

RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER
SYLLABUS OF SCREENING TEST FOR THE POST OF
LECTURER – PHARMACOLOGY
MEDICAL & HEALTH DEPARTMENT

- 1 General Pharmacology : -
Routes of drug administration, absorption, distribution, metabolism and excretion, theories of receptors, dose response relationship.
- 2 Adverse drug reactions & drug interaction.
- 3 Drug Acting on Autonomic Nervous System -
Adrenergic drugs, Anti-adrenergic, cholinergic & anti-cholinergic, drugs acting on autonomic ganglion, skeletal muscle relaxants.
- 4 Drugs Acting on Central Nervous System -
Local & General anaesthetics, narcotic & non-narcotic analgesics, antiepileptics, Sedatives & hypnotics, CNS Stimulents, antiparkinsonian & Psychopharmacological agents.
- 5 Diuretics and Anti diuretics.
- 6 Drugs Acting on Cardio Vascular System -
Cardiac glycosides, antiarrhythmics, Antihypertensives, Antihyperlipidemic drugs.
- 7 Coagulants, anti-coagulants, haematinics, plasma volume expanders.
- 8 Drugs Acting on Gastro Intestinal System -
Purgatives, antidiarrhoeals, emetics and antiemetics, treatment of peptic ulcer.
- 9 Brounchodilators
- 10 Drugs acting on uterus.
- 11 Autocoids and antihistaminics – Histamine, Prostaglandins, leucotrienes, serotonin.
- 12 Chemotherapy - Sulfonamides, All Antibiotics and other Synthetic Chemotherapeutic agents.
- 13 General principal of Chemotherapy of tuberculosis, leprosy, malaria, amoebiasis, sexually transmitted diseases, antiviral agents.
- 14 Cytotoxic drugs & immunosuppressives.
- 15 Local anti infective agents- Antiseptic and disinfectants.
- 16 Pathophysiology of following diseases – Epilepsy, Psychosis, Depression, Mania, Hypertension, Angina, Congestive Heart Failure, Atherosclerosis, Diabetes, Peptic Ulcer, Asthma, Hepatic Disorders, Acute and chronic renal failure, Tuber Culosis, Urinary Tract Infection.

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Pattern of Question Papers:

1. Objective Type Paper
2. Maximum Marks : 100
3. Number of Questions : 100
4. Duration of Paper : Two Hours
5. All Questions carry equal marks
6. There will be Negative Marking

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