



مفردات الامتحان التنافسي للدكتوراه والماجستير 2025-2026

Topics Included in the Competitive Ph.D. and MSc Exam 2025-2026

Topics for Community Health Nursing included In Competitive Exam for Ph.D Candidates 2025-2026

Unit 1: Community Health Nursing:

- Introduction to community health nursing.
- Definition of community health nursing.
- Philosophy of community health nursing.
- Characteristics of community health nursing.
- Scope of community health nursing.
- Principles of community health nursing.
- Objectives of community health nursing.
- Standards for community health nursing practice.
- Roles and functions of community health nurses :
 - Client – oriented roles
 - Delivery – oriented roles
 - Population – oriented roles

Unit 2: Community Assessment:

- Approach of community assessment.
- Functions of community assessment.
- Principles of communication assessment
- Data sources for community health assessment.
- Types of communication needs assessment.
- Communication assessment methods.
- Sources of communication data

Unit 3: The Epidemiologic Process:

- Basic Concept of epidemiology.
- The epidemiologic process.
- Epidemiologic investigating.
- Epidemiologic Models.

Unit 4: The Health Education Process:

- Purposes of health education.
- Barriers to learning.



- Theories of learning.
- Principles of learning.

Unit 5: Dimension of community health nursing:

- Dimension of Health.
- Dimension of Health care.
- Dimension of Nursing.

Unit 6: Approach of community health:

- Health Promotion.
- Case Management
- Quality Assurance, improvement and management.
- Empowerment.

Unit 7. Environmental Health:

- Types of Environment.
- Aspects of environmental health.
- Environmental Hazards.
- Role of community health nurse in the environmental health.

References:

- Cherie R., Mary Jo S. Community and Public Health Nursing, Promoting the Public's Health. TENTH EDITION. Copyright © 2022 Wolters Kluwer
- Judith A A., Cherie R., Kristine D. W. Community & Public Health Nursing Promoting (The Public's Health) 2014. Copyright © 2014 Wolters Kluwer
- Allender S , Spradley B , Community Health Nursing : Promoting and Protecting the Public Health , 6th ed., New York, Lippincott Williams & Wilkins , A Wolters Kluwer Company , 2009 .
- Basa Vanthappa, B., Community Health Nursing. 1st ed., Bangalora, Jaypee Brothers Medical Publishers Company, 2012.



Topics for Adult Health Nursing included In Competitive Exam for Ph.D Candidates 2025-2026

1. Management of Patients with Cardiovascular, and coronary artery disease:

A. Heart Failure

B. Myocardial Infarction (MI)

2. Management of Patients with Structural, Infectious, and Inflammatory Cardiac Disorder:

A. Pericarditis

B. Endocarditis

C. Myocarditis

3. Management of Patients with Neurological Disorder:

A. Stroke (C.V.A)

B. Brain Tumor

C. Increased Intracranial Pressure

D. Epilepsy

4. Management of Patients with Blood Disorders:

A. Leukemia

6. Management of Patient with Endocrine Disease:

A. Diabetes Mellitus

B. Thyroid Disorders

7. Basic Nursing

A. Physical Examination

B. Electrolyte Balance



Reference

1. Hinkle, J., Cheever, K., and Overbaugh, K. (2022): Brunner and Suddarths, Textbook of medical surgical nursing. 15th ed., Walters Kluwer, Lippincott Williams and Wilkins. china.
2. Berman, A., Snyder, S., Frandsen, G. (2022): Kozier and Erb's Fundamentals of Nursing. United Kingdom: Pearson.
3. Taylor, C., Lynn, P., & Bartlett, J. (2023): Fundamentals of nursing: The art and science of person-centered care. Lippincott Williams & Wilkins.
4. Forbes, H., & Watt, E. (2020): Jarvis's Health Assessment and Physical Examination-E-Book: Australian and New Zealand. Elsevier Health Sciences.



