

पाटन स्वास्थ्य विज्ञान प्रतिष्ठान
सेवा आयोग प्राविधिक सेवा, नर्सिङ्ग समूह, प्रमुख नर्सिङ्ग अधिकृत पद, तह ङ(ख) को
खुला र आन्तरिक प्रतियोगितात्मक परीक्षाको पाठ्यक्रम
एवं परीक्षा योजना

| १. प्रथम चरण : – लिखित परीक्षा | | | | | | पूर्णाङ्क :- २०० | |
|---------------------------------|---|-----------|------------|-----------------|--------------------------|---|----------|
| पत्र | विषय | पूर्णाङ्क | उतीर्णाङ्क | परीक्षा प्रणाली | | प्रश्नसंख्या X अङ्क | समय |
| प्रथम | Technical Subject and Related Legislation | १०० | ४० | वस्तुगत | बहुवैकल्पिक प्रश्न | ५० प्रश्न x २ अङ्क | ४५ मिनेट |
| द्वितीय | | १०० | ४० | विषयगत | छोटो उत्तर लामो उत्तर | ४ प्रश्न X ५ अङ्क ५ प्रश्न X १० अङ्क | ३ घण्टा |
| | | | | | समस्या समाधान | २ प्रश्न x १५ अङ्क | |
| २. द्वितीय चरण : – अन्तर्वार्ता | | | | | | | |
| विषय | | पूर्णाङ्क | उतीर्णाङ्क | परीक्षा प्रणाली | | | समय |
| अन्तर्वार्ता | | ३० | - | मौखिक | | | |

द्रष्टव्य :

- यो परीक्षा योजनालाई प्रथम चरण (लिखित परीक्षा) र द्वितीय चरण (अन्तर्वार्ता) गरी दुई चरणमा विभाजन गरिएको छ ।
- लिखित परीक्षाको माध्यम भाषा नेपाली वा अंग्रेजी अथवा नेपाली र अंग्रेजी दुवै हुनेछ ।
- प्रथम र द्वितीय पत्रको पत्रको विषयवस्तु एउटै हुनेछ ।
- प्रथम र द्वितीय पत्रको लिखित परीक्षा छुट्टाछुट्टै हुनेछ ।
- लिखित परीक्षामा यथासम्भव पाठ्यक्रमका सबै एकाईवाट प्रश्नहरु सोधिनेछ ।
- वस्तुगत बहुवैकल्पिक (Multiple Choice) प्रश्नहरुको गलत उत्तर दिएमा प्रत्येक गलत उत्तर बापत २० प्रतिशत अङ्क कट्टा गरिनेछ । तर उत्तर नदिएमा त्यस बापत अङ्क दिइने छैन र अङ्क कट्टा पनि गरिने छैन ।
- विषयगत प्रश्नमा प्रत्येक पत्र/विषयका प्रत्येक खण्डका लागि छुट्टाछुट्टै उत्तरपुस्तिकाहरु हुनेछन् । परीक्षार्थीले प्रत्येक खण्डका प्रश्नहरुको उत्तर सोही खण्डका उत्तरपुस्तिकामा लेख्नुपर्नेछ ।
- यस पाठ्यक्रम योजना अन्तर्गतका पत्र/विषयका विषयवस्तुमा जेसुकै लेखिएको भए तापनि पाठ्यक्रममा परेका कानून, ऐन, नियम तथा नीतिहरु परीक्षाको मिति भन्दा ३ महिना अगाडि (संशोधन भएका वा संशोधन भई हटाईएका वा थप गरी संशोधन भई) कायम रहेकालाई यस पाठ्यक्रममा परेको सम्झनु पर्दछ ।
- प्रथम चरणको परीक्षाबाट छनौट भएका उम्मेदवारहरुलाई मात्र द्वितीय चरणको परीक्षामा सम्मिलित गराइनेछ ।

१०. पाठ्यक्रम लागू मिति :- २०८१/१२/०४

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खुला र आन्तरिक प्रतियोगितात्मक परीक्षाको पाठ्यक्रम
पत्र :-प्राविधिक विषय र सम्बन्धित कानूनहरु
(Technical Subject and Related Legislation)

