

<p style="text-align: center;">પ્રાથમિક કસોટીનો અભ્યાસક્રમ</p> <p style="text-align: center;">પ્રશ્નપત્ર-૧ (Part-I)</p> <p>જા.ક- ૨૪/૨૦૧૯-૨૦, વૈધ પંચકર્મ/ નાયબ હોસ્પિટલ અધિક્ષક, વર્ગ-૧</p> <p>માધ્યમ: ગુજરાતી કુલ ગુણ : ૧૦૦</p>	
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	<p><u>ભારતીય રાજનીતિ અને ભારતનું બંધારણ:</u></p> <p>(૧) આમુખ</p> <p>(૨) મૂળભૂત અધિકારો અને ફરજો</p> <p>(૩) રાજ્યનીતિના માર્ગદર્શક સિદ્ધાંતો</p> <p>(૪) સંસદની રચના</p> <p>(૫) રાષ્ટ્રપતિની સત્તા</p> <p>(૬) રાજ્યપાલની સત્તા</p> <p>(૭) ન્યાયતંત્ર</p> <p>(૮) અનુસૂચિત જાતિ, અનુસૂચિત જનજાતિ અને સમાજના પછાત વર્ગો માટેની જોગવાઈઓ</p> <p>(૯) એટર્ની જનરલ</p> <p>(૧૦) નીતિ આયોગ</p> <p>(૧૧) પંચાયતી રાજ</p> <p>(૧૨) નાણા પંચ</p> <p>(૧૩) બંધારણીય તથા વૈધનિકસંસ્થાઓ- ભારતનું ચૂંટણી પંચ, સંઘ લોક સેવા આયોગ, રાજ્ય લોક સેવા આયોગ, કોમ્પ્ટ્રોલર એન્ડ ઓડિટર જનરલ; કેન્દ્રીયસતર્કતા આયોગ, લોકપાલ તથા લોકાયુક્ત અને કેન્દ્રીય માહિતી આયોગ</p>
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

Syllabus of Preliminary Test
Paper-1 (part-I)

**Advt- 24/2019-20, Vaidhya Panchkarma / Deputy Hospital Superintendent,
Class-1**

Medium: Gujarati

Total 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

**Syllabus for the Post of Vaidya Panchkarma/Deputy Hospital
Superintendent, Class-I in the Gujarat Ayurveda Service.**

Part-II

Marks: 200

Question: 200

Medium: English

1. Basic Concepts of Ayurveda

Ayurved history in detail and introduction of classical texts during samhita era and their contribution. Classification and general introduction to schools of Indian Philosophy with an emphasis on: Nyaya, Vaisheshika, Sankhya and Yoga. Introduction of PanchMahabhoot, Aatma, Mann, Kala&Disha, Samanya-Vishesh Sidhdhant & Karya- Karana Sidhdhant, various PRAMANA mentioned in Ayurvedic classics. Introduction to the authors of Brihatrayi & Laghutrayi and their contribution in detail.

2. Basic Concepts of Following Subjects

Dravyaguna, Agadtantra and Vidhi Ayurved, Rasashastra and Bhaishajyakalpana, Agrya Bhava from Charak Samhita Sutrasthana and other Classical Texts, Roga Nidan and Vikriti Vigyan, Swastha Vritta, Prasutievum Strirog, kaumarbhritya, Samanya Chikitsa Siddhanta, Kayachikitsa, Shalya Tantra, Shalakyata Tantra, Kriya Sharir, Rachana Sharir.

3. Chikitsa and its classifications

Antah Parimarjana and Bahir Parimarjana Chikitsa, Principles of Chikitsa, Kriyakal, Shadvidha and Dvidvidha Upakrama and role of

Panchakarmatherein. Applied aspects of Trividha, Shadvidha, AshtaVidha and DashaVidhaPariksha.

4. Applied Anatomy and Physiology

Applied anatomy and physiology of cortex, cranial and peripheral nerves. Functions of various single muscles and groups of muscles, applied anatomy and physiology of joints. Methods of physical examinations of central nervous system, respiratory and cardiovascular system, gastrointestinal system, locomotor system and various skin lesions.

