

# **KAMALNAYAN BAJAJ NURSING COLLEGE ARUNGABAD**

## **Question Bank**

### **Pharmacology**

#### **Unit I – Introduction to pharmacology**

- 1) Define pharmacology and the sources of pharmacology
- 2) Write the principles of therapeutic drug administration
- 3) Principles of drug administration
- 4) Define drug and describe pharmacokinetics in detail
- 5) Write the routes of drug administration

#### **Unit II- Chemotherapy**

- 1) Enumerate the anti malarial drugs and write the treatment regimen of malaria
- 2) Classify the antihypertensive drugs and write the mechanism of action and its adverse effects
- 3) Write the uses and adverse effects of penicillins
- 4) Write about the cephalosporin's
- 5) Classify the antitubercular drug and discuss the mechanism of action and adverse effect of drug
- 6) Write in short about the treatment strategy DOTS
- 7) Classify NSAIDS discuss the mechanism of action, uses and adverse effects of aspirin
- 8) Write the nursing responsibilities during the administration of the drug aspirin
- 9) Classify penicillin's and write down the one example of the penicillin
- 10) Enumerate and mention the role of drugs used as pre aesthetic medications
- 11) Classify the diuretics and write the uses of lasix in detail
- 12) Write in detail about the morphine
- 13) Write the uses and side effects of the adrenaline
- 14) Classify analgesics and write the action, uses, contraindication and adverse effects of morphine
- 15) Classify oral hypoglycaemic drugs with examples
- 16) Classify the oncological drugs in detail and write about the cisplatin

#### **Unit III- Pharmacology of commonly used antiseptics and disinfectants**

- 1) Define disinfectants and enumerate it in detail with examples
- 2) Define insecticides and enumerate it in detail with examples

#### **Unit IV- Drugs acting on GIT System**

- 1) Enumerate antiemetic write mechanism of action and its uses
- 2) Describe the antacids in details and enumerate the action uses indication contraindication of the any one antacid in detail
- 3) Write a note on oral rehydration solution
- 4) Write in brief about the drug treatment and nurses role in the management of the OPP
- 5) Write the mechanism of action and uses of ranitidine
- 6) Write in detail about the antidiarrhoeals
- 7) Write therapeutic uses of the cholinergic drugs
- 8) Write down in detail the drug of choice for allergic reaction

#### **Unit V- Drugs used in respiratory system**

- 1) Classify the bronchodilator and give the examples of mucolytics agents and the role of mucolytic agent in management of the bronchial asthma
- 2) Write in detail about the salbutamol
- 3) Classify antihistamines and write the mechanism of action sideeffects and adverse effect of any drug

#### **Unit VI- Drugs used in urinary system**

- 1) Classify diuretics write a note on frusamide
- 2) Classify anti cholinergic drugs

#### **Unit VII- Drugs used in emergency**

- 1) Drug of choice for Poisoning
- 2) Write down in details about the antidotes
- 3) Write a note on antivenoms
- 4) Classify the antiminerals and the multivitamins

#### **Unit VIII- Drugs used in skin and mucus membrane**

- 1) Write down the drugs used for the treatment for the cataract
- 2) Enlist the drugs of choice for skin disorders

#### **Unit IX- Drugs acting on nervous system**

- 1) Write in detail about the opioids
- 2) Classify the antidepressants drugs and write the side effects in details
- 3) Write about anticonvulsants and explain in details about any one
- 4) Write the hypnotics and sedatives

### **Unit X- Cardiovascular drugs**

- 1) Write a note on antiplatelet drugs
- 2) Classify antianginal drugs and mechanism of action uses and its adverse effects in detail
- 3) Write a note on plasma expanders
- 4) Write on anti asthmatics
- 5) Digitalis therapy
- 6) Streptokinase
- 7) Heparin

### **Unit XI- Drugs used for hormonal disorders**

- 1) Write the short note on oral contraceptives
- 2) Write about the gonadotrophins
- 3) Write in detail about uterine stimulants and relaxants
- 4) Enumerate health benefits of oral hormonal contraceptive other than contraception
- 5) Classify insulin preparation mechanism of action effects on glucose metabolism and adverse reaction of insulin
- 6) Therapeutic uses of adrenaline
- 7) Write in detail about calcium regulators

### **Unit XII- introduction in drugs used in Alternative system of medicine**

- 1) Write about the AYUSH in detail
- 2) Role of nurse in alternative therapy
- 3) Write down in details about the alternative health management for the alternative and complimentary therapies.