खण्ड (A): 80 Marks

Technical Subject

1. Basic Nursing

- 1.1 Nursing process and its steps: Nursing assessment, nursing diagnosis, planning, implementation and evaluation of nursing care
- 1.2 Assessment of the client's health status: History taking, physical examination, measurement of height, weight and vital signs
- 1.3 Meeting safety needs
- 1.4 Promotion of comfort, rest and sleep
- 1.5 Meeting hygiene needs
- 1.6 Meeting nutritional and elimination needs
- 1.7 Infection prevention and control measures: Hand hygiene, universal precaution, disinfection and sterilization of equipment and hospital waste management
- 1.8 Emergency conditions and their first aid management: Choking, burn, fracture, hemorrhage, shock and poisoning

2. Nursing Concepts and Principles

- 2.1 Stress and crisis and their management
- 2.2 Pain management: Physiology, assessment and management
- 2.3 Communication and its role in nurse-client relationship
- 2.4 Nursing theories of Florence Nightingale, Orem, Roy, Virginia Henderson & Faye Abdullah
- 2.5 Nursing Process : Steps of Nursing process
- 2.6 Concept of holistic health/ alternative therapies: Therapeutic touch, bio- feedback relaxation, meditation and yoga
- 2.7 Concept of rehabilitation and rehabilitation process
- 2.8 Rights of patients
- 2.9 Ethical and legal aspects in nursing

3. Behavioral Science and Psychology Applied in Nursing

- 3.1 Major cultural groups and their health seeking behaviour
- 3.2 Factors affecting health of the people
- 3.3 Psychology applied to Nursing

4. Education Science in Nursing

- 4.1 Teaching and Learning Principles
- 4.2 Factors which affect Teaching / Learning
- 4.3 Teaching Methods and Media
- 4.4 Components of Curriculum Development
- 4.5 Evaluation: Types, Characteristics of evaluation tools

5. Applied Health Sciences

- 5.1 Anatomy and physiology of :
 - 5.1.1 Cardiovascular System
 - 5.1.2 Respiratory system
 - 5.1.3 Digestive system
 - 5.1.4 Muscular skeletal system

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खुला र आन्तरिक प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

- 5.1.5 Nervous system
- 5.1.6 Special senses
- 5.1.7 Reproductive system
- 5.1.8 Endocrine system
- 5.2 Pharmacology
 - 5.2.1 Principles of pharmacy kinetics and pharmacy dynamic
 - 5.2.2 Important Drugs and their actions
 - 5.2.3 List of essential Drugs as specified by WHO/ DDA (Department of Drug
 - 5.2.4 Administration)
 - 5.2.5 Life saving drugs
- 5.3 Patho- physiology
 - 5.3.1 General concepts of necrosis
 - 5.3.2 Inflammation
 - 5.3.3 Thrombosis
 - 5.3.4 Embolism
 - 5.3.5 wound – healing oedema
 - 5.3.6 Neoplasms
 - 5.3.7 Antigens and antibodies
- 5.4 Microbiology
 - 5.4.1 Classification of Micro – organism
 - 5.4.2 Microbial Morphology and the process of :
 - 5.4.3 Drug sensitivity testing
 - 5.4.4 Important terminologies
 - 5.4.5 Opportunistic infections
 - 5.4.6 Pathogens
 - 5.4.7 Bacterial toxins
- 5.5 Sterilization
 - 5.5.1 Different methods and Types
- 5.6 Biochemistry
 - 5.6.1 Digestion and absorption of carbohydrate, protein and fat
 - 5.6.2 Malabsorption
 - 5.6.3 Classifications of vitamins and requirement of different age group
- 5.7 Nutrition
 - 5.7.1 Assessment of Nutrition status
 - 5.7.2 Therapeutic diet in various medical conditions
 - 5.7.3 Menu planning & calculation of calorie for different age group
 - 5.7.4 Food belief & practice
 - 5.7.5 Common Nutritional deficiency diseases
- 6. Adult Nursing**
 - 6.1 Developmental needs and tasks of young adult and middle aged adult
 - 6.2 Life style of young adult and middle aged adult
 - 6.3 Common health problem of young and middle aged adult and their management: Respiratory, GI, urinary, cardio-vascular, endocrine, musculo-skeletal , neurological, eye ENT gynae problems
 - 6.4 Preoperative , operative and post-operative care
 - 6.5 Nursing role in promotion and maintenance of the health of young and middle-aged adults
- 7. Geriatric Nursing**

