

नेपाल सरकार
गृह मन्त्रालय
प्रहरी प्रधान कार्यालय नक्साल, काठमाण्डौं
(मानव श्रोत विकास विभाग, भर्ना तथा छनौट शाखा)

प्राबिधिक प्रहरी नायब उपरिक्षक (चिकित्सक) स्त्री तथा प्रसुती रोग (MD Gynae & Obs.) समहूको खुल्ला
प्रतियोगितात्मक परीक्षाको पाठ्यक्रम ।

प्रथम चरण :- लिखित परीक्षा (Written Examination)

पूर्णाङ्क:- २५०

द्वितीय चरण :- अन्तवार्ता (Interview)

पूर्णाङ्क:- ३५

प्रथम चरण(First Phase) :- लिखित परीक्षा योजना (Written 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	सेवा सम्बन्धी	नेपाल प्रहरी सेवा सम्बन्धी	३०	५०	२०	वस्तुगत बहुउत्तर १५x२=३०	१ घण्टा
			२०			बिषयगत ४ x५=२०	

द्वितीय चरण (Second Phase) :-

परीक्षाको किस्म	पूर्णाङ्क	परीक्षा प्रणाली
ब्यक्तिगत अन्तवार्ता	३५	मौखिक

द्रष्टव्य :

- १) लिखित परीक्षाको प्रश्नहरू अंग्रेजी भाषामा हुनेछन् र उत्तर लेख्दा नेपाली वा अंग्रेजी अथवा नेपाली अंग्रेजी दुवै भाषामा लेख्न सकिनेछ।
- २) पाठ्यक्रममा भएका यथासम्भव सबै पाठ्यांशहरूबाट प्रश्न सोधिनेछन्।
- ३) 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।
- ४) प्राविधिक प्रहरी नायब उपरिक्षकहरूको खुल्ला प्रतियोगिताको प्रथम पत्रको परीक्षा सबै उपसमुहलाई संयुक्तरूपमा एकै प्रश्नपत्रबाट एकैदिन हुनेछ।
- ५) द्वितीया पत्रको परीक्षासमुह/उपसमुह अनुसार छुट्टाछुट्टै एकैदिन हुनेछ।
- ६) तृतीया पत्रको परीक्षा सबै उपसमुहहरूलाई संयुक्तरूपमा एकै प्रश्नपत्रबाट एकैदिन हुनेछ।
- ७) प्रथम पत्रका Part I को उत्तरपुस्तिका एउटामात्र हुनेछ भने Part I र द्वितीय पत्रको दुवै Part का लागि प्रत्येक प्रश्नको उत्तरपुस्तिकाहरू छुट्टाछुट्टै हुनेछन्।
- ८) 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।
- ९) 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)) स्त्री तथा प्रसुती रोग (MD Gynae & Obs.) समुहको 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, 2017
2. Guideline for Health Institutions Established Upgrade standard, 2017
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)

प्राबिधिक प्रहरी नायब उपरिक्षक (चिकित्सक) स्त्री तथा प्रसुती रोग (MD Gynae & Obs.) समहूको खुल्ला प्रतियोगितात्मक परीक्षाको द्वितिय पत्रको पाठ्यक्रम ।

Paper II

Part I: General Subject

1. Research Methodology

1.1. Bio-statistics.

1.2. Basics in research methodology including search and critical review of medical literature, selection of appropriate study design, analysis of findings.

1.3. Problem oriented medical record.

Paper II: (Part II: Technical Subject)

A. Obsterics

- 1) **Anatomy:** Knowledge of anatomy of abdomen and pelvis applied to surgical procedures undertaken by the obstetrician and gynaecologist.
- 2) **Pathology:** Infection, inflammation therapeutic intervention (especially by the use of irradiation, cytotoxic drugs and hormones), disturbances in blood flow, loss of body fluids and neoplasia. Knowledge about changes in haemostasis in health and disease of a pregnant women.
- 3) **Pharmacology:** Knowledge of those drugs used in obstetrics and gynaecology Hormonal contraceptives in pregnancy and gonadotrophins and drugs contraindicated in pregnancy.
- 4) **Immunology:** Immunological changes in pregnancy; fetal development of the immune system, with particular knowledge of rhesus and isoimmunisations.
- 5) **Infectious diseases:** Knowledge of infectious diseases affecting pregnant and non-pregnant woman and fetus in utero. Knowledge of epidemiology, diagnostic techniques, prophylaxis, immunization and the use of antibiotics and antiviral agents.
- 6) **Epidemiology and statistics:** Collect data apply methods of statistical analysis. Knowledge of setting up clinical trials and the ability to interpret data through commonly used terms and techniques, interpretation of results of research, investigations, clinical trials design and medical audit.
- 7) **Diagnostic imaging:** Understand the application of ultrasound, computerized tomographic scanning and magnetic resonance imaging.
- 8) **Radiodiagnosis:** Basic chest skull and abdominal radiography in different views. Contrast radiography of different organs like IVP, Ba-series, Hysterosalpingography. Radiology of bones and joints.
Recent advances in radiology like CT, MRI and radioisotope scanning Genetics and embryology. Detailed knowledge of normal and abnormal karyotypes, of the inheritance of genetic disorders and of the genetic causes of early abortion to diagnosis fetal abnormality, intrauterine treatment of the fetus genetics and embryology. Demonstrate the ability to explain to patients and discuss its practical and ethical implications.
- 9) **Normal pregnancy:** Changes maternal and fetal physiology during normal pregnancy, antepartum care its, aim and methods changes of implementation, i.e. organization of intrapartum care, including obstetrical analgesia and anaesthesia and anaesthesia, and of the normal puerperium. Importance of Nutrition during pregnancy and puerperium. Understand the importance of breast feeding and postpartum contraception.
- 10) **Abnormal pregnancy:** Knowledge of all aspects of abnormality during pregnancy, labor and puerperium and their management. Understand effects of pre-existing disease (obstetrical, gynaecological medical or surgical) on pregnancy and demonstrate the ability to provide informative counseling before, during and after pregnancy. Knowledge of neonatal resuscitation and of the principles of neonatal management, Respiratory distress syndrome (RDS), prematurity and congenital abnormality.

