

नेपाल सरकार
गृह मन्त्रालय
प्रहरी प्रधान कार्यालय
(मानवश्रोत एवं प्रशासन विभाग, भर्ना तथा छनौट महाशाखा)
नक्साल, काठमाण्डौं ।

प्राबिधिक प्रहरी नायब उपरिक्षक (चिकित्सक) जनरल सर्जरी (MS Surgery) समूहको खुला प्रतियोगितात्मक परीक्षाको पाठ्यक्रम ।

पाठ्यक्रमको रूपरेखा:- यस पाठ्यक्रमको आधारमा निम्नानुसार दुई चरणमा परीक्षा लिईने छ :-

प्रथम चरण:- लिखित परीक्षा (Written Examination)

पूर्णाङ्क :- २५०

द्वितीय चरण:- अन्तरवार्ता (Interview)

पूर्णाङ्क :- ३५

प्रथम चरण:- लिखित परीक्षा योजना (Examination Scheme)

Paper	Subject	Part	Marks	Full Marks	Pass Marks	No. and Weight of Question	Time
I	Hospital Administration and Management	I-Hospital Administration and Management	10	50	20	5X2=10 (Short Answer)-1	2.00 hrs.
		II- General Health Issues	40			2X15=30 (Long Answer) 1X10=10 (Long Answer)	
II	Service Specific	I-General Subject	25	150	60	1X15=15 (Critical Analysis) 1X10=10 (Long Answer)	4.00 hrs
		II- Technical Subject	125			4X20=80 (Critical Analysis) 3X15=45 (Problem Solving)	
तृतीय	नेपाल प्रहरी सेवा सम्बन्धी	नेपाल प्रहरी सेवा सम्बन्धी	१०	५०	२०	बस्तुगत बहुउत्तर १०×१ = १०	१ घण्टा १० मिनेट
			४०			विषयगत लामो उत्तर १×१० = १० छोटो उत्तर ६×५ = ३०	

द्वितीय चरण

परीक्षाको किमीम	पूरुणाङ्क	परीक्षा प्रणाली
ब्यक्तिगत अन्तवार्ता	३५	मौखिक

द्रष्टव्य :

- लिखित परीक्षाको प्रश्नहरू अंग्रेजी भाषामा हुनेछन् र उत्तर लेख्दा नेपाली वा अंग्रेजी अथवा नेपाली अंग्रेजी दुवै भाषामा लेख्न सकिनेछ ।
- पाठ्यक्रममा भएका यथासम्भव सबै पाठ्यांशहरूबाट प्रश्न सोधिनेछन् ।
- बस्तुगत बहुउत्तर (Multiple Choice) प्रश्नहरूको उत्तर सही दिएमा प्रत्येक सही उत्तर बापत पुरा अङ्क प्रदान गरीनेछ भने गलत उत्तर दिएमा प्रत्येक गलत उत्तर बापत २०% अङ्क कट्टा गरीनेछ।तर उत्तर नदिएमा त्यस बापत अङ्क दिइनेछैन र अङ्क कट्टा पनि गरिने छैन।
- प्राबिधिक प्रहरी नायब उपरिक्षकहरूको खुल्ला प्रतियोगिताको प्रथम पत्रको परीक्षा सबै उपसमुहलाई संयुक्तरूपमा एकै प्रश्नपत्रबाट एकैदिन हुनेछ।
- द्वितीया पत्रको परीक्षासमुह/उपसमुह अनुसार छुट्टाछुट्टै एकैदिन हुनेछ।
- तृतीया पत्रको परीक्षा सबै उपसमुहहरूलाई संयुक्तरूपमा एकै प्रश्नपत्रबाट एकैदिन हुनेछ।
- प्रथम पत्रको Part I को उत्तरपुस्तिका एउटामात्र हुनेछ भने Part I र द्वितीय पत्रको दुवै Part का लागि प्रत्येक प्रश्नको उत्तरपुस्तिकाहरू छुट्टाछुट्टै हुनेछन्।
- यस पाठ्यक्रममा जे सुकै लेखिएको भएतापनि पाठ्यक्रममा परेका ऐन, नियमहरू, परीक्षाको मिति भन्दा ३ महिना अगाडि(संशोधन भएका वा संशोधित भई हटाइएका वा थप गरी संशोधित भई कायम रहेका)लाई यस पाठ्यक्रममा परेको सम्झनु पर्दछ।
- अन्तवार्ताको अंकभार सम्बन्धमा प्रहरी सेवाको पदमा नियुक्ति र वढुवा गर्दा अपनाउनुपर्ने सामान्य सिद्धान्त २०६९ को अनुसुची-१९ मा ब्यबस्था भए बमोजिम हुनेछ।