पाटन स्वास्थ्य विज्ञान प्रतिष्ठान
सेवा आयोग प्राविधिक सेवा, नर्सिङ्ग समूह, प्रमुख नर्सिङ्ग अधिकृत पद, तह ङ(ख) को

खुला र आन्तरिक प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

- 7.1 Physiological changes and common health problems of elderly people: Arteriosclerosis, myocardial infarction, hypertension, COPD, asthma, diabetes mellitus, senile cataract, glaucoma, osteoporosis and gout
- 7.2 Health promotion activities of elderly clients
- 7.3 Common cancers of elderly clients and their treatment therapies
- 7.4 Geriatric emergencies and their management: Chest pain, syncope, GI bleeding and hypothermia
- 8. Child Health Nursing**
 - 8.1 Concept of growth and development and assessment of children
 - 8.2 Growth of body systems at different age groups from infancy, toddlerhood, pre-school, school age to adolescence
 - 8.3 Developmental milestones and tasks
 - 8.4 Promotion of optimum growth and developments of children
 - 8.5 Care of new born: Immediate and subsequent care
 - 8.6 Common health problems of children using system approach
 - 8.7 Common psycho-social and behavioral problems of children
 - 8.8 Role of nurse in the care of sick children
 - 8.9 Stress of illness and hospitalization
- 9. Psychiatric Nursing**
 - 9.1 Mental health assessment: History taking and mental status examination
 - 9.2 Treatment modalities for mental illnesses
 - 9.3 Thought and mood disorders: Schizophrenia, depression
 - 9.4 Neurotic and stress-related disorders
 - 9.5 Psychiatric emergencies: Panic attacks, attempted suicide, hysterical attacks, alcohol withdrawal syndrome
 - 9.6 Substance and alcohol related disorders
 - 9.7 Psychiatric emergency
 - 9.8 Common Mental Health problems in Nepal
 - 9.9 Mental Health Policy in Nepal
- 10. Midwifery**
 - 10.1 Trends and issues in midwifery
 - 10.2 Concept of Family and reproductive health and related policies and strategies
 - 10.3 Prenatal/antenatal care
 - 10.4 Assessment of fetal wellbeing
 - 10.5 Minor and major disorders of pregnancy
 - 10.6 Medical diseases associated with pregnancy: Cardiac disease, diabetes, anemia and TORCH infection
 - 10.7 Health education/counseling of pregnant women
 - 10.8 Pain relief measures during labor
 - 10.9 Management of first, second, third and fourth stage of labor
 - 10.10 Malpresentations including their diagnosis and management: Breech, shoulder, cord presentation, placenta previa and multi-fetal pregnancy
 - 10.11 Obstetric emergencies and their life saving management: Intrapartum and post-partum hemorrhage, cord prolapsed and retained placenta
 - 10.12 Normal puerperium and care of postnatal mother
 - 10.13 Minor discomfort and major disorders of puerperium
 - 10.14 Menstrual cycle & its disorders
 - 10.15 Gynaecological disorder of adolescence & childhood

11. Community Health Nursing

- 11.1 Concept of community and community health
- 11.2 Family and reproductive health
- 11.3 Community health assessment and diagnosis
- 11.4 Primary health care: principles and elements
- 11.5 Concept of disease causation and epidemiological approach in solving health problems
- 11.6 Levels of diseases prevention and modes of intervention
- 11.7 Family planning program and nursing responsibilities
- 11.8 National immunization policy and program
- 11.9 Nutrition program in Nepal: Major nutritional problems, food hygiene and food act
- 11.10 Diarrheal disease control program and nursing responsibilities

