# PHARMACOLOGY 6TH SEM IMPORTANT QUESTIONS

DEPTH OF BIOLOGY



#### UNIT-I 10hours

#### 1. Pharmacology of drugs acting on Respiratory system

- a. Anti-asthmatic drugs
- b. Drugs used in the management of COPD
- c. Expectorants and antitussives
- d. Nasal decongestants
- e. Respiratory stimulants

## DEPTH OF BIOLOGY

#### 2. Pharmacology of drugs acting on the Gastrointestinal Tract

- a. Antiulcer agents.
- b. Drugs for constipation and diarrhoea.
- c. Appetite stimulants and suppressants.
- d. Digestants and carminatives.
- e. Emetics and anti-emetics.

1. Explain anti-asthmatic drugs and classify it. Discuss the role of bronchodilators

# DEPTH OF BIOLOGY 05 MARKS QUESTION

- 1. Discuss role of expectorant & anti-tussive. Write down its MOA
- 2. Elaborate the drug used in management of COPD

DEPTH OF BIOLOGY

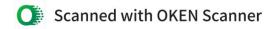
#### DEPTH OF BIOLOGY

- 1. What is the role of respiratory stimulants with example
- 2. What are anti tussive agents. Give any 2 examples
- 3. Explain nasal decongestants with example

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## 10 MARKS QUESTION

1. What are anti-ulcer agents. Classify it and discuss it's MOA



1. Discuss the role of anti-emetics

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2. Define anti-ulcer agents

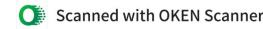
## 02 MARKS QUESTION

- 1. Name any 2 drugs used in treatment of constipation/diarrhoea
- 2. Define appetite stimulant with examples DEPTH OF BIOLOGY
- 3. Explain carminative with example
- 4. What are emetics?

UNIT-II 10hours

- 3. Chemotherapy
  - a. General principles of chemotherapy.
  - b. Sulfonamides and cotrimoxazole.
  - c. Antibiotics- Penicillins, cephalosporins, chloramphenicol, macrolides, quinolones and fluoroquinolins, tetracycline and aminoglycosides

DEPTH OF BIOLOGY



## DEPTH OF BIOLOGY 10 MARKS QUESTION

- 1. Write down the pharmacology of quinolones and fluroquinolones
- 2. Define and classify sulphonamides. Give its MOA, side effects and uses

# 05 MARKS QUESTION

- 1. Give the classification of cephalosporin with MOA DEPTH OF BIOLOGY
- 2.Describe the pharmacology of cotrimoxazole
- 3. Explain chloramphenicol [its pharmacology]
- 4. Explain macrolides antibiotics DEPTH OF BIOLOGY
- 5. Classify aminoglycosides and write down its MOA
- 6. Elaborate the general principle of chemotherapy

#### UNIT-III 10hours

- 3. Chemotherapy
  - a. Antitubercular agents
  - b. Antileprotic agents
  - c. Antifungal agents
  - d. Antiviral drugs

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- e.Anthelmintics
- f. Antimalarial drugs
- g. Antiamoebic agents

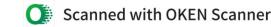
- 1. Classify anti-tubercular drugs. Elaborate the first line drugs
- 2. Define and classify anti-viral drugs. Discuss its MOA
- 3. Define anti-malarial drugs. Write down its MOA with classification

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# 05 MARKS QUESTION

1. Explain anti-fungal agents & classify it

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## DEPTH OF BIOLOGY

- 1. Explain antileprotic agents with example
- 2. Explain anthelminthic with example
- 3. Explain anti amoebic with example

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#### UNIT-IV 08hours

- 3. Chemotherapy
  - 1. Urinary tract infections and sexually transmitted diseases. m. Chemotherapy of malignancy.

#### 4. Immunopharmacology

## DEPTH OF BIOLOGY

- a. Immunostimulants
- b. Immunosuppressant

Protein drugs, monoclonal antibodies, target drugs to antigen, biosimilars

1. Give detailed note on STD

## DEPTH OF BIOLOGY

- 2. Define UTI
- 3. Explain monoclonal antibodies
- 4. Write down difference between immunostimulant and immunosuppressant

## 02 MARKS QUESTION

1. What is biosimilar?

#### DEPTH OF BIOLOGY

- 2. Explain monoclonal antibodies
- 3. Define immunostimulants with examples
- 4. Define immunosuppressants with examples
- 5. Elist some diseases under STD



#### 5. Principles of toxicology

**UNIT-V** 

- a. Definition and basic knowledge of acute, subacute and chronic toxicity.
- b. Definition and basic knowledge of genotoxicity, carcinogenicity, teratogenicity and mutagenicity
- c. General principles of treatment of poisoning
- d. Clinical symptoms and management of barbiturates, morphine, organophosphorus compound and lead, mercury and arsenic poisoning.

## 6. Chronopharmacology DEPTH OF BIOLOGY

- a. Definition of rhythm and cycles.
- b. Biological clock and their significance leading to chronotherapy.

- 1. Describe clinical symptoms & management of barbiturates
- 2. Write a brief note on general principle of treatment of poisoning
- What is biological clock. Discuss the role of circadian rhythm in occurrence and severity of disease DEPTH OF BIOLOGY

# 05 MARKS QUESTION

## e short note on acute toxicity DEPTH OF BIOLOGY

- 1. Write short note on acute toxicity
- 2. Write a short note on teratogenicity
- 3. Clinical symptoms, treatment and management of morphine/barbiturates

#### DEPTH OF BIOLOGY

- 1. Explain teratogenicity/ genotoxicity/ carcinogenicity/ mutagenicity
- 2. Explain chronic toxicity & acute toxicity
- 3. Define rhythm cycle
- 4. Define mutagen with example DEPTH OF BIOLOGY
- 5. Enlist significance of chronotherapy
- 6. Explain general principle of chemotherapy