

प्रदेश लोक सेवा आयोग

सुदूरपश्चिम प्रदेश

प्रदेश निजामती सेवा र स्थानीय सरकारी सेवा अन्तरगत स्वास्थ्य सेवा, जनरल हेल्थ सर्भिसिज समूह, अधिकृतस्तर आठौं तह, मेडिकल अधिकृत वा सो सरह पदको आन्तरिक, अन्तरसेवा र खुला प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

पाठ्यक्रमको रूपरेखा : यस पाठ्यक्रमलाई निम्नअनुसार दुई चरणमा विभाजन गरिएको छ।

प्रथम चरण : लिखित परीक्षा (Written Examination)

पूर्णांक : २००

द्वितीय चरण : सामूहिक परीक्षण र अन्तरवार्ता (Group Test & Interview)

पूर्णांक : ३५

परीक्षा योजना (Examination Scheme)

१. प्रथम चरण : लिखित परीक्षा (Written Examination)

पूर्णांक : २००

पत्र	विषय	पूर्णांक	उत्तीर्णांक	परीक्षा प्रणाली	प्रश्न संख्या × अंक	समय
प्रथम	जनरल हेल्थ	१००	४०	वस्तुगत बहुवैकल्पिक(MCQs)	१०० प्रश्न × १ अंक	१ घण्टा १५ मिनेट
द्वितीय	सर्भिसिज	१००	४०	विषयगत (Subjective)	१० प्रश्न × १० अंक	३ घण्टा

२. द्वितीय चरण : सामूहिक परीक्षण र अन्तरवार्ता (Group Test & Interview)

पूर्णांक : ३५

विषय	पूर्णांक	परीक्षा प्रणाली	समय
सामूहिक परीक्षण (Group Test)	१०	सामूहिक छलफल (Group Discussion)	३० मिनेट
व्यक्तिगत अन्तरवार्ता (Interview)	२५	मौखिक (Oral)	-

द्रष्टव्य

- लिखित परीक्षाको माध्यम भाषा नेपाली वा अंग्रेजी अथवा नेपाली र अंग्रेजी दुवै हुन सक्नेछ ।
- लिखित परीक्षाको दुवै पत्रको विषयवस्तु एउटै हुनेछ ।
- प्रथम तथा द्वितीय पत्रका पाठ्यक्रमका एकाईहरूबाट सोधिने प्रश्नहरूको संख्या निम्न अनुसार हुनेछ ।

प्रथम पत्रका एकाई	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
प्रश्न संख्या	10	5	5	5	5	10	10	10	10	10	10	10	10	10	10	10	10
द्वितीय पत्रका खण्ड	A						B						C		D		
द्वितीय पत्रका एकाई	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
प्रश्न संख्या	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

- वस्तुगत बहुवैकल्पिक (Multiple Choice) प्रश्नहरूको गलत उत्तर दिएमा प्रत्येक गलत उत्तर बाफत २० प्रतिशत अंक कट्टा गरिनेछ। तर उत्तर नदिएमा त्यस बाफत अंक दिईने छैन र अंक कट्टा पनि गरिने छैन ।
- बहुवैकल्पिक प्रश्नहरू हुने परीक्षामा कुनै प्रकारको क्याल्कुलेटर प्रयोग गर्न पाईने छैन ।
- विषयगत प्रश्नका लागि तोकिएका १० अंकका प्रश्नहरूको हकमा १० अंकको एउटा लामो प्रश्न वा एउटै प्रश्नका दुई वा दुई भन्दा बढी भाग (Two or more parts of a single question) वा एउटा प्रश्न अन्तरगत दुई वा बढी टिप्पणीहरू (Shorts notes) सोध्न सकिने छ ।
- द्वितीय पत्रमा प्रत्येक खण्डका लागि छुट्टाछुट्टै उत्तरपुस्तिकाहरू हुनेछन्। परीक्षार्थीले प्रत्येक खण्डका प्रश्नहरूको उत्तर सोही खण्डको उत्तरपुस्तिकामा लेख्नु पर्नेछ ।
- यस पाठ्यक्रम योजना अन्तरगतका पत्र/विषयका विषयवस्तुमा जेसुकै लेखिएको भए तापनि पाठ्यक्रममा परेका कानून, ऐन, नियम तथा नीतिहरू परीक्षाको मिति भन्दा ३ महिना अगाडी संसोधन भई कायम रहेकालाई यस पाठ्यक्रममा परेको सम्झनु पर्दछ ।
- प्रथम चरणको लिखित परीक्षामा छनौट भएका उम्मेदवारहरूलाई मात्र द्वितीय चरणको सामूहिक परीक्षण र अन्तरवार्तामा सम्मिलित गराईने छ ।
- यो पाठ्यक्रम मिति २०८०।१०।०५ गते देखि लागु हुनेछ ।

