

કુલ પ્રશ્નો:૩૦૦	પ્રાથમિક કસોટીનો અભ્યાસક્રમ	કુલ ગુણ -૩૦૦
Part-I		
માધ્યમ: ગુજરાતી	સામાન્ય અભ્યાસ	ગુણ -૧૦૦
૧	ભારતની ભૂગોળ- ભૌગોલિક, આર્થિક, સામાજિક, કુદરતી સંસાધન અને વસ્તી અંગેની બાબતો- ગુજરાતના ખાસ સંદર્ભ સાથે	
૨	ભારતનો સાંસ્કૃતિક વારસો- સાહિત્ય, કલા, ધર્મ અને સ્થાપત્યો- ગુજરાતના ખાસ સંદર્ભ સાથે	
૩	ભારતનો ઇતિહાસ - ગુજરાતના ખાસ સંદર્ભ સાથે	
૪	ભારતની અર્થવ્યવસ્થા અને આયોજન	
૫	ભારતીય રાજનીતિ અને ભારતનું બંધારણ: (૧) આમુખ (૨) મૂળભૂત અધિકારો અને ફરજો (૩) રાજ્યનીતિના માર્ગદર્શક સિદ્ધાંતો (૪) સંસદની રચના (૫) રાષ્ટ્રપતિની સત્તા (૬) રાજ્યપાલની સત્તા (૭) ન્યાયતંત્ર (૮) અનુસૂચિત જાતિ, અનુસૂચિત જનજાતિ અને સમાજના પછાત વર્ગો માટેની જોગવાઈઓ (૯) એટર્ની જનરલ (૧૦) નીતિ આયોગ (૧૧) પંચાયતી રાજ (૧૨) નાણા પંચ (૧૩) બંધારણીય તથા વૈધનિક સંસ્થાઓ- ભારતનું ચૂંટણી પંચ, સંઘ લોક સેવા આયોગ, રાજ્ય લોક સેવા આયોગ, કોમ્પ્ટ્રોલર એન્ડ ઓડિટર જનરલ; કેન્દ્રીય સતર્કતા આયોગ, લોકપાલ તથા લોકાયુક્ત અને કેન્દ્રીય માહિતી આયોગ	
૬	સામાન્ય બૌદ્ધિક ક્ષમતા કસોટી	
૭	સામાન્ય વિજ્ઞાન, પર્યાવરણ અને ઈન્ફર્મેશન એન્ડ કોમ્યુનિકેશન ટેકનોલોજી	
૮	ખેલ જગત સહિત રોજબરોજના પ્રાદેશિક, રાષ્ટ્રીય અને આંતરરાષ્ટ્રીય મહત્વના બનાવો	

Post: Lecturer (Homoeopathic Surgery), Class-II (Advt.No:25/19-20)

Total Questions:300 Syllabus of Preliminary Test Total Marks-300	
Part-I	
Medium: Gujarati	General Study
Marks- 100	
1	Geography of India- Physical, Economic, Social, Natural Resources and population related topics- with special reference to Gujarat
2	Cultural heritage of India- Literature, Art, Religion and Architecture- with special reference to Gujarat
3	History of India with special reference to Gujarat
4	Indian Economy and Planning
5	<u>Indian Polity and the Constitution of India:</u> (1) Preamble (2) Fundamental Rights and Fundamental Duties (3) Directive Principles of State Policy (4) Composition of Parliament (5) Powers of the President of India (6) Powers of Governor (7) Judiciary (8) Provisions for Scheduled Castes, Scheduled Tribes and backward classes of the society (9) Attorney General (10) NITI Aayog (11) Panchayati Raj Institutions (12) Finance Commission (13) Constitutional and Statutory Bodies: Election Commission of India, Union Public Service Commission, State Public Service Commission, Comptroller and Auditor General; Central Vigilance Commission, Lokpal and Lokayukta, Central Information Commission
6	General Mental Ability
7	General Science, Environment and Information & Communication Technology
8	Daily events of Regional, National and International Importance including Sports

Part-II Syllabus of Concerned Subject

(Homeopathy) (Surgery)

Medium: English

Questions: 200

Marks: 200

1. HOMOEOPATHIC PHILOSOPHY

Concepts of principles and practice, Homoeopathic philosophy. Symptomatology. Causations. Case taking. Case processing.