Topics for Maternal and Neonate Nursing included In Competitive Exam for Ph.D Candidates 2025-2026

1. Anatomy & physiology of reproductive system (male& female).
2. Menstrual Cycle (Ovarian Cycle and Endometrial)
3. Development & physiology of fetus
4. Normal pregnancy and changes
5. Antenatal and intrapartum fetal wellbeing assessment
6. Nursing care during complications of pregnancy (HT and preeclampsia, gestational DM, maternal anemia, UTIGERD, fetal growth restriction, Rh- sensitization, perinatal infections,...)
7. Nursing care of twin pregnancy & labour
8. Labor & delivery: (Normal & Complicated)
9. Obstetrical operation (preoperative and postoperative care)
10. Nursing management during Puerperium
11. Assessment & management of emergency obstetric conditions
12. Neonatal nursing care
13. Ethics and Standards of Practice Issues

References

Ward, S., & Hisley, S. (2016). Maternal-child nursing care optimizing outcomes for mothers, children, & families. FA Davis. 2nd edition.

Durham Roberta F; Chapman Linda : Maternal- Newborn Nursing, The Critical Components of Nursing Care 3rd ed Philadelphia :FA Davis Company F. A. Davis Company 2014.

Leifer, G. (2019). Introduction to maternity and pediatric nursing. Saunders; 8th edition.

Ricci, S. (2020). Essentials of maternity, newborn, and women's health. Lippincott Williams & Wilkins. 4th edition.

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Associate Dean for Scientific affairs

Rapporteur of Postgraduate Studies



جامعة بابل

كلية التمريض

معاون العميد للشؤون العلمية

مقرر الدراسات العليا

Pillitteri, A. and Silbert-Flagg, J. (2018). Maternal & child health nursing: Care of the childbearing & childrearing family. Lippincott Williams & Wilkins. 8th edition
Louise C. Kenny, Fergus McCarthy (2024)- Obstetrics by Ten Teachers (CRC Press) -21st edition.



Topics for Pediatric Nursing included In Competitive Exam for Ph.D Candidates 2025-2026

❖ Course Title: Pediatric Nursing.

A. Principles of children's needs:

1. Immunization.
2. Nutritional needs throughout stages.
3. Play and playing throughout stages of growth & development.
4. Accidents, injuries and their prevention

B. High risk related to physiological disorders of the newborn and Birth injuries.

C. The child with health problems of cardio vascular problem:

1. Nursing care of children with congenital heart disease.
2. Nursing care of children with congestive heart failure.

C. Nursing Care of children with Renal disorders & congenital defects

D. Nursing Care of child with GIT Disorders

- Medical Problems
- Congenital defects

E. Nursing Care of children with Genetic disorders;

(PKU, G6PD deficiency, Cystic Fibrosis)

F. Nursing care of children with metabolic disorders.

References:

- Hockenberry, M.J., Wilson, D. (2022). Wong's Nursing care of infant and children 11th Edition. Mosby, St Louis.
- Pillitteri, Adele. Maternal and child health nursing : care of the childbearing and childrearing family/Adele Pillitteri.—8th ed. 2015.



Topics for Psychiatric and Mental Health Nursing included In Competitive Exam for Ph.D Candidates 2025-2026

- **Neurobiological Theories**
 - Anatomy and physiology of the Brain
 - Neurobiological Causes of Mental Illness
- **Psychopharmacology**
 - Antipsychotic Drugs
 - Antidepressant Drugs
 - Mood-Stabilizing Drugs
 - Antianxiety Drugs (Anxiolytics)
 - Stimulants
- **Anger, Hostility, and Aggression**
- **Abuse and Violence**
- **Nursing Practice for Psychiatric Disorders**
 - Anxiety and Anxiety Disorders
 - Schizophrenia
 - Mood and Suicide
 - Addiction
 - Eating Disorders
- **Disruptive Behavior Disorders**
 - Oppositional defiant disorder (ODD)
 - Intermittent explosive disorder (IED)
 - Conduct disorder
- **Neurodevelopmental Disorders**
 - Attention Deficit/Hyperactivity Disorder (ADHD)
 - Autism Spectrum Disorder