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प्रथम र द्वितीय पत्र : जनरल हेल्थ सर्भिसेज

Etiology, symptoms, signs, investigation and curative and preventive management of the following health related problems:

Section: (A) - 30 Marks

1. General Medicine:

(10 Marks)

- 1.1 **Respiratory Diseases:** Acute Bronchitis, Chronic Obstructive Airway Disease, Bronchial Asthma, Pneumonias, Tuberculosis, Bronchogenic Carcinoma, Bronchiectasis, Occupational Lung Diseases, Respiratory Failure, SARS, Pleural effusion, Pneumothorax, Bird Flue, COVID-19, Influenzae
- 1.2 **Cardiovascular Diseases:** Rheumatic Fever, Rheumatic Heart Disease (MS MR, AS, AR), Congestive Cardiac Failure, Acute LVF, Ischemic Heart Disease, Myocardial Infarction, Hypertension, Infective Endocarditis, Congenital Heart Diseases, Cardiomyopathies, Cor pulmonale, Cardiac arrhythmias, Cardiogenic Shock
- 1.3 **Gastrointestinal Disease:** Acid Peptic Diseases, Cirrhosis of Liver and ascitis, Hepatitis, Hepatic Coma, Abdominal Tuberculosis, Pancreatitis, Worm Infestation, Ulcerative, Colitis, Carcinoma of Gastro Intestinal Tract, Gastroenteritis, H pylori, Gastro-oesophageal reflux
- 1.4 **Blood and Lymphoreticular Diseases:** Anaemia, Leukaemia, Purpura, Agranulocytosis, Polycythemia, Reticulosis, Lymphomas, Hemoglobinopathies (Sickle cell anemia, Thalassemia)
- 1.5 **Neurological Diseases:** Cerebro -Vascular Accident, Meningitis, Encephalitis, Parkinson's Disease, Paraplegia, Multiple Sclerosis, Myasthenia Gravis, Epilepsy, Neuro - cysticercosis, Bell's palsy, GBS, Neurosyphilis, Coma Headache, Spin bifida, Neurogenic Shock, Coma, Cerebral Malaria
- 1.6 **Endocrine and Metabolic Diseases:** Diabetes Mellitus, Non-ketotic Coma, Ketoacidosis, Thyrotoxicosis, Hypothyroidism, Cushing's Syndrome, Addison's Disease, Hyperparathyroidism, Tetany, Hypogonadism, Diabetes Insipidus
- 1.7 **Joint and Collagen Diseases:** Rheumatoid Arthritis, Gout, Systemic Lupus Erythematosus, Osteoarthritis, Osteomalacia and Osteoporosis, Ankylosing, Spondylitis
- 1.8 **Renal Diseases:** Urinary Tract Infection, Acute Glomerulonephritis, Nephrotic Syndrome, Urinary Calculi, Renal Failure, Acute kidney disease, chronic kidney disease, Tuberculosis, Neoplasm, Acidosis, Alkalosis, Hyperkalemia, Kidney Transplantation, Dialysis, Renal replacement therapy
- 1.9 **Tropical Diseases:** Cholera, Enteric Fever, Malaria, Filariasis, Kala-azar, Leprosy, Chickenpox, Amoebiasis, Mumps, Snakebite, Rabies, Insect bite, Tuberculosis, Food Poisoning, Tetanus, Scorpion Bite, Hornet Bite
- 1.10 **Geriatric health**

2. Psychiatry:

(Unit 2 & 3 = 10 Marks)

Emotional Disorders (anxiety, depression, sleep disturbance), Neurosis, Psychosis, Psychosomatic Disorders, Anorexia nervosa. Substance abuse (Alcohol/drugs/ others)

3. Dermatology and STD

- (i) Dermatology: Urticaria, Scabies, Dermatophytosis, Herpes Simplex, Herpes Zoster, Psoriasis, Lichen Planus, Pemphigoid, Pemphigus, Drug Eruption

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(ii) STD: Syphilis, gonorrhoea, Non Specific Urethritis. HIV, AIDS including Universal Precaution

4. Pharmacology:

(Unit 4 & 5 = 10 Marks)

Poison and Toxicology- Organophosphorus, Barbiturates, Corrosives, Heavy metals, Mushroom poisoning, Drugs in pregnancy and lactation, Prescribing in children and elderly, Dosage, Preparation, Mode of action and side effects of drugs acting on different systems of body