2. ANATOMY

Gross Anatomy: Introduction, Superior Extremity, inferior Extremity, head, neck, thorax, abdomen and pelvis, Endocrine organs, Development Anatomy, Neuro Anatomy, Gross anatomy of brain and spinal cord and the main nerve tracts, the peripheral nerves, cranial nerves, Autonomic nervous system, Micro anatomy: Modern concepts of cell and its components, cell division, types with their significance, Elementary genetic definition, Mandel's law and their significance, Applied genetics, Embryology, Regional anatomy.

3. PHYSIOLOGY

Introductions, Bio-chemicals principle, Bio-Physical Principles, Environmental Physiology, Skelato-Muscular System, Nerve, Blood, Cardio Vascular System, Respiratory System, Digestive System, Excretory System, Endocrine, Reproduction, Central Nervous System, Special Senses, Nutrition.

4. SURGERY

Principles of Surgery, Fundamentals of Examination of a patient with surgical problems, Use of common Instruments for Examination of a patient, asepsis, antisepsis, Dressings, plaster, operative surgery etc., Practical Instruments,

Training in Minor surgical Methods, Physiotherapy measures, Radiology, Dental Diseases, Neonatal Surgery, general surgical procedures, Inflammation, Infections (Specific and Non-specific) Suppuration, Bacteriology, Immunity, Injuries of various kinds- wound healing and management including Ulcers, Sinuses, Gangrene, etc., Hemorrhage, shock, their management, Resuscitation and support in emergencies, Accidents and Warfare injuries management, Burns management, Fractures and Dislocation, Diseases of Bones, Diseases of the Joints, Diseases of the muscles, Diseases of the Arteries, Diseases of the veins, Diseases of the Lymphatic system, Diseases of the nerves, Immunology: general Organ rejection, Transplants, etc., Oncology: Tumors, Cysts, etc. general principles of management, Congenital disorders: orientation and correction procedures, Bandages and Surgical appliances, X-rays, Surgical Diseases of the Infancy and Childhood.

ORTHOPAEDICS: Study about injuries, inflammation, ulcer, sinus, tumors, cysts

OPHTHALMOLOGY: Common diseases, accidents, injuries of various parts of eyes, clinical examination of eyes, common eye operations and relevant care, ophthalmoscopy.

OTORHINOLARYNGOLOGY (ENT): Study of Ears, Nose, Throat, Tracheobronchial Tree, Oesophagus

MANAGEMENT OF COMMON SURGICAL PROCEDURES AND EMERGENCY PROCEDURES: Wounds, Abscesses, etc. Incision and Drainage, Venesections, Dressings and plasters, Suturing of various types, Preoperative and post-operative care, Management of post-operative complications, Management of shock, Management of Acute Haemorrhage, Management of acute injury cases, Management of a Head Injury case.

5. RESEARCH METHODOLOGY

Research Biomedicine, Need of Research and Research Challenges in Homoeopathy, Types of Research Studies. Planning of Research Studies, Design and control of clinical trials, Data collection and Data management, Assessing and reporting adverse events, Ethical issues in biomedical research, Writing & Publishing research studies.

6. BIOSTATISTICS

Definition and scope of Biostatistics in clinical research, Types of data methods of data presentation, Descriptive statistics (Mean, Median, Mode, SD and Variance etc.), Correlation and regression, sampling techniques and sample size estimation, Measure of Mortality, Data analysis, Use of statistical software, Organon of Medicine and Homoeopathic philosophy, Homoeopathic material medica, and Repertory.

7. LEGISLATIONS RELATING TO MEDICAL PROFESSION

The Homoeopathy Central Council Act, 1973 (59 of 1973). Pre-natal Diagnostic Techniques (Regulation and Prevention of Misuse) Act, 1994, Homoeopathic Practitioners (Professional Conduct, Etiquette and Code of Ethics) Regulations, 1982.

8. CURRENT TRENDS AND RECENT ADVANCEMENTS IN THE FIELD OF HOMEOPATHIC SURGERY.