प्राबिधिक प्रहरी नायब उपरिक्षक (चिकित्सक) जनरल सर्जरी (MS Surgery) समहूको खुल्ला
प्रतियोगितात्मक परीक्षाको पाठ्यक्रम ।

Paper I: Hospital Administration, Management and General Health Issues

Part I: Hospital Administration and Management

- 1. Introduction to Management**
 - 1.1 Management Process
 - 1.2 Managerial Roles & Skills
 - 1.3 Nature of Managerial work
- 2. Environmental Context**
 - 2.1 The external environment
 - 2.2 The internal environment
 - 2.3 Organizational Culture
 - 2.4 Organization environmental Relationship
 - 2.5 Environmental – organizations effectiveness
- 3. Managing Interpersonal & Communication**
 - 3.1 Interpersonal nature of Organization
 - 3.2 Forms of Communication
 - 3.3 Managing Organizational Communication
- 4. Planning & Organizing**
 - 4.1 Planning process
 - 4.2 Organizational goal
 - 4.3 Kinds of Organizational Plans
 - 4.4 Time frames for planning
- 5. Concept of Hospital Planning**
 - 5.1 Information and concept of Hospital planning
 - 5.2 Guiding Principles in Planning Hospital facilities & services
 - 5.3 Concept of Hospital unitization and its influencing factor
 - 5.4 Master plan
- 6. Background of Hospital**
 - 6.1 Distinguishing Characteristics of Hospital
 - 6.2 Complexities of Hospital
 - 6.3 Organogram of the Hospital
 - 6.4 Governing Board and its functions
- 7. Quality / Customer Service and Measuring Quality**
 - 7.1 Define Customer and Identify Customers
 - 7.2 Domains of Quality
 - 7.3 Customer Experience: Core Service & Delivery of Service
 - 7.4 Excellent Customer Service; Caring Service
 - 7.5 Individual Behavior: Stress, Communication and Interpersonal Relationship
- 8. Patient Satisfaction and Quality Audit**
 - 8.1 Setting Objectives and Agreeing upon Standards
 - 8.2 Assessment of Patient Satisfaction
 - 8.3 Feedback: Customers, Staff, Suppliers etc.
 - 8.4 Quality Audit and Review Techniques
- 9. Hospital Store, Planning & Distribution**
 - 9.1 Definitions, Objectives, Importance
 - 9.2 Material cycle
 - 9.3 Integrative Material Management

9.4 Factors Affecting & types for distribution

10. Miscellaneous

10.1 Problem solving & decision making models

10.2 Procurement, Receipt & Inspection in Hospital store

10.3 Equipment planning, selection, utilization

10.4. Import, maintenance & Audit of Hospital Equipments

Paper 1

Part II: General Health Issues

1. National Health Policy, 2071
2. Guideline for Health Institutions Established Upgrade standard, 2070
3. Health and Human Right including Women's Right, Children's Right, Professional's Right, Client Right and Informed Consent
4. Gender Issues and Health
5. International Health Agencies: Role and Responsibilities of WHO, UNICEF, UNFPA and Interagency Relationships
6. Professional Council and Related Regulations
7. Medical Ethics
8. Health Management Information System (HMIS)
9. Health Insurance and Financing in Health Care
10. Continue medical Education (CME)

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Paper II

Part I: General Subject

1. Institutional Management
2. Organization of faculty/department
3. Prevention/Risk for non-communicable diseases
4. Financing planning
5. Scientific paper writing
6. Research methodology/ Research activities
7. National Health Statistics, analysis particular in relation to non-communicable diseases.
8. Information technology, Tele medicine etc.