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- Gorman., L. M., & Anwar., R.F. (2014). Neeb's Fundamentals of Mental Health Nursing. FA Davis. 4TH EDITION.
- Videbeck, S., L. (2018). Psychiatric-mental health nursing. Lippincott Williams & Wilkins. 6th edition.
- Halter, M, J. Foundations of Psychiatric Mental Health Nursing A CLINICAL APPROACH VARCAROLIS'. 7TH EDITION.



Topics for Community Health Nursing included In Competitive Exam for Master Candidates 2025-2026

Unit 1: Introduction to Community Health Nursing

- Definition of Health, Nursing, Community, Community Health, Public Health, Community Health Nursing
- Community based, Population-focus Nursing, Mission of community health nursing
- Characteristic of community health nursing
- Component of community health
- Community health nursing standards
- Roles and function of community health nurse

Unit 2: Epidemiologic Process

- Basic Concept of epidemiology.
- The epidemiologic process.
- Epidemiologic investigating.
- Epidemiologic Models.

Unit 3: Primary Health Care:

- Definition, Principles, Element of PHC and Community health Nursing

Unit 4: School Health Care Nursing

- Definitions, School Health Program & its Components, Role of the Nurse in the School Health Setting

Unit 5: Maternal and Child Health Care Services

- Definition, Objectives, and Types of MCH services

Unit 6. Occupational Health Care Nursing

- Definitions, Objectives, Work health interaction, Role of the occupational health nurse

References:

- Cherie R., Mary Jo S. Community and Public Health Nursing, Promoting the Public's Health.
- TENTH EDITION. Copyright © 2022 Wolters Kluwer
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- Allender S , Spradley B , Community Health Nursing :Promoting and Protecting the Public Health , 6
- th ed., New York, Lippincott Williams & Wilkins, A Wolters Kluwer Company, 2009.
- Basa Vanthappa, B., Community Health Nursing. 1st ed., Bangalore, Jaypee Brothers
- Medical Publishers Company, 2012



Topics for Adult Health Nursing included In Competitive Exam for Master Candidates 2025-2026

1. Management of Patients with Cardiovascular, and Coronary Artery disease

A. Angina

B. Hypertension

2. Assessment and Management of Patients with hepatic and biliary disorder:

A. liver cirrhosis

B. Hepatitis

C. Cholelithiasis

3. Management of Patients With digestive Disorder:

A. Intestinal Obstruction

B. Ulcerative colitis

C. Pancreatitis.

4. Management of Patients with Neurological Diseases:

A. Epilepsy

B. Care of unconscious patients

C. GCS

5. Management of Patients with Eye, Nose, Throat Disease:

A. Cataract

B. Glaucoma

6. Basic Nursing

A. Medication and Fluid Calculation

B. Vital Signs



Reference:

1. Hinkle, J., Cheever, K., and Overbaugh, K. (2022): Brunner and Suddarths, Textbook of medical surgical nursing. 15th ed., Walters Kluwer, Lippincott Williams and Wilkins. china.
2. Berman, A., Snyder, S., Frandsen, G. (2022): Kozier and Erb's Fundamentals of Nursing. United Kingdom: Pearson.
3. Taylor, C., Lynn, P., & Bartlett, J. (2023): Fundamentals of nursing: The art and science of person-centered care. Lippincott Williams & Wilkins.
4. Forbes, H., & Watt, E. (2020): Jarvis's Health Assessment and Physical Examination-E-Book: Australian and New Zealand. Elsevier Health Sciences.



