

Syllabus For RUHS Medical Officer (<http://sarkarirecruitment.com/>)

RUHS Medical Officer Syllabus (<http://sarkarirecruitment.com/>)

- Anaesthesiology
- Ophthalmology
- Radio Diagnosis
- Pharmacology
- Microbiology
- F.M.T
- Pediatrics
- Physiology
- Medicine
- Dental
- Surgery
- Community Medicine
- ENT
- O&G
- Orthopedics
- Pathology
- Skin & VD
- Psychiatry etc

RUHS Drug Control Officer Syllabus (<http://sarkarirecruitment.com/>)

Pharmaceutical Analysis

- Nonaqueous titrations with reference to drugs given in I.P. Microbiological assays and biological standardization of antibiotics and vitamins as per I.P
- Chromatography
- Principles and application of absorption spectroscopy
- Complexometric
- Potentiometry

Microbiology and Biotechnology

- Theoretical aspects of immunity
- Sources and mode of infection
- General methods of preparation
- Storage and uses of vaccines
- Sera and diagnostic agents
- Antigen-antibody reaction
- ELISA, bacteriology of water, milk, and food
- Fermentation technology- production of alcohol, acetic acid, citric acid, penicillin, tetracycline

- Mycoplasma & diarrhoeal diseases
- Isolation & identification and nutritional needs of bacteria
- Classification & cultivation
- Standardization, preservation
- Drug sensitivity tests for bacteria
- Mycobacterium- tuberculosis
- Viruses, protozoa and fungi, microbial genetics and variations
- Leprosy- salmonella
- Shigella & spirochetes

Pharmaceutics

Technology of drug delivery system

- Packaging and storage of dosage forms like tablet
- Blood products and plasma substitutes
- Manufacture
- Capsules & liquid orals
- Injectables
- Standards
- Labeling
- Sustain release dosage forms and novel drug delivery systems

Natural Products

- Rauwolfia
- Ergot
- Belladonna
- Cloves
- Cinnamon
- Opium and Gelatin
- Chemical nature of active constituents
- Testes, and mode of action of these drugs
- Digitalis
- Ginseng
- Pharmacognosy of senna
- Vinca
- Topical preparations

Sterilisation

- A different method of sterilization and sterility testing of pharmaceuticals

Basics of pharmacokinetics

- Drugs and Cosmetics Act and Rules
- Pharmacy Act

- Essential Commodities Act
- Drugs price control order
- Stability studies.
- Narcotic and Psychotropic Substances Act
- Formulation
- Bioavailability
- Bioequivalence