Part II: Technical Subject

- 1) Basic & Applied
 - a) Applied Surgical Anatomy
 - i) Required to have acknowledge of the structure and function of all system of the body where applicable to common clinical conditions
 - ii) Knowledge of histology to understand the function to tissue and organs as well as growt, degeneration and repair
 - iii) Embryological basic of those common congenital anomalies.
 - b) System
 - i) Nervous system
 - ii) Respiratory system
 - iii) Cardiovascular system
 - iv) Endocrine system
 - v) Muscal skeletal system
 - vi) General – eg. Acide base balance, fluid and electrolyte balance, nutrition, metabolic response to trauma and sepsis etc.
- 2) Applied Physiology
- 3) Surgical Pathology
 - a) Knowledge of the principles of pathology and microbiology virology in context of surgery including inflammation, infection, neoplasm, response on the tissues to injury disturbance of growth, degeneration processes, repair and regulation.
 - b) Immunology, Genetics
 - c) Neoplastic diseases
 - d) Pathology specimens and etc.
 - e) Nervous system
 - f) Repiratory system
 - g) Cariovascular system
 - h) Genito-urinary system
 - i) Gastrointestinal system
 - j) Muscle skeletal system
- 4) Critical Case
 - a) Emphasis on pathos physiological and fundamental surgical situation eg. Trauma, shock, organ failiure, infection etc.
 - i) Clinical pictures
 - ii) Investigation
 - iii) Diagnosis confirmation
 - iv) Management – use of equipments
 - v) Monitoring – complications
 - vi) Counseling – communication
 - vii) Follow-up

5) Surgical Management

- a) Broad Knowledge of principle of management
 - i) Clinical practice
 - ii) Investigation
 - iii) Diagnosis
 - iv) Treatment- Conservative, operations, palliative
 - v) Monitoring
 - vi) Follow-up – of the condition of
 - (1) Nervous system
 - (2) Respiratory system
 - (3) Cardiovascular system
 - (4) Gastro intestinal System
 - (5) Genitourinary system
 - (6) Endocrine and breast
 - (7) Musculo skeletal system and soft tissue
 - (8) Trauma/Polytrauma

6) Principles of Surgery

- a) Knowledge of the General principle of the practice of Surgery
 - i) Imaging techniques/interventional Radiology
 - ii) Endoscopy/Laprosopy
 - iii) Surgery at extremes of life
 - iv) Theatre techniques
 - (1) Aseptic techniques – sterilization
 - (2) Anaesthesia in general, maintenance of homeostasis
 - (3) Basic techniques – suturing material dressing plaster
 - (4) Diathermy
 - (5) Tourniquet
 - v) Wound healing, dehiscence, scar, contractures
 - vi) Post operative complication and management
 - vii) Sepsis in surgery
 - (1) Acute and Chronic, inflammation
 - (2) Wound infection and septicemia
 - (3) Sp, infection, TB, Leprosy, AIDS, Bacterial infection
 - (4) Antiseptic, Antibiotic policies

7) Operation Surgery

- a) Nervous System
 - i) Exposure to extra dural haematoma
 - ii) Skull traction
 - iii) Nerve repair and transplant
 - iv) Trauma –skull, spine
- b) Respiratory System
 - i) F.B. in respiratory tract
 - ii) Tracheostomy, Laryngostomy
 - iii) Chest Drainage
 - iv) Thoractomy
 - v) Chest trauma (variety of injuries)
- c) Cardiovascular
 - i) Cardiotomy
 - ii) Exposure to artery and vein, embolectomy
 - iii) Amputations
- d) Gastrointestinal System
 - i) All type of GI Surgery of all magnitude and types
 - ii) Different combination of operation
 - (1) Except- transplantation

- e) Genito urinary system
 - i) Suprapubic bladder drainage
 - ii) Cystoscopy
 - iii) Exposure of kidney, calculus, obstructive uropathy
 - iv) Perinephric abscess
 - v) Scrotal/testicular operation
 - vi) Ectopic pregnancy/other pelvic surgery
- f) Endocrine and breast
 - i) Thyroid/parathyroid
 - ii) Breast surgery (no reconstruction)
- g) Musculo skeletal and soft tissue
 - i) Simple skeletal traction
 - ii) Compartmental syndrome
 - iii) Bone infection
- h) Plastic
 - i) Simple cleft lip repair
 - ii) Skin grafting/flaps
 - iii) Skin lesion
 - iv) Lymphnode and biopsy
- i) Other
 - i) Venesection central line
 - ii) Laryngoscope, ET intubation
 - iii) FNAC/trucut needle biopsy
 - iv) Defibrillation
- 8) Recent advance
 - a) Research-inside country
 - b) Recent advance – international
 - c) Not published research work
 - d) Future national vision
 - e) Laproscopic Surgery (Cholecystectomy, Appendectomy, Hernioraphy/plasty, Colon Surgery etc.)
 - f) Endo-Uro Surgery (ESWL,URS,TURP,TURBT, PCNL,Mini PCNL etc.)
 - g) Robotic Surgery

-समाप्त-