5. Emergency Medicine

Cardio pulmonary resuscitation, Basic life support, Advance cardiac life support, Triage. Primary survey, Secondary survey, Management of Acute poisoning, Coma, Acute pain abdomen & chest, Status Epilepticus, Acute severe asthma, Breathlessness, Epistaxis, Vaginal bleeding, Shock including anaphylaxis, Multiple trauma including blunt abdominal injury, Haemoptysis, haematemesis and malaena, RTA, Trauma, Primary trauma care, Death certification & death declaration, Cut down, Poisoning, Animal bite, Dog bite, Insect bite, Snake bite, Catheterisation, NG Tube Insertion, Chest tube insertion, intubation

Section: (B) - 30 Marks

6. General Surgery:

(10 Marks)

Sinus, Fistula, Fissure, Polyp, Ulcer, Tumour, Hernia, Hydrocoele, Burn, Shock, Peptic Ulcer, Pyloric Stenosis, Haematemesis and Malaena, Oesophageal Varices, Intestinal Obstruction, Paralytic ileus, Acute Abdomen, Ac Appendicitis, Typhoid Perforation, Perforated Peptic Ulcer, Lymphadenitis, Haemorrhoids, Gall Stones, Urinary Stones, Liver Abscess, Hydatid Cyst, cholecystitis, Biliary Obstruction, Pancreatitis, Pain Abdomen, Pneumothorax, Pleural Effusion, Haemothorax, Chylothorax, Bronchiectasis, Pulmonary Embolism, Lung Abscess, Bronchogenic Carcinoma, Thrombo-angitis obliterans, Chyluria, Deep Vein Thrombosis, Head Injuries, Phimosis, Para-Phimosis, Pinhole Meatus, Stricture Urethra, Carcinoma Penis, Hydronephrosis, Retention of Urine, Enlarge Prostate, Incontinence of Urine, Vasectomy, Goiter, Tumours of Testis, Lymphomas, rupture spleen, Carcinoma of Bladder, Hydramnios, Breast abscess and Carcinoma breast, Hypovolemia, Oliguria, Ac Retention of Urine, Suprapubic Cystosmy, Wounds

7. Ophthalmology Trachoma:

(Unit 7, 8 & 9 = 10 Marks)

Injuries of Eye, Foreign Body in Eye, Conjunctivitis, Refractive Error, Malignancy of Eye, Diabetic and Hypertensive Retinopathy, Stye, Chalazion, Blephritis, Cellulitis, Corneal Ulcer, Keratomalacia, Scleritis and Episcleritis, Choroiditis, Erythrocyclitis, Cataract, Glaucoma, Trachoma, Vitreous Haemorrhage, Optic Neuritis, Retinal Detachment, Myopia, Hypermetropia, Astigmatism, Presbyopia, Diplopia, Squint, Proptosis, Ephemphora, Dacryocystitis, Dacryoadentis, Ocular Hazards in Agriculture and Industry

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8. Ear, Nose and Throat:

Foreign Bodies in Ear, Nose and Throat, Otitis Media, Otitis Externa, Mastoiditis, Mastoid abscess Rupture of Tympanic Membrane, Meniere's Disease, Hearing Loss, Rhinitis, Nasal Allergy, Polyp, Epistaxis, Sinusitis, Tonsillitis, Peritonsillar Abscess, Pharyngitis, Ludwig's Angina, Hoarseness of Voice, Laryngotracheitis, Laryngeal Obstruction, Diphtheria, Tracheostomy, Carcinoma of Larynx, Wax in Ear, Haematoma Auris, Furunculosis, Septal abscess, Rhinosporidiosis, Otomycosis

9. Dental:

Carries, Extraction of teeth, Gingivitis, Pulpitis, Root abscess, Leucoplakia, Carcinoma of gum, Pericoronitis, Dentigerous cyst, other dental cysts

10. Bone and Joint Disease:

(Unit 10, 11 & 12 = 10 Marks)

Fracture, Dislocation, Crush Injury, Compartment syndrome, Amputation, Osteomyelitis, Tubercular Spine, Septic Arthritis, Erb's palsy, Synodactily, Poliomyelitis, Rickets, Artificial Limbs, Spondylosis, Physiotherapy

11. Anesthesiology & Emergency:

Principles of administering safe general anaesthesia, Local Anaesthesia, Pre-anaesthetic history, Pre-anaesthetic drugs, Anaesthetics, Post-anaesthetic complications, Basic life support and cardiopulmonary resuscitation, Lumbar Puncture, Intubation

12. Pathology:

Interpretations of laboratory results, Normal values of biochemical and haematological tests, Aetiology, Pathogenesis, Microscopic and Macroscopic features of different disease entities listed under different subjects and mentioned under heading 1 to 5 and 8 to 11

Section: (C) - 20 Marks

13. Obstetrics and Gynecology:

(10 Marks)

