



NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 620015

RECRUITMENT CELL

Syllabus for the post of Pharmacist (Group C Post)

11.02.2026

Ref: Advt. No. NITT/R/RC/NT/2026/03

SCREENING TEST (Objective Type - MCQs – 90 mins – 75 marks)

Part–A: 40 %

General Aptitude & Reasoning: Analogies, similarities and differences, problem solving, analysis, judgment, decision making, visual memory, relationship concepts, verbal and figure classification, logical reasoning, Order and ranking, Puzzles, Decision Making, arithmetical number series, Decimals and Fractions, Fundamental arithmetic operations, Profit and Loss, Number Systems and non-verbal series

General Knowledge: General awareness and current affairs, General Polity, Indian Constitution

General English: Error recognition, Fill in the blanks (using verbs, preposition, articles etc.), One word substitution, Improvement of Sentences, Vocabulary, Spellings, Grammar, Sentence Structure, Synonyms, Antonyms, Sentence Completion, Phrases and Idiomatic use of words, Comprehension of Passages

Part–B : 60%

General science upto secondary level and topics related to pharmacology upto undergraduate level.

SKILL TEST: (Qualifying in nature – 45 mins)

The skill test for the post of Pharmacist shall be conducted to check the practical knowledge of the candidate to perform the day-to-day duties. The syllabus for Skill Test is as under:

1. Prescription reading – Identify correct prescription
2. Display and Storage of medicines & various injection/vaccine/drugs in the pharmacy
3. Emergency tray and their uses
4. CPR and First aid demonstration
5. Supply Chain & Inventory Control of Pharmaceuticals
6. Drugs distribution
7. Application of Computer in Hospital Pharmacy Practice

8. Biomedical Waste Management
9. Nutrition and Health
10. Laws related to Drugs and Pharmacy profession
11. Pharmaceutical Ethics
12. Clinical laboratory tests
13. Drugs interactions
14. Microbiology and common microorganism
15. Preventive Healthcare

MAIN WRITTEN TEST: (Objective and Subjective Type – 120 mins - 100 marks)

Pharmaceutics, Pharmaceutical & Organic/Inorganic Chemistry, Pharmacognosy, Biochemistry & Clinical Pathology, Human Anatomy & Physiology, Health Education & community pharmacy, Pharmacology & Toxicology, Pharmaceutical Jurisprudence, Drug store and Business Management, Hospital & Clinical Pharmacy with Therapeutics, Pathophysiology, Pharmacology, Pharmacognosy, Dispensing and Hospital Pharmacy, Pharmaceutical Engineering & Analysis, Basic Principles of Biotechnology & Microbiology, Phytochemistry, Inventory of pharmaceuticals and stock handling, Computer application in pharmacy, Environmental science, Industrial pharmacy, Herbal drug technology, Biopharmaceutics and pharmacokinetics, Pharmaceutical quality assurance, Instrumental methods of analysis, Novel drug delivery system, Biostatistics and research methodology, Social and preventive pharmacy, Pharma marketing management, Pharmaceutical regulatory science, Pharmacovigilance, Cosmetic science, Pharmacological screening methods, Dietary supplements and nutraceuticals