule I controlled substances can be refilled**
- a) One time
  - b) Two times
  - c) Five times
  - d) None of the Above
- 31) **Schedule 3-5 controlled substances can be refilled**
- a) Up to 5 times – six months from the date the prescription was written
  - b) Up to 6 times – six months from the date the prescription was written
  - c) 12 times – 12 months from the date the prescription was written
  - d) None of the Above

- 32) **A particular State law pertaining to Pharmacy Practice is more restrictive in Alabama than current Federal Law -- which law should be followed**
- a) Federal Law
  - b) State Law
  - c) Both Laws
  - d) City Laws
- 33) **A particular Federal law pertaining to Pharmacy Practice is less restrictive than current State Law – which law should be followed**
- a) Federal Law
  - b) State Law
  - c) Both Laws
  - d) City Laws
- 34) **National Drug Codes are in the following format 54321-5432-54, the middle 4 numbers of the code stand for**
- a) Manufacturer
  - b) Drug and strength
  - c) Package size
  - d) All of the above
- 35) **Which USP chapter sets the legal standard for non-sterile compounding**
- a) USP 795
  - b) USP 797
  - c) USP 800
  - d) USP 767
- 36) **The prescription reads 1 tab po qd dispense 30 tablets. What is the day's supply?**
- a) 10
  - b) 15
  - c) 20
  - d) 30
- 37) **The prescription reads 1 tab po tid dispense 90 tablets. What is the day's supply?**
- a) 10
  - b) 15
  - c) 20
  - d) 30

- 38) **The prescription reads 2 puffs bid dispense 120 puff inhaler. What is the day's supply?**
- a) 10
  - b) 15
  - c) 20
  - d) 30
- 39) **The prescription reads 1 tab po q6h prn pain. Dispense 40 tablets. What is the day's supply?**
- a) 10
  - b) 15
  - c) 20
  - d) 30
- 40) **The prescription reads Prednisolone 15mg/5ml. 1 tbsp qd. Dispense 225ml. What is the day's supply?**
- a) 10
  - b) 15
  - c) 20
  - d) 30
- 41) **The prescription reads Augmentin 400mg/5ml. 1 tsp bid. Dispense 100ml. What is the day's supply?**
- a) 10
  - b) 15
  - c) 20
  - d) 30
- 42) **The prescription reads Omnicef 125mg/5ml. 6mL qd. Dispense 60ml. What is the day's supply?**
- a) 10
  - b) 15
  - c) 20
  - d) 30

- 43) **The prescription reads Amox 500mg capsules. 1 cap po tid dental infection. Dispense 60 capsules. What is the day's supply?**
- a) 10
  - b) 15
  - c) 20
  - d) 30
- 44) **The prescription reads Lovenox 60mg/0.6ml. 1 syringe (0.6ml) subq bid for blood clots. Dispense 18ml. What is the day's supply?**
- a) 10
  - b) 15
  - c) 20
  - d) 30
- 45) **The prescription reads as follows Lopressor 50mg sig: 2 tab po bid dispense #60 tabs. What is the day's supply?**
- a) 10
  - b) 15
  - c) 20
  - d) 30
- 46) **Lopressor is a cardiovascular drug that is categorized as a beta-blocker. This medication is used to treat heart failure and hypertension. What is the generic name for Lopressor?**
- a) Nifedipine ER
  - b) Propranolol
  - c) Nebivolol
  - d) Metoprolol tartrate
- 47) **The Physician has stabilized the patient on the Lopressor 50mg sig: 2 tab po bid. The insurance company now requires a 90 day supply for the patients next prescription fill at their local pharmacy. How many tablets should be dispensed by the Pharmacist?**
- a) 60
  - b) 120
  - c) 240
  - d) 360
- 48) **Altace is a angiotensin converting enzyme inhibitor. It is a drug that is categorized as an antihypertensive medication. What is the generic name of Altace?**
- a) Lisinopril
  - b) Spironolactone
  - c) Ramipril
  - d) Enalapril



- 49) **Dyazide is an antihypertensive. What is the generic name of Dyazide?**
- a) Lisinopril, hydrochlorothiazide
  - b) Losartan, hydrochlorothiazide
  - c) Triamterene, hydrochlorothiazide
  - d) Valsartan, hydrochlorothiazide
- 50) **Xarelto is an anticoagulant. It's mechanism of action is Factor Xa inhibitor, hence the name Xarelto. What is the generic name of Xarelto?**
- a) Warfarin
  - b) Dabigatran
  - c) Apixaban
  - d) Rivaroxaban
- 51) **Peridex is an antibiotic oral rinse. What is the generic name of Peridex?**
- a) Chlorhexidine gluconate
  - b) Hydrogen Peroxide
  - c) Listerine
  - d) Scope
- 52) **Clindamycin phosphate gel can be used to treat acne. What is the brand name of this product?**
- a) Cleocin T
  - b) Mupirocin
  - c) Diclofenac
  - d) Doxycycline
- 53) **The Nurse Practitioner writes a prescription for Atarax 25mg sig: 1 tab po q6h prn itching Q.S. 1 month. How many tablets of Atarax should be dispensed by the Pharmacist for a 1-month supply?**
- a) 30
  - b) 60
  - c) 90
  - d) 120
- 54) **What is the generic name for Atarax?**
- a) Hydroxyzine HCl
  - b) Diphenhydramine
  - c) Loratadine
  - d) Cetirizine

