

Pharmacology
Scheme of examination

Practical examination-

Practical examination -Total marks-100

Practicals- 80 marks & Viva voce-20 marks.

1. OSPE- (40marks)-

1. Spotters-Drugs./Devices./Plants./ADR charts./Clinical pharmacology Charts./ Experimental pharmacology charts./Drug Formulations./ Drug delivery systems.
2. Clinical Pharmacology- Prescription writing./ Drug interactions./CCR./ Dose calculation./ Percentage calculation.

II. Interactive Stations (40 marks)-

Demonstrate Routes of drug administration (IV/IM/SC etc) using Mannequins./Demonstrate Proper Use of dosage forms or devices. / Prepare ORS solution. / Demonstrate setting up of IV Drip./ Discuss Rational Prescription for a given condition or Prescription Audit(Critical appraisal of given prescription)./ Critical evaluation of drug promotional literature./ Select & Discuss P drugs /Essential Drugs for a given condition. /ADR reporting& Pharmacovigilance system (Demonstrate / Discuss). / Discuss/ Identify Management of ADR / Drug interactions./ Demonstrate Effect of drugs on blood pressure(agonists & blockers)- using computer aided learning.

Internal Assessment -100 marks- 80 marks – marks scored in exams and 20 marks for Professionalism.

- 40 Marks for Theory , 40 Marks for Practical & Viva together and 20 Marks for Professionalism. Minimum of Three theory exams to be Conducted in a year. Additional tests may be conducted.

Eligibility criteria- Learners must secure at least 50% marks of the total marks (combined in theory and practical/clinical, not less than 40% marks in theory & practicals separately) and atleast 50% in professionalism in a particular subject in order to be eligible for appearing at the final University examination of the subject.

University Theory Exam- -Total marks 200 (Two papers of 100marks each)

Paper I topics (General pharmacology, ANS, CNS, CVS, Blood, Diuretics, Autacoids, Respiratory system).

Paper II (Topics: GIT, Hormones, Antibiotics, Chemotherapy & Miscellaneous).

University Practical examination -Total marks-100

Practicals -80marks & Viva voce-20 marks.

Pass criteria -University Exam – 50% in theory and practicals, separately (practicals = practicals +viva). In subjects that have two Theory papers, the learner must secure at least 40% marks in each of the papers with minimum 50% of marks in aggregate (both papers together) to pass.