

## Pharmacology and Toxicology MCQs with answers

Which of the following drug classes is used to treat anxiety disorders?

- A. Benzodiazepines
- B. Beta-blockers
- C. Calcium channel blockers
- D. H<sub>2</sub> receptor antagonists

Answer: A

Which of the following is an example of a selective serotonin reuptake inhibitor (SSRI)?

- A. Sertraline
- B. Lorazepam
- C. Amitriptyline
- D. Phenzelzine

Answer: A

Which of the following drug classes is used to treat hypertension?

- A. Beta-blockers
- B. Angiotensin converting enzyme (ACE) inhibitors
- C. Calcium channel blockers
- D. All of the above

Answer: D

Which of the following drugs is used to treat osteoporosis?

- A. Alendronate

- B. Digoxin
- C. Lisinopril
- D. Simvastatin

Answer: A

Which of the following is an example of an antihistamine?

- A. Metformin
- B. Fexofenadine
- C. Omeprazole
- D. Ranitidine

Answer: B

Which of the following drug classes is used to treat depression?

- A. Selective serotonin reuptake inhibitors (SSRIs)
- B. Monoamine oxidase inhibitors (MAOIs)
- C. Tricyclic antidepressants (TCAs)
- D. All of the above

Answer: D

Which of the following drugs is used to treat seizures?

- A. Lamotrigine
- B. Propranolol
- C. Spironolactone
- D. Warfarin

Answer: A

Which of the following is an example of a proton pump inhibitor (PPI)?

- A. Omeprazole
- B. Fluoxetine
- C. Amlodipine
- D. Atorvastatin

Answer: A

Which of the following drug classes is used to treat bacterial infections?

- A. Beta-lactam antibiotics
- B. Macrolide antibiotics
- C. Tetracycline antibiotics
- D. All of the above

Answer: D

Which of the following drugs is used to treat attention deficit hyperactivity disorder (ADHD)?

- A. Methylphenidate
- B. Alprazolam
- C. Diazepam
- D. Clonazepam

Answer: A

Which of the following drug classes is used to treat angina?

- A. Beta-blockers
- B. Calcium channel blockers

- C. Nitrates
- D. All of the above

Answer: D

Which of the following drugs is used to treat bipolar disorder?

- A. Lithium
- B. Fluoxetine
- C. Paroxetine
- D. Sertraline

Answer: A

Which of the following is an example of a loop diuretic?

- A. Furosemide
- B. Hydrochlorothiazide
- C. Spironolactone
- D. Chlorthalidone

Answer: A

Which of the following drug classes is used to treat asthma?

- A. Inhaled corticosteroids
- B. Beta-agonists
- C. Leukotriene modifiers
- D. All of the above

Answer: D

Which of the following drugs is used to treat Parkinson's disease?

- A. Levodopa-carbidopa
- B. Donepezil
- C. Rivastigmine
- D. Galantamine

Answer: A

Which of the following drug classes is used to treat gout?

- A. Nonsteroidal anti-inflammatory drugs (NSAIDs)
- B. Colchicine
- C. Xanthine oxidase inhibitors
- D. All of the above

Answer: D

Which of the following drugs is used to treat hypertension in pregnancy?

- A. Methyldopa
- B. Atenolol
- C. Lisinopril
- D. Spironolactone

Answer: A

Which of the following is an example of a statin?

- A. Simvastatin
- B. Allopurinol
- C. Metformin

D. Pioglitazone

Answer: A

Which of the following drug classes is used to treat type 2 diabetes?

A. Biguanides

B. Sulfonylureas

C. Dipeptidyl peptidase-4 (DPP-4) inhibitors

D. All of the above

Answer: D

Which of the following drugs is used to treat heart failure?

A. Digoxin

B. Amiodarone

C. Diltiazem

D. Verapamil

Answer: A

Which of the following is an example of an opioid analgesic?

A. Morphine

B. Aspirin

C. Ibuprofen

D. Acetaminophen

Answer: A

Which of the following drug classes is used to treat chronic obstructive pulmonary disease (COPD)?

- A. Inhaled corticosteroids
- B. Long-acting beta-agonists
- C. Anticholinergics
- D. All of the above

Answer: D

Which of the following drugs is used to treat erectile dysfunction?

- A. Sildenafil
- B. Tadalafil
- C. Vardenafil
- D. All of the above

Answer: D

Which of the following is an example of an anticoagulant?

- A. Warfarin
- B. Aspirin
- C. Clopidogrel
- D. Dabigatran

Answer: A

Which of the following drug classes is used to treat neuropathic pain?

- A. Antidepressants
- B. Anticonvulsants
- C. Opioids
- D. All of the above

Answer: D

Which of the following drugs is used to treat hypothyroidism?

- A. Levothyroxine
- B. Methimazole
- C. Propylthiouracil
- D. Liothyronine

Answer: A

Which of the following is an example of an angiotensin receptor blocker (ARB)?

- A. Losartan
- B. Enalapril
- C. Lisinopril
- D. Furosemide

Answer: A

Which of the following drug classes is used to treat hyperlipidemia?

- A. Statins
- B. Fibric acid derivatives
- C. Bile acid sequestrants
- D. All of the above

Answer: D

Which of the following drugs is used to treat rheumatoid arthritis?

- A. Methotrexate



- B. Prednisone
- C. Colchicine
- D. Hydroxychloroquine

Answer: A

Which of the following is an example of a benzodiazepine?

