

Dubai Health Authority (DHA)

DHA Pharmacist Exam Sample Paper

Section 1: Pharmacology

1. Which of the following medications is a **beta-blocker** commonly used to treat hypertension?

- a) Lisinopril
- b) Metoprolol
- c) Amlodipine
- d) Hydrochlorothiazide

2. What is the **mechanism of action** of statins (e.g., atorvastatin)?

- a) Inhibit HMG-CoA reductase
- b) Block angiotensin II receptors
- c) Increase bile acid excretion
- d) Inhibit sodium-glucose cotransporter

3. Which of the following drugs is contraindicated in pregnancy due to the risk of **teratogenicity**?

- a) Paracetamol
- b) Warfarin

- c) Metformin
- d) Levothyroxine

Section 2: Pharmacy Practice

4. A patient brings a prescription for **amoxicillin 500 mg TID for 7 days**. What is the total quantity of amoxicillin to be dispensed?

- a) 21 tablets
- b) 30 tablets
- c) 42 tablets
- d) 50 tablets

5. Which of the following is the **first-line treatment** for uncomplicated urinary tract infections (UTIs)?

- a) Ciprofloxacin
- b) Nitrofurantoin
- c) Amoxicillin
- d) Doxycycline

6. A patient is prescribed **warfarin**. Which laboratory test should be monitored regularly to assess the effectiveness of therapy?

- a) Prothrombin time (PT)
- b) Activated partial thromboplastin time (aPTT)
- c) International normalized ratio (INR)
- d) Platelet count

Section 3: Clinical Therapeutics

7. A patient with type 2 diabetes is prescribed **metformin**. What is the most common side effect of this medication?

- a) Hypoglycemia
- b) Gastrointestinal upset
- c) Weight gain
- d) Hypertension

8. Which of the following is the **antidote** for acetaminophen (paracetamol) overdose?

- a) Naloxone
- b) Flumazenil
- c) N-acetylcysteine (NAC)
- d) Vitamin K

9. A patient with asthma is prescribed a **short-acting beta-agonist (SABA)**. Which medication is an example of a SABA?

- a) Salbutamol
- b) Budesonide
- c) Montelukast
- d) Theophylline

Section 4: UAE Healthcare Regulations

10. According to DHA regulations, what is the **maximum validity period** for a

prescription for controlled substances?

- a) 7 days
- b) 30 days
- c) 60 days
- d) 90 days

11. Which of the following is a **legal requirement** for dispensing prescription medications in the UAE?

- a) Patient's Emirates ID
- b) Physician's license number
- c) Pharmacy stamp on the prescription
- d) All of the above

12. What is the **minimum qualification** required to practice as a pharmacist in Dubai?

- a) Diploma in Pharmacy
- b) Bachelor's degree in Pharmacy
- c) Master's degree in Pharmacy
- d) Doctor of Pharmacy (Pharm.D)

Section 5: Drug Interactions and Adverse Effects

13. A patient is taking **warfarin** and **ciprofloxacin**. What is the potential interaction?

- a) Increased risk of bleeding

- b) Decreased effectiveness of warfarin
- c) Increased risk of QT prolongation
- d) No significant interaction

14. Which of the following drugs is associated with **angioedema** as a side effect?

- a) Lisinopril
- b) Metformin
- c) Atorvastatin
- d) Omeprazole

15. A patient is prescribed **simvastatin** and **clarithromycin**. What is the potential risk?

- a) Increased risk of myopathy
- b) Decreased effectiveness of simvastatin
- c) Increased risk of hepatotoxicity
- d) No significant interaction

Answer Key:

1. b) Metoprolol
2. a) Inhibit HMG-CoA reductase
3. b) Warfarin
4. a) 21 tablets
5. b) Nitrofurantoin

6. c) International normalized ratio (INR)

7. b) Gastrointestinal upset

8. c) N-acetylcysteine (NAC)

9. a) Salbutamol

10. b) 30 days

11. d) All of the above

12. b) Bachelor's degree in Pharmacy

13. a) Increased risk of bleeding

14. a) Lisinopril

15. a) Increased risk of myopathy