

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