5. Differential diagnosis of Amavata (rheumatoid arthritis), Vatarakta (gout) and Sandhivata (osteoarthritis). Examination of lumbar and cervical disorders including Gridhrasi (sciatica) and Vishvachi (Brachial neuralgia). Interpretation of spirometry and ECG findings.

6. Definition of Karma,Trividha Karma for Shodhana. Importance of Panchakarma in health and disease. Indications and contraindications for Shodhana. Applied aspects of Koshta and Agni. Importance of Purva and Pashchata Karma in Shodhana. PariharaVishaya for Panchakarma. SamsarjanaKrama. General knowledge of various Aushadha and AharaKalpana used for Panchakarma.

7. Knowledge of equipments and instruments used in Panchkarma in ancient times and the possible modifications therein now. Knowledge of quality standards of NABH (National Accreditation Board of Hospitals) for Ayurveda, guidelines for establishment and management of ecofriendly Panchkarma theatre including management of biomedical waste.

8. Purva Karma-Snehana and Svedana

Panchkarma in Ashtanga Ayurved and Significance of Shodhana, Ama and Shodhana, benefits of Shodhana, SamikshyaBhavas in Shodhana, Importance of Pachana prior to Snehana, methods, drugs, duration and dose for Pachana, samyakLakshana of PachanaSnehana, Etymology and definition of Sneha and Snehana, General considerations about Snehana, Detail Classifications of Sneha and Sneha-Yoni, Properties of SnehanaDravya and their interpretation. Effects of Snehana. SnehaKalpana, various types of SnehaPaka with their utility. Indications and contraindications of Snehana, Detail Classification and study of Bahya and AbhyantaraSnehana. Karmukata of Abhyantara and BahyaSnehan, Need and method of Rukshana before performing Snehana in specific conditions and SamyakRukshanaLakshana, ShodhanngaSnehanaVidhi and methods of fixation of dose, Diet and Pathya during Snehana, Observation of snehaJiryamana, Jirna and AjirnaLkashana, Samyak, Asnigdha and Ati Yoga Lakshana of Snehana, Snehsvyapta and their management, Pariharyavishaya and Parihara Kala, Knowledge of digestion and metabolism of fat, Knowledge of different western massage techniques.

9. Svedana

Etymology and definition of Svedana, General considerations about Svedana, Properties of Svedan and SvedopagaDravya, Indications and contraindications of Svedana, Various Classifications and detail study of Sveda and Svedna, Detailed Knowledge about Utility of various Svedan procedures, AvasthanusariSvedana in various disorders, Samyak, Ayoga and AtiyogaLakshana, SvedaVyapat and their management, Diet and regimens during and afterSvedana, Karmukata of Svedana, Current

sudation modalities like Sauna bath, Steam Bath, Infrared etc, Svedana with Kati Basti, JanuBasti and GrivaBasti, Study of Snehana and Svedana related portions in classics with commentaries.

10. Vamana and Virechana Karma Vamana Karma

Etimology, definition and general considerations of vamana, Properties of Vamaka and Vamanopaga drugs, Knowledge and utility of important Vamaka drugs and their preparations (Vamana Yoga), AvasthanusaraVamana and its utility. Indications and Contraindications of Vamana. Pachana prior to Snehana. Detailed knowledge and method of preparation of patient with Snehana. Abhyanga and Svedana as Purvakarma of Vamana, Administration of food articles and Management prior, during and after Vamana, Drug, time, Anupana, Sahapana, dose and method of administration of Vamana and Vamanopaga preparations, Method of Vamana Karma, waiting period for automatic Vamana Vega and manipulation in its absence, Detail knowledge and management of VamanaKarma.VamanaKarmukata with Pharmaco-dynamics of Vamana.

11. Virechana Karma

Etymology, definition and general considerations of Virechana, Importance of Vamana and Virechana as shodhana, Virechana better than Vamana, Necessity of Vamana prior to Virechana, Preparation of patients for Virechana after Vamana, Preparation of patients directly for Virechana, Properties of main Virechaka and Virechanopaga drugs, Classifications of Virechana drugs with definition, example and utility of each type. Indications and Contraindications of Virechana. Utility of Virechana for the specific conditions and stages of the disease, Detail Study of Purva

Karma of Virechana. Detail study, management and Method of performing of Virechana Karma, Study of Vamana and Virechana related portions in classics with commentaries, recent advances of researches on the effect of Vamana and Virechana, Scope of research for Vamana and Virechana, Role of Vamana and virechana in promotion of health prevention and treatment of diseases.