- 55) **Bentyl is a drug used for irritable bowel syndrome. What is the generic name of Bentyl?**
- a) Famotidine
  - b) Dicyclomine
  - c) Ranitidine
  - d) Famotidine
- 56) **Prevacid 30mg is used to treat GERD (Gastroesophageal Reflux Disease). What is the generic name of this medication?**
- a) Omeprazole
  - b) Esomeprazole
  - c) Lansoprazole
  - d) Pantoprazole
- 57) **Viagra is used for erectile dysfunction. What is the generic name of Viagra?**
- a) Tadalafil
  - b) Sildenafil
  - c) Ramipril
  - d) Lisinopril
- 58) **Soma is a drug used for muscle relaxation. What is the generic name of Soma?**
- a) Baclofen
  - b) Cyclobenzaprine
  - c) Carisoprodol
  - d) Methocarbamol
- 59) **Drop Off → \_\_\_\_\_ → Fill → Verify → Pickup → Counseling**
- a) Order Entry
  - b) Prospective Drug Utilization Review
  - c) Retrospective Drug Utilization Review
  - d) Medication Therapy Management
- 60) **Of the following, what information needs to be on a prescription benefits card to process a claim on your patient's insurance?**
- I. BIN
  - II. Group
  - III. PCN
  - IV. ID
- a) I
  - b) I and II
  - c) I, II, and III
  - d) I, II, III, and IV

- 61) You receive a prescription for Tylenol with Codeine and the prescriber, Jason Diamond, MD has the following DEA number: BD1234564. What is the check digit for this DEA number and is it the correct number?
- a) 1 no
  - b) 2 no
  - c) 3 yes
  - d) 4 no

*Flo Davis brings in a prescription for her daughter Laci. The prescription is for Clindamycin 75mg/5ml. Her daughter is 2 years old, and weighs 44 pounds. The child has no drug allergies.*

*The prescription reads as follows:*

*Clindamycin 75mg/5ml*

*Sig: give the child 10mg/kg/dose TID for 14 days*

*Q.S. 14 days*

*Please Answer Questions 62-65 based on the provided information*

- 62) What is the child's weight in kilograms
- a) 10kg
  - b) 20kg
  - c) 30kg
  - d) 40kg
- 63) What is the child's dose in mg
- a) 100mg
  - b) 200mg
  - c) 300mg
  - d) 400mg
- 64) What is the child's dose in ml's
- a) 6.6 ml
  - b) 13.3 ml
  - c) 15 ml
  - d) 20 ml
- 65) If the Clindamycin comes in 100ml size bottles, how many bottles should be dispensed for a 14 day supply?
- a) 3 bottles
  - b) 6 bottles
  - c) 9 bottles
  - d) 12 bottles

- 66) A prescription reads: Compound Ursodiol 60mg/ml directions: 2ml po bid – dispense quantity 60ml. How many 300mg Ursodiol capsules would you need to compound this prescription?
- a) 8
  - b) 10
  - c) 12
  - d) 15
- 67) A prescription reads: Compound Amlodipine 1mg/ml directions: 5ml po qd – dispense quantity 150ml. How many Amlodipine 5mg tablets would you need to compound this prescription?
- a) 20
  - b) 25
  - c) 28
  - d) 30
- 68) A prescription reads: Compound Baclofen 5mg/ml directions: 2ml po tid – dispense quantity 180ml. How many Baclofen 20mg tablets would you need to compound this prescription?
- a) 35
  - b) 40
  - c) 45
  - d) 50
- 69) A prescription reads: Compound Tacrolimus 1mg/1ml directions: 1ml po bid – dispense quantity 60ml. How many Tacrolimus 5mg capsules would you need to compound this prescription?
- a) 8
  - b) 10
  - c) 12
  - d) 14
- 70) Reconstitution of a dry powder is completed by...
- a) Adding water in equal parts to the dry powder and shaking well
  - b) Adding oil in equal parts to the dry powder and shaking well
  - c) Crushing the tablets to form a powder
  - d) Adding glycerin to dry powder to create a smooth paste

Name \_\_\_\_\_ Date \_\_\_\_\_ Final Exam Grade \_\_\_\_\_

- |         |         |
|---------|---------|
| 1) ___  | 36) ___ |
| 2) ___  | 37) ___ |
| 3) ___  | 38) ___ |
| 4) ___  | 39) ___ |
| 5) ___  | 40) ___ |
| 6) ___  | 41) ___ |
| 7) ___  | 42) ___ |
| 8) ___  | 43) ___ |
| 9) ___  | 44) ___ |
| 10) ___ | 45) ___ |
| 11) ___ | 46) ___ |
| 12) ___ | 47) ___ |
| 13) ___ | 48) ___ |
| 14) ___ | 49) ___ |
| 15) ___ | 50) ___ |
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| 30) ___ | 65) ___ |
| 31) ___ | 66) ___ |
| 32) ___ | 67) ___ |
| 33) ___ | 68) ___ |
| 34) ___ | 69) ___ |
| 35) ___ | 70) ___ |

**DO NOT WRITE BELOW THIS LINE – BLANKS FOR CLASS INSTRUCTORS**

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(10% X QUIZ SCORE + 10% X QUIZ SCORE + 10% X QUIZ SCORE + 10% X QUIZ SCORE) +  
(40% X FINAL EXAM SCORE) + (20% X CLASS PARTICIPATION) = FINAL SCORE

Quiz 1 Score \_\_\_\_\_ Quiz 2 Score \_\_\_\_\_ Quiz 3 Score \_\_\_\_\_ Quiz 4 Score \_\_\_\_\_  
Quiz 5 Score \_\_\_\_\_ Quiz 6 Score \_\_\_\_\_ Final Exam Score \_\_\_\_\_

**\*\*TWO LOWEST QUIZZES DROPPED FOR FINAL GRADE\*\***

Final Grade \_\_\_\_\_