



((استثمار الطاقة النظيفة طريقنا نحو التنمية المستدامة))

The Competitive Curriculum for Postgraduate Studies (Master in Nursing Program for the Academic year 2025-2026)

مفردات الامتحان التنافسي للماجستير للعام الدراسي 2025- 2026

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

➤ **Cardiovascular and Circulatory function**

- Assessment of Cardiovascular Function
- Management of patients with dysrhythmias and conduction problems
- Management of patients with coronary vascular disorders
- Management of patient with complication from heart disease
- Assessment and management of patients with hypertension

Gas Exchange and Respiratory dysfunction

- *Assessment of respiratory function*
- *Management of Patients with upper respiratory tract disorders*
- *Management of Patients with chest and lower respiratory tract disorders*
- *Management of Patients with Chronic pulmonary disease*
- *Respiratory Care Modalities*
- *ABGs Interpretations*

Hematologic system function

- *Assessment of hematologic function and treatment modalities*
- *Management of patient with nonmalignant hematologic disorder*
- *Management of patient with hematologic neoplasms*

Digestive and gastrointestinal function



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Nursing management for patient with Metabolic and Endocrine Dysfunction

- Nursing management of patients with hepatic and biliary disorders
- Nursing management of patients with thyroid problems & diseases
- Nursing management of patients with parathyroid glands disorders
- Nursing management of patients with the adrenal gland's disorders
- Assessment and nursing management of patients with diabetes mellitus

Nursing management for patient with Urinary Tract dysfunction

- Assessment of renal and urinary tract function
- Nursing management of urinary disorders
- Nursing management of patients with renal disorders
- Nursing management of patient renal replacement therapy

Nursing management for patient with Musculoskeletal dysfunction

- Assessment of Musculoskeletal Function
- Musculoskeletal Care Modalities
- Management of patients with musculoskeletal disorders
- Assessment and Management of Patients with Rheumatic Disorders

Reference:

- Hinkle .J., Cheever, K. (2018). Brunner and Suddarth's Textbook of Medical-Surgical Nursing. 14 th Edition. Wolters Kluwer , Lippincott co.
- Williams, L. S., & Hopper, P. D. (2015). Understanding Medical Surgical nursing. F.A. Davis.
- Perrin, K. O., & MacLeod, C. E. (2018). Understanding the essentials of critical care nursing. Pearson



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

- Child health and immunization
 - Nursing care of the newborn baby.
 1. Nursing care of 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.
 5. Hyperbilirubinemia & RDS
 - The child with urological problems
 6. Nephritis and Nephritic syndrome.
 2. Urinary tract infection.
 - The child with health problems interferes with respiration and transfer of oxygen, and nursing management.
 - The child with Gastrointestinal defunction ,and nursing management
 - The child with health problems related to the blood and its production the nursing care .
 - The child with health problems related to the Endocrine Dysfunction
 - 1.Diabetes Miletus
 2. Hypothyroidism & Hyperthyroidism
 - 3.Phenylketonuria disease (PKU)
 - The child with health problems related to the Neurological Dysfunction
 - 1.Hydrocephalus
 - 2.Spina bifida
 - 3.Meningitis
- Theoretic Foundation of Child Development (Freud ,Erickson, Piaget Theories

References:



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- Hockenberry, M.J., Wilson, D. (2015). Wong's Nursing care of infant and children 10th Edition. Mosby, St Louis.
- Marilyn Hockenberry. Cheryl Rodgers, David Wilson (2016). Wong's Essentials of Pediatric Nursing, 10th ed.
- Karen Marcdante, Robert Kliegman (2018). Nelson Essential of Pediatrics 8th ed

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

1. Anatomy of female of Reproductive system and Sexual Health
2. Embryology
3. Psychological and Physiologic Changes of Pregnancy and complications .
4. Postpartum period (Psychological and Physiologic Changes) and complications.
5. Neonatal care .
6. Nursing Care of Family During Labor and Birth.
7. Family planning method .
8. Gynecology disorder and nursing care .
9. The nursing role about infertility .

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COLLEGE OF NURSING
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كلية التمريض

