

Rx Academic GPAT 2018 Online Test series

Rx Online ASSESSMENT TEST (07-08 October, 2017)

ONLINE MINOR TEST SERIES (05 Tests)

1. Rx Minor Test 1 (21-22 October, 2017)
2. Rx Minor Test 2 (28-29 October, 2017)
3. Rx Minor Test 3 (04-05 November, 2017)
4. Rx Minor Test 4 (11-12 November, 2017)
5. Rx Minor Test 5 (18-19 November, 2017)

ONLINE FULL LENGTH TEST SERIES (07 Test)

1. Rx Full Length Test 1 (02-03 December, 2017)
2. Rx Full Length Test 2 (09-10 December, 2017)
3. Rx Full Length Test 3 (16-17 December, 2017)
4. Rx Full Length Test 4 (23-24 December, 2017)
5. Rx Full Length Test 5 (30-31 December, 2017)
6. Rx Full Length Test 6 (06-07 January, 2018)
7. Rx Full Length Test 7 (13-14 January, 2018)

For more detail visit: **rxacademicsolutions.org**

Contact at 9999707604 or mail at info@rxacademicsolutions.org

Syllabus for GPAT 2018 online Minor Tests

1. Rx Minor Test 1 (21-22 October, 2017)

Pharmaceutics: Tablets, Coating of Tablets, Capsules, Micro-encapsulation.

Introduction to Pharmaceutical jurisprudence & ethics.

Pharmaceutical Analysis: Ultraviolet and Visible Spectrophotometry

Pharmacology: Pharmacology of Central Nervous System Peripheral Nervous System

Pharmacognosy: Glycoside Containing Drugs

Pharmaceutical chemistry: Physical Chemistry and its Importance in Pharmacy,

2. Rx Minor Test 2 (28-29 October, 2017)

Pharmaceutics: Pharmaceutical Aerosols, Ophthalmic Preparations, Parenteral Products, Surgical products, Packaging of Pharmaceutical Products, Cosmetic Preparations

Pharm. Chemistry/ Analysis: Steroidal Drugs, Inorganic pharmaceutical chemistry.

Pharmacology: Drugs Acting on the Respiratory System, Drugs acting on Gastrointestinal Tract. Autacoids.

Pharmacognosy: Sources of Drugs, Classification of Drugs, Study of medicinally important plants belonging to the families, Cultivation, Collection, Processing and Storage of Crude Drugs, Quality Control of Crude Drugs, WHO guidelines for the standardization of herbal drugs, Phytochemical Screening

Pharm. Analysis: Different techniques of pharmaceutical analysis, Preliminaries and definitions, Fundamentals of volumetric analysis, Acid Base Titrations, Miscellaneous Methods of Analysis, Infrared Spectrophotometry, Nuclear Magnetic Resonance Radioimmunoassay,

3. Rx Minor Test 3 (04-05 November, 2017)

Pharmaceutics: Biopharmaceutics and Pharmacokinetics, Clinical Pharmacokinetics. Importance of microbiology in pharmacy.

Pharm. Chemistry: Importance of fundamentals of organic chemistry in pharmaceutical sciences; Structure and Properties,

Pharmacology: Pharmacology of Cardiovascular System, Drugs Acting on the Haemopoietic System.

Pharmacognosy: Alkaloid Containing Drugs, Carbohydrates and derived products, Lipids. General Techniques of Biosynthetic Studies and Basic Metabolic Pathways/ Biogenesis.

Pharm. Analysis: Precipitation Titrations, Gravimetric Analysis, Non-aqueous titrations, Complexometric titrations, Oxidation Reduction Titrations, Polarography, Amperometry, Conductometry.

4. Rx Minor Test 4 (11-12 November, 2017)

Pharmaceutics: Introduction to Physical Pharmacy, Liquid Dosages Forms, Semisolid Dosage Forms, Suppositories,

Pharm. Chemistry: Stereochemistry, stereoselective and stereospecific reactions, structure, nomenclature, preparation and reactions

Pharmacology: Drug acting on autonomic nervous system, Fundamentals of general pharmacology, Pharmacology of Endocrine System.

Pharmacognosy: Resins, Tannins, Volatile Oils, Plant Fibres.

Pharm. Analysis: Mass Spectrometry (EI & CI only), Coulometry, Flame Photometry, Atomic Absorption Spectroscopy, X-ray Diffraction Analysis

5. Rx Minor Test 5 (18-19 November, 2017)

Pharmaceutics: Importance of unit operation in manufacturing, community and dispensing pharmacy, designing of dosage forms and its evaluation.

Pharm. Chemistry: Important topics of Medicinal Chemistry, Nucleophilic and Electrophilic Aromatic Substitution Reactions, Elimination reactions; Conservation of Orbital Symmetry and Rules, Neighbouring group effects; Catalysis by transition metal complexes; Heterocyclic Compounds.

Pharmacology: Anti-microbials and cancer chemotherapy. Principles of Toxicology.

Pharmacognosy: General Techniques of Biosynthetic Studies and Basic Metabolic Pathways/Biogenesis, Plant Tissue Culture. Study of Traditional Drugs, Marine Pharmacognosy.

Pharm. Analysis: Chromatography