- A. Diazepam
- B. Buspirone
- C. Venlafaxine
- D. Bupropion

Answer: A

Which of the following drugs is used to treat attention deficit hyperactivity disorder (ADHD)?

- A. Methylphenidate
- B. Atomoxetine
- C. Clonidine
- D. All of the above

Answer: D

Which of the following is an example of a proton pump inhibitor (PPI)?

- A. Omeprazole
- B. Ranitidine
- C. Famotidine
- D. Pantoprazole

Answer: A

Which of the following drug classes is used to treat anxiety?

A. Selective serotonin reuptake inhibitors (SSRIs)

B. Benzodiazepines

C. Beta blockers

D. All of the above

Answer: D

Which of the following drugs is used to treat depression?

A. Fluoxetine

B. Venlafaxine

C. Amitriptyline

D. All of the above

Answer: D

Which of the following is an example of an immunosuppressant?

A. Cyclosporine

B. Methotrexate

C. Azathioprine

D. All of the above

Answer: D

Which of the following drug classes is used to treat osteoporosis?

A. Bisphosphonates

B. Selective estrogen receptor modulators (SERMs)

C. Calcitonin

D. All of the above

Answer: D

Which of the following drugs is used to treat migraines?

A. Sumatriptan

B. Propranolol

C. Amitriptyline

D. All of the above

Answer: D

Which of the following is an example of an anticonvulsant?

A. Phenobarbital

B. Lamotrigine

C. Oxcarbazepine

D. All of the above

Answer: D

Which of the following drug classes is used to treat hypertension?

A. Diuretics

B. Beta blockers

C. Calcium channel blockers

D. All of the above

Answer: D

Which of the following drugs is used to treat hyperthyroidism?

- A. Methimazole
- B. Propylthiouracil
- C. Radioactive iodine
- D. All of the above

Answer: D

Which of the following is an example of a tricyclic antidepressant (TCA)?

- A. Amitriptyline
- B. Fluoxetine
- C. Sertraline
- D. Duloxetine

Answer: A

Which of the following drug classes is used to treat anxiety and insomnia?

- A. Benzodiazepines
- B. Z-drugs
- C. Antidepressants
- D. All of the above

Answer: D

Which of the following drugs is used to treat Parkinson's disease?

- A. Levodopa
- B. Selegiline

- C. Amantadine
- D. All of the above

Answer: D

Which of the following is an example of a non-benzodiazepine sedative-hypnotic?

- A. Zolpidem
- B. Lorazepam
- C. Diazepam
- D. Clonazepam

Answer: A

Which of the following drug classes is used to treat inflammatory bowel disease (IBD)?

- A. Aminosalicylates
- B. Corticosteroids
- C. Immunosuppressants
- D. All of the above

Answer: D

Which of the following drug classes is used to treat type 2 diabetes?

- A. Biguanides
- B. Sulfonylureas
- C. Dipeptidyl peptidase-4 (DPP-4) inhibitors
- D. All of the above

Answer: D

Which of the following drugs is used to treat erectile dysfunction?

- A. Sildenafil
- B. Tadalafil
- C. Vardenafil
- D. All of the above

Answer: D

Which of the following is an example of a statin?

- A. Atorvastatin
- B. Losartan
- C. Amlodipine
- D. Metoprolol

Answer: A

Which of the following drug classes is used to treat gout?

- A. Nonsteroidal anti-inflammatory drugs (NSAIDs)
- B. Colchicine
- C. Xanthine oxidase inhibitors
- D. All of the above

Answer: D

Which of the following drugs is used to treat angina?

- A. Nitroglycerin
- B. Isosorbide dinitrate
- C. Amlodipine

D. All of the above

Answer: D

Which of the following is an example of a diuretic?

A. Furosemide

B. Spironolactone

C. Hydrochlorothiazide

D. All of the above

Answer: D

Which of the following drug classes is used to treat hepatitis C?

A. Protease inhibitors

B. Nucleoside/nucleotide analogues

C. Interferons

D. All of the above

Answer: D

Which of the following drugs is used to treat chronic obstructive pulmonary disease (COPD)?

A. Tiotropium

B. Albuterol

C. Ipratropium

D. All of the above

Answer: D

Which of the following is an example of an anticoagulant?

- A. Warfarin
- B. Aspirin
- C. Clopidogrel
- D. All of the above

Answer: A

Which of the following drug classes is used to treat heart failure?

- A. Angiotensin-converting enzyme (ACE) inhibitors
- B. Angiotensin receptor blockers (ARBs)
- C. Beta blockers
- D. All of the above

Answer: D

Which of the following drugs is used to treat osteoarthritis?

- A. Acetaminophen
- B. Nonsteroidal anti-inflammatory drugs (NSAIDs)
- C. Duloxetine
- D. All of the above

Answer: D

Which of the following is an example of a calcium channel blocker?

- A. Amlodipine
- B. Verapamil
- C. Diltiazem
- D. All of the above



Answer: D

Which of the following drug classes is used to treat hyperlipidemia?

- A. Statins
- B. Bile acid sequestrants
- C. Fibric acid derivatives
- D. All of the above

Answer: D

Which of the following drugs is used to treat rheumatoid arthritis?

- A. Methotrexate
- B. Adalimumab
- C. Etanercept
- D. All of the above

Answer: D

Which of the following is an example of an antihistamine?

- A. Diphenhydramine
- B. Loratadine
- C. Cetirizine
- D. All of the