12. Professionalism in Nursing

- 12.1 Code of ethics, code of professional conduct
- 12.2 Professional organization: NAN, NNC, ICN
- 12.3 Educational and career opportunities in nursing
- 12.4 Role of nursing education and research in professional advancement

13. Nursing Practice Issues

- 13.1 Alternative system of health and complementary therapies including USANi, ayurvedic and homeopathy
- 13.2 Models of illness prevention and health promotion, rehabilitation and referral
- 13.3 Family nursing and home health care/ family centered nursing approach
- 13.4 Disaster nursing management
- 13.5 Evidence based practice and its important in work place

14. Leadership and Management

- 14.1 Principles of leadership and management
- 14.2 Concept of authority, power, responsibility and accountability
- 14.3 Change process
- 14.4 Management of resources including human resource management
- 14.5 Health management information system (HMIS)
- 14.6 Process and tools of supervision
- 14.7 Management of budget
- 14.8 Management of disaster /emergency situation and preparation of hospital for disaster management (pre, during, and post)

15. Nursing Research

- 15.1 Purpose and Significance of research in Nursing
- 15.2 Research process
- 15.3 Principles, purposes and components of research proposal
- 15.4 Principles and components of a research report
- 15.5 Basic statistics in research: Graphic presentation of data, Frequency distribution, measures of central tendency and measures of variability

खण्ड (B): 20 Marks

16. ऐन, नियमहरु Related Legislation

- 16.1 पाटन स्वास्थ्य विज्ञान प्रतिष्ठान ऐन, २०६४
- 16.2 पाटन स्वास्थ्य विज्ञान प्रतिष्ठानको कर्मचारी सेवाका शर्त र सुविधा सम्बन्धी नियमावली, २०६७
- 16.3 पाटन स्वास्थ्य विज्ञान प्रतिष्ठान आर्थिक प्रशासन नियमावली, २०६७
- 16.4 पाटन अस्पताल संचालन विनियमावली, २०६७

पाटन स्वास्थ्य विज्ञान प्रतिष्ठान

सेवा आयोग प्राविधिक सेवा, नर्सिङ्ग समूह, प्रमुख नर्सिङ्ग अधिकृत पद, तह ढ(ख) को

खुला र आन्तरिक प्रतियोगितात्मक परीक्षाको पाठ्यक्रम

16.5 नेपाल स्वास्थ्य सेवा ऐन, २०५३ र स्वास्थ्य सेवा नियमावली, २०५५

16.6 नेपाल मेडिकल काउन्सिल ऐन, २०२० र नियमावली

16.7 नेपाल नर्सिङ्ग परिषद् ऐन, २०५२

16.8 नेपाल स्वास्थ्य व्यवसायी परिषद् ऐन, २०५३

प्रथम तथा द्वितीय पत्रमा यथासम्भव निम्नानुसार प्रश्नहरू सोधिनेछ ।

| प्रथम पत्र | | | |
|--------------|---------|---|-------------------------|
| खण्ड | अङ्कभार | प्रश्न संख्या | |
| | | वस्तुगत बहुवैकल्पिक प्रश्न | विषयगत |
| A | ८० | ४० प्रश्न X २ अङ्क = ८० | - |
| B | २० | १० प्रश्न X २ अङ्क = २० | - |
| जम्मा | | ५० प्रश्न X २ अङ्क = १०० | - |
| द्वितीय पत्र | | | |
| खण्ड | अङ्कभार | प्रश्न संख्या | |
| | | विषयगत | समस्या समाधान |
| A | १०० | छोटो उत्तर ४ प्रश्न X ५ अङ्क = २० लामो उत्तर ५ प्रश्न X १० अङ्क = ५० | २ प्रश्न x १५ अङ्क = ३० |
| B | - | - | - |
| जम्मा | | ४ प्रश्न X ५ अङ्क = २० ५ प्रश्न X १० अङ्क = ५० | २ प्रश्न x १५ अङ्क = ३० |

--- The end ---