B. Gynaecology

1. **Prepubertal gynaecology:** Knowledge of normal and abnormal sexual development paediatric pathology and its management, normal puberty, and its disorders and their management.
2. **Adolescent gynaecology:** Disorder of behaviour and sexual function counseling for safe living.
3. **Menstruation:** Physiology of normal menstruation, pathophysiology of menstrual disorders their investigation and management. Menopause and its management.
4. **Infertility:** Causes of infertility, investigation and management of the infertile couple, techniques involved in assisted reproduction.
5. **Infection:** Sexually transmitted diseases including AIDS.
6. **Abortion:** Cause of abortion, its management, complication of therapeutic abortion and its legal aspects.
7. **Contraception:** Various method of permanent and temporary contraceptives, their uses and side effect.
8. **Psychosexual medicine:** Management of psychosexual problems including puerperal psychosis and the psycho social impact of violence against women
9. **Urogynaecology:** Surgical and non- surgical management urogynaecological problems.
10. **Gynaecological oncology:** Epidemiology and aetiology and the principles of carcinogenesis, tumour immunology and pathology. Diagnostic techniques and staging of gynaecological tumors. Treatment including surgery, radiotherapy, chemotherapy, and terminal care of patients dying due to gynaecological malignancy.
11. **Breast:** Problems of lactation and its management, Breast Lump and its management.
12. **Obstetrical and Gynaecological surgery:** Principle of obstetric and gynaecological (surgery) procedures preoperative assessment and post operative care.
13. **Ethics and the law:** Basic ethical and legal issues involved in contemporary obstetrical and gynecological practice, Introduction to ethical theories, medical ethics, Professional ethics, Ethics in research, Ethics in health policy.
14. **Recent advances and subspeciality:** Uro-gynaecology, Infertility, Gynaecology oncology,
15. **Community obstetric and gynaecology:**
 - 15.1. Knowledge about basics community disease profile
 - 15.2. Definitions and causes of maternal morbidity and mortality and perinatal mortality, neonatal mortality and infant mortality rate.
 - 15.3. Effect of socio cultural behavior in Reproductive health.
 - 15.4. National Health Programmes related to Maternal and child health, continuing health services for maternal care and child health, organizing health care delivery and referral system.
 - 15.5. Future vision to reduce maternal morbidity and morality and perinatal mortality.

प्राविधिक प्रहरी नायब उपरिक्षक (चिकित्सक)) स्त्री तथा प्रसुती रोग (MD Gynae & Obs.) समूहको खुल्ला
प्रतियोगितात्मक परीक्षाको तृतीय पत्रको पाठ्यक्रम ।
नेपाल प्रहरी सेवा सम्बन्धी

खण्ड “क” वस्तुगत बहुउत्तर

(१५×२=३०)

१. प्रहरी परिचय

- (क) नेपाल प्रहरीको ऐतिहासिक पृष्ठभूमि
- (ख) नेपाल प्रहरी सेवाको प्रकार
- (ग) नेपाल प्रहरीको दर्ज्यानी चिन्ह
- (घ) नेपाल प्रहरी सेवाको पद तथा श्रेणी
- (ङ) नेपाल प्रहरीका भूपू.प्रहरी महानिरीक्षकहरूको नामावली
- (च) नेपाल प्रहरीको संयुक्त राष्ट्रसंघमा सहभागिता
- (छ) प्रहरी ऐन, २०१२ तथा प्रहरी नियमावली, २०७१ (संशोधन सहित) सामान्य जानकारी

२. सेवा, शर्त र सुविधा सम्बन्धी

- (क) नेपाल प्रहरी कर्मचारीले प्राप्त गर्ने सेवा सुविधा
- (ख) नेपाल प्रहरी कर्मचारीको काम-कर्तव्य र अधिकार
- (ग) नेपाल प्रहरीमा भर्ना छनौट तथा नियुक्ति प्रक्रिया

३. संगठनात्मक स्वरूप

- (क) नेपाल प्रहरीको कार्यालयको स्थापना र कार्यालय प्रमुख सम्बन्धी व्यवस्था
- (ख) प्रहरी प्रधान कार्यालयको मातहतमा रहने प्रहरी कार्यालयहरू
- (ग) क्षेत्रीय प्रहरी कार्यालयको मातहतमा रहने प्रहरी कार्यालयहरू

खण्ड “ख” छोटो उत्तर

(४×५=२०)

- (क) नेपाल प्रहरी सेवाको ऐतिहासिक पृष्ठभूमि र वर्तमान संगठनात्मक स्वरूप
- (ख) नेपाल प्रहरीको आचरण र नागरिकसंगको सम्बन्ध
- (ग) अपराध अनुसन्धान, परिचय, महत्व र प्रविधिको प्रयोग
- (घ) नेपाल प्रहरीमा प्राविधिक प्रहरी कर्मचारीको महत्व र आवश्यकता
- (ङ) विपद व्यवस्थापन र नेपाल प्रहरी
- (च) नेपाल प्रहरीमा प्राविधिक प्रहरी कर्मचारीको सेवा प्रवेश विधि (भर्ना छनौट तथा नियुक्ति प्रक्रिया)