Topics for Maternal and Neonate Nursing included In Competitive Exam for Master Candidates 2025-2026

1. Anatomy & physiology of reproductive system (male& female). تشريح (ووظائف الأعضاء للجهاز التناسلي (الذكر والأنثى).
2. Menstrual Cycle. الدورة الشهرية.
3. Family planning (موانع الحمل) تنظيم الاسرة
4. Fertilization and Fetal development. (الاخصاب وتطور الجنين).
5. Physical and Physiologic Changes During Pregnancy. التغيرات الجسدية والفسيولوجية أثناء الحمل
6. Prenatal care رعاية ما قبل الولادة
7. Nursing care during complications of pregnancy. الرعاية التمريضية أثناء مضاعفات الحمل
8. Labor & delivery: (Normal & Complicated) المخاض والولادة الطبيعية او مضاعفات
9. Puerperium& Nursing Management during Puerperium النفاس والاعراض التمريضية أثناء النفاس
10. Assessment & management of emergency obstetric conditions. تقييم والاعراض للحالات التوليدية الطارئة.

References

- Pillitteri, A (2010). *Maternal and child health nursing*, (6th ed.). Philadelphia.
- : Maternal & child health nursing : care of the childbearing & childrearing family / Maternal & child health nursing : care of the childbearing &



childrearing family / JoAnne Silbert-Flagg. Eighth edition. | Philadelphia :
Wolters Kluwer, [2018] |,

- Gloria Leifer, 2015. Introduction to Maternity and Pediatric Nursing, Seventh Edition, Printed in the United States of America



Topics for Pediatric Nursing included In Competitive Exam for Master Candidates 2025-2026

❖ Course Title: Pediatric Nursing

➤ Nursing care for the newborn baby.

1. Nursing care for the newborn baby
2. Health problems of the newborn baby.
3. Nursing care of newborn baby with common problems
4. High risk related to prematurely & post maturity.

➤ The child with urological problems

1. Nephritis and Nephritic syndrome.
2. Urinary tract infection.

➤ The child with health problems interferes with respiration and transfer of oxygen, the nursing care of:

1. Bronchitis.
2. Pneumonia.
3. Tonsillitis
4. Otitis Media
5. Cold.

➤ The child with gastroenteritis:

1. Diarrhea.
2. Dehydration.
3. Vomiting.
4. Fluid and electrolytes disturbance

➤ The child with health problems related to the blood and its production the nursing care of:

1. Hemophilia.
3. Thalassemia.

4. Sickle-cell anemia



References:

- Hockenberry, M.J., Wilson, D. (2022). Wong's Nursing care of infant and children 11th Edition. Mosby, St Louis.
- Pillitteri, Adele. Maternal and child health nursing : care of the childbearing and childrearing family/Adele Pillitteri.—8th ed. 2015.



Topics for Psychiatric and Mental Health Nursing included In Competitive Exam for Master Candidates 2025-2026

- **Foundations of Psychiatric–Mental Health Nursing**
 - Mental health and mental illness
 - Legal and Ethical Issues
- **Psychosocial Theories**
 - Psychoanalytic
 - Developmental
 - Interpersonal
 - Humanistic
 - Behavioral
- **Nurse–Client Relationship**
 - Therapeutic Relationships
 - Establishing The Therapeutic Relationship
- **Grief and Loss**
- **Trauma and Stressor-Related Disorders**
 - Posttraumatic stress disorder (PTSD)
 - Adjustment disorder
 - Dissociative disorders
- **Schizophrenia**
 - Positive and Negative Symptoms of Schizophrenia
 - Etiology of schizophrenia
- **Personality Disorders**
- **Cognitive Disorders**

References:

- Sheila L. Videbeck, S., L. (2022). Psychiatric-mental health nursing. Lippincott Williams & Wilkins. 8th edition.

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- Halter, M, J. Foundations of Psychiatric Mental Health Nursing A CLINICAL APPROACH VARCHAROLIS'. 7TH EDITION.