नेपाल सरकार
गृह मन्त्रालय
प्रहरी प्राधिकारिकता
(मानवश्रोत एवं प्रशासन विभाग, भर्ती तथा छनौट महाशाखा)
नक्साल, काठमाण्डौ।

प्राविधिक प्रहरी नायक उपरक्षक (विभिन्तक) खी तथा प्रसुती रोग (MD Gynae & Obs.) समूहको खेत्रमा प्रतियोगितात्मक परीक्षाको पाठ्यक्रम।

पाठ्यक्रमको रूपरेखा: यस पाठ्यक्रमको आधारमा निम्नानुसार दोई चरणमा परीक्षा लिइने छः

प्रथम चरण: - लिखित परीक्षा (Written Examination) पूर्णाङ्क: २५०
द्वितीय चरण: - अन्तर्वार्ता (Interview) पूर्णाङ्क: ३५

प्रथम चरण: - लिखित परीक्षा योजना (Examination Scheme)

<table>
<thead>
<tr>
<th>Paper</th>
<th>Subject</th>
<th>Part</th>
<th>Marks</th>
<th>Full Marks</th>
<th>Pass Marks</th>
<th>No. and Weight of Question</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>I</td>
<td>Hospital Administration and Management</td>
<td>I-Hospital Administration and Management</td>
<td>10</td>
<td>50</td>
<td>20</td>
<td>5X2=10 (Short Answer)-1</td>
<td>2.00 hrs.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>II-General Health Issues</td>
<td>40</td>
<td></td>
<td></td>
<td>2X15=30 (Long Answer) 1X10=10 (Long Answer)</td>
<td></td>
</tr>
<tr>
<td>II</td>
<td>Service Specific</td>
<td>I-General Subject</td>
<td>25</td>
<td>150</td>
<td>60</td>
<td>1X15=15 (Critical Analysis) 1X10=10 (Long Answer)</td>
<td>4.00 hrs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>II-Technical Subject</td>
<td>125</td>
<td></td>
<td></td>
<td>4X20=80 (Critical Analysis) 3X15=45 (Problem Solving)</td>
<td></td>
</tr>
<tr>
<td>तृतीय</td>
<td>नेपाल प्रहरी सेवा सम्घनी</td>
<td>नेपाल प्रहरी सेवा सम्घनी</td>
<td>१०</td>
<td>६०</td>
<td>२०</td>
<td>बस्तुगत बहुउत्तर 10×1=१०</td>
<td>१ घण्टा २० मिनेट</td>
</tr>
<tr>
<td></td>
<td></td>
<td>विषयगत लामो उत्तर 1×१०=१० छोटो उत्तर ६×५=३०</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


<table>
<thead>
<tr>
<th>परीक्षाको किसिम</th>
<th>पूर्णाङ्क</th>
<th>परीक्षा प्रणाली</th>
</tr>
</thead>
<tbody>
<tr>
<td>व्याख्यातानि अन्तर्वित</td>
<td>३५</td>
<td>मौखिक</td>
</tr>
</tbody>
</table>

प्रश्नः

1) लिखित परीक्षाको प्रश्नहरू अंग्रेजी भाषामा हुनेछन् र उत्तर लेख्दा नेपाली वा अंग्रेजी अथवा नेपाली अंग्रेजी दुवै भाषामा लेखन सकिने छ।

2) पाद्यक्रममा भएका व्याख्यानबाट प्रश्न सांख्यिकीकृत भएको छ।

3) व्यूहलाई (Multiple Choice) प्रश्नहरूको उत्तर र दिएको प्रश्न दुबै सबै उत्तर पुस्तका छुट्टा मुहूर्तमा र छुट्टा जवाब दिइएका छ र अठै जवाब दिइएका जवाबलाई पुस्तकालगुन दिइएका छ। तर त्यसैलाई अठैलाई नवपुस्तका छुट्टा मुहूर्तमा र छुट्टा जवाबलाई नवपुस्तका छुट्टा मुहूर्तमा दिइएका छ।

4) प्रावधिक प्रश्नको नात्तौ सबै पाठ्यांशहरूबाट प्रश्न भएका छ।

5) विवेकानन्द प्रवर्तकहरूको खुल्ला प्रतियोगिताको प्रथम पक्षको परीक्षा सबै उपसमुहहरूबाट संयुक्तपूर्णमा एकै प्रश्नपत्रिका एकैदिन हुनेछ।

6) दिविया परीक्षा समूह/उपमूल अनुसार क्रमवारी छुट्टाले एकैदिन हुनेछ।

7) प्रथम पक्षको Part I को उत्तरपुस्तका एउटामा हुनेछ भने Part I र दिविया परीक्षा सबै उपसमुहहरूबाट संयुक्तपूर्णमा एकै प्रश्नपत्रिका एकैदिन हुनेछ।

8) यस पाद्यक्रममा जसै दिनाङ्ग भएको भए भएको अनुसार पाद्यक्रममा प्रक्रिया एन, नियमहरू, परीक्षाको मिति भन्दा ३ महिना अगाडि (संशोधन भएका वा संशोधनी भएका र ध्यान गरी संशोधन भएका कायम रहेका) लाई यस पाद्यक्रममा परिवर्तन पर्दछ।

9) अन्तर्वितको अनक्षम सम्बन्धमा प्रहरी सेवाको पदमा नियुक्ति र बढ्नु गर्दै अपनाउनै पाठ्यक्रममा सामान्य सिद्धान्त २०६९ को अनुसार १५ मा व्यवस्था भए बसोबस हुनेछ।
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)
Paper I

Part I: General Subject

1. Research Methodology
   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. Obstetrics

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 hest skull and abdominal radiography in different views. Contrast radiography of different organs like IVP, Ba-series, Hysterosalphingography. 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 discorders 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.
4. Infertility: Causes of infertility, investigation and management of the infertile couple, techniques involved in assisted reproduction.
5. Infection: Sexually transmitted diseases including AIDS.
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.
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.
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.
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.