Antenatal, Natal and Postnatal care, Pregnancy Induced Hypertension, Eclampsia, Tuberculosis, Diabetes Mellitus and Rheumatic Heart Diseases in relation to Pregnancy, Hyper emesis Gravidarum, Stages of labour, Retained Placenta, Ruptured Uterus, Foetal Distress, Maternal Distress, Prolonged Labour, Obstructed Labour Leucorrhoea, Ante partum and Postpartum Haemorrhage, Abortion, Multiple Pregnancy, Hydramnios, Foetal Malformation, Endometriosis, Tumours of Genital Tract, Ovarian cyst, Fibroid, Genital prolapsed, Family Planning

14. Childhood Diseases:

(10 Marks)

ARI, Measles, Mumps, Pertussis, Poliomyelitis, Diphtheria, Tuberculosis, Enteric Fever, Diarrhoeal Diseases, Pneumonias, Lung Abscess Cellulitis, Candidiasis, Meningitis, Rhumatic Fever, Worm Infestations, Cyanotic Congenital Heart Disease, Cretinism, Protein-energy Malnutrition, Down's syndrome, Turner Syndrome, rickets, Vitamin A Deficiency, Mental Retardation

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Section: (D) - 20 Marks

15. Community Medicine

(10 Marks)

Demography, Sociology and social understanding of health, Socio-cultural patterns, Social Problems and Social Changes, Health Economics, Gender and Environmental issues, Effective doctor patient relationship Sociological research methods, Epidemiology, Investigation of an Epidemic in District, Problem Solving Exercise on the Epidemic of Infection Diseases, Infectious Diseases, Bacterial, Viral, Fungal, Protozoal, Metazoals, Cestode, Nematode, Epidemiology of Non- infectious and Chronic Diseases, Bio- statistics, Safe Water and Sanitation, Food Sanitation, Insects and Rodent Control, Housing, Concept of Health Education, Principles of Behavior Change Communication, Group Dynamics, Methods and Media and Health Education, Nutrition and Health, Breast Feeding, Complementary Feeding, Food Hygiene, Adulteration and Food Processing, Nutritional Education and Surveys, National Health Programs, RH and Safe Motherhood, CBR, EPI, IMCI, Growth monitoring, School Health, Occupational health, Health Care Delivery System in Nepal, issues and challenges of the Health Care Delivery system, federal, provincial and local health System, Management and Administrative Requirement of the Job Descriptions as drawn up by the Ministry for Medical Officers, Electronic health recording system and Telemedicine

16. Forensic Medicine and Jurisprudence:

(Unit 16 & 17 = 10 Marks)

Role and Duties of Medical Practitioner, Autopsy, Post-mortem and its Legal Implication, Medical Ethics, Death, Rigor Mortis, Putrefaction, Mummification, Saponification, Wounds, Rape, Infanticide, Abortion, Homicide, Suicide, Procedure for Identifying living person and dead body

17. Acts related to Health and Medical Profession:

Nepal Health Services Act, Nepal Health Service Regulation, National Health Policy, Sudurpashchim Province Health Policy, Sudurpashchim Province Public Health Act, Nepal Medical Council Act, Mother's Milk Substitute Act, Legalization of abortion, Organ Transplant Act, Public Procurement Act and Regulation, Sustainable Development Goals (SDGs), GESI, National Health Financing Strategy, Nepal Health Sector Strategy, Health Insurance Act, other health related acts of Federal and Sudurpashchim Province

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द्वितीय चरण (Second Phase) : सामूहिक परीक्षण र अन्तरवार्ता (Group Text & Interview)

सामूहिक परीक्षण (Group Test)

(१० अंक)

सामूहिक छलफल (Group Discussion)

यस प्रयोजनको लागि गरिने परीक्षण १० पूर्णाङ्क र ३० मिनेट अवधिको हुनेछ, जुन नेता विहिन सामूहिक छलफल (Leaderless Group Discussion) को रूपमा अवलम्बन गरिने छ | दिइएको प्रश्न वा Topic का बिषयमा पालैपालोसंग निर्दिष्ट समय भित्र समुह बीच छलफल गर्दै प्रत्येक उम्मेदवारले व्यक्तिगत प्रस्तुति (Individual Presentation) गर्नु पर्नेछ |

सामूहिक छलफलमा दिइने नमुना प्रश्न वा Topic

उदारणको लागि - उर्जा संकट, गरिबी निवारण, बाली बिमा, खाद्य सुरक्षा, प्रतिभा पलायन जस्ता समसामयिक विषयवस्तुहरुबाट कुनै एक Topic दिइनेछ |

अन्तरवार्ता (Interview)

(२५ अंक)

बोर्ड अन्तरवार्ता (Board Interview)

ΩΩTHE ENDΩΩ