12. Basti Karma and Nasya Karma Basti Karma

Etymology, definition and general considerations of Basti, Importance of Basti in Kayachikitsa and other branches of Ayurveda, Classifications of Basti, Drugs useful in Basti, Indications and Contraindications of Basti, its role at the various stages of diseases, Description of Bastiyantras, Bastinetra and Bastiputaka and their Doshas. Modified BastiYantra, their merits and demerits, Detail Study of Niruha, Anuvasana and Uttara basti and their management according to Ayurved and Modern Systems of Medicines.

13. Nasya Karma

Etymology, synonyms, importance and definition of Nasya, Nasya drugs according to various Samhita, Classifications and sub-classifications of Nasya with detailed knowledge of each type, Indications and contraindications of each type of Nasya with reasons, Drugs useful for Nasya with Dose and methods of preparations and their doses, Nasya Kala and Pathya before, during and after Nasya; Duration of different Nasyas. Detailed knowledge of Purvakarma, Pradhan Karma and Pashchata Karma of each types of Nasya and their administration with management during and after Nasya, NasyaKarmukata, Applied anatomy and physiology

related to Nasa hi SirsoDvaram, blood and nerve supply to nose, Shringatakamarma, olfactory nerve and centers, aroma therapy, trans nasal administration of drug, recent advances in nasal drug delivery, Study of relevant portion in classics with commentaries

14. Raktamokshana and Physiotherapy

Definition, importance, classifications and detailed knowledge of each type of Raktamokshana with their methods of performance, General principles, indications, contraindications of Raktamokshana, Detailed knowledge of Jalaukavacharana: Indications and contraindications of Jalaukavacharana, various tyoes of Jalauka with their beneficial and harmful effects. Purvakarma and method of Jalaukavacharana, observations and Pathya before, during and after Jalaukavacharana. Management during and after Jalaukavacharana, Symptoms of Samyak, Ayoga and Atiyoga and Vyapat of ofRaktamokshana and their management with Ayurveda and Modern medicines. Pariharyavishaya and Pariharakala, Karmukata of different types of Raktamokshana, Detail study of Clinical Physical Medicine. Principles of occupational therapy, Physiotherapy exercises for various disorders.

15. Disease-wise Panchakarma

Role of Panchakarma in Different Stages of various Diseases and disorders.

16. Regulatoryframework and activities of followingOrganizations

Ministry of AYUSH, Central Council of IndianMedicine(CCIM), Central Council of Research in Ayurvedic Sciences (CCRAS),AyurvedicPharmacopeiacommission, National

Medicinal Plants Board (NMPB), Council of Scientific and Industrial Research (CSIR), Indian Council of Medical Research (ICMR), World Health Organization (WHO), Rashtriya Ayurveda Vidyapeeth, Gujarat Ayurved University (Jamnagar), National Institute of Ayurveda.

- 17. Gujarat Civil Services Classification and Recruitment (General) Rules, 1967 (With amendments).**
- 18. Gujarat Civil Services (Discipline and Appeal) Rules, 1971 (with amendments).**
- 19. Gujarat Civil Services (Conduct) Rules, 1971 (with amendments).**
- 20. Gujarat Civil Services (General Conditions of Services) Rules, 2002.**
- 21. Gujarat Civil Services (Joining Time, Foreign Services, Deputation out of India, Payment During Suspension, Dismissal and Removal) Rules, 2002.**
- 22. Gujarat Civil Services (Leave) Rules, 2002.**
- 23. Gujarat Civil Services (Pay) Rules, 2002.**
- 24. Gujarat Civil Services (Pension) Rules, 2002.**
- 25. The Financial Powers (Delegation) Rules, 1998.**
- 26. Gujarat State Procurement Policy, 2016.**
- 27. Current Trends and Recent Advancements in Ayurveda.**