

વડોદરા મહાનગરપાલિકા

જગ્યાનું નામ : ફાર્માસીસ્ટ
લેખિત પરીક્ષાનો અભ્યાસક્રમ

સમયગાળો - ૯૦ મીનીટ

કુલ ગુણ - ૧૦૦

ક્રમ	વિષય	ગુણભાર	માધ્યમ
૧.	સામાન્ય જ્ઞાન	૧૦	ગુજરાતી
૨.	ગુજરાતી વ્યાકરણ <ul style="list-style-type: none">રૂઢિપ્રયોગોનો અર્થ અને પ્રયોગકહેવતોનો અર્થસમાસનો વિગ્રહ અને તેની ઓળખસમાનાર્થી શબ્દો / વિરુદ્ધ અર્થી શબ્દોશબ્દસમૂહ માટે એક શબ્દછંદ / અલંકાર ઓળખાવોસંધિ જોડો કે છોડોજોડણી શુદ્ધિલેખન શુદ્ધિ/ ભાષા શુદ્ધિગદ્યસમીક્ષા	૧૦	ગુજરાતી
૩.	અંગ્રેજી વ્યાકરણ <ul style="list-style-type: none">TensesVoicesNarration (Direct-Indirect)Use of Articles and Determiners, adverbs, noun, pronoun, verbsUse of prepositionsUse of Phrasal VerbsTransformations of sentencesOne word substitutionSynonyms / AntonymsComprehension	૧૦	અંગ્રેજી
૪.	જગ્યાની તાંત્રિક શૈક્ષણિક લાયકાતને અનુરૂપ હેતુલક્ષી પ્રશ્નો <ul style="list-style-type: none">Pharmaceutics<ul style="list-style-type: none">Introduction to different dosage formsMetrology	૭૦	અંગ્રેજી

ક્રમ	વિષય	ગુણભાર	માધ્યમ
	<ul style="list-style-type: none"> ○ Packaging of pharmaceuticals ○ Size separation by sifting ○ Clarification and Filtration ○ Reading and understanding prescriptions ○ Study of various types of incompatibilities ○ Posology ○ Dispensed Medications ○ Types of Powders ○ Lipids and Dosage forms ● Pharmaceutical chemistry <ul style="list-style-type: none"> ○ Acids, Bases, and Buffers ○ Antioxidants ○ Gastrointestinal agents ○ Topical Agents ○ Dental Products ○ Introduction of nomenclature of organic chemical systems ○ Antiseptics and disinfectants ○ Antileprotic Drugs ○ Antibiotics ○ Hypnotics ● Pharmacognosy <ul style="list-style-type: none"> ○ Definition, history, and scope of Pharmacognosy ○ Pharmaceutical aids ○ Various systems of classification of drugs and natural origin ○ Adulteration and drug evaluation ● Biochemistry clinical pathology <ul style="list-style-type: none"> ○ Introduction to Biochemistry ○ Carbohydrates, Lipids ○ Vitamins, Enzymes ○ Therapeutics ● Human anatomy physiology <ul style="list-style-type: none"> ○ Scope of Anatomy and Physiology ○ Elementary Tissues ○ Skeletal Systems ○ Cardiovascular Systems ○ Respiratory Systems ○ Muscular Systems 		

ક્રમ	વિષય	ગુણભાર	માધ્યમ
	<ul style="list-style-type: none"> • Health education community pharmacy <ul style="list-style-type: none"> ○ Concept of Health ○ Nutrition and Health ○ First aid ○ Environment and Health ○ Fundamental Principles of Microbiology ○ Communicable Diseases • Pharmacology and Toxicology <ul style="list-style-type: none"> ○ Introduction to pharmacology ○ Scope of pharmacology ○ Drugs: their advantages and disadvantages ○ General mechanism of drug action ○ Drugs acting on the central nervous system • Pharmaceutical jurisprudence <ul style="list-style-type: none"> ○ Origin and nature of pharmaceutical legislation in India ○ Principles and significance of professional ethics ○ Pharmacy Act, 1948 ○ The Drugs and Cosmetics Act, 1940 ○ The Drugs and Magic Remedies Act, 1954 • Drug store business management <ul style="list-style-type: none"> ○ Introduction ○ Drug house management ○ Sales ○ Recruitment, Training ○ Banking and Finance ○ Introduction to accounting • Hospital clinical pharmacy <ul style="list-style-type: none"> ○ Definition, function, and classification of Hospitals ○ Hospital pharmacy ○ The drug distribution system in the hospital ○ Manufacturing ○ Drug Information Service ○ Introduction to Clinical Pharmacy ○ Modern dispensing aspects 		