

**MASTER OF SCIENCE (NURSING) (2008 COURSE)**  
**MEDICAL SURGICAL NURSING**  
**Second Year M.Sc. Nursing :SUMMER : 2023**  
**SUBJECT : CLINICAL SPECIALITY- II MEDICAL SURGICAL NURSING**

Day : Wednesday

Time : 10:00 AM-01:00 PM

Date : 5/7/2023

**S-3649-2023**

Max. Marks : 75

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**N.B :**

- 1) All questions are **COMPULSORY**.
  - 2) Figures to the right indicate **FULL** marks.
  - 3) Answers to both sections should be written in **SAME** answer books.
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**SECTION - I**

**Q.1** Elaborate on **ANY TWO** of the following :

- a)
  - i) Explain Bronchial Hygiene (03)
  - ii) Pre-operating Management of Thoracic surgery. (04)
  - iii) Describe nurses responsibility in Thora Cosentthesis (04)
- b)
  - i) Describe causes and clinical Manifestation of Intestinal Obstructive (03)
  - ii) Explain Pre and Post-operative Management in intestinal Obstructive. (04)
  - iii) Write down nursing care plan in intestinal Obstructive. (04)
- c)
  - i) Explain classification of Burn. (03)
  - ii) Explain methods of calculation of Burn with examples. (04)
  - iii) Write down reconstructive surgeries and Rehabilitation of Burn Patient. (04)

**Q.2** Write short notes on **ANY FOUR** of the following: (16)

- a) Unconsciousness
- b) Brain Death
- c) Nursing Audit
- d) Eclampsia
- e) Cyanotic Heart Disease
- f) Principles of Critical Care Nursing

**SECTION - II**

**Q.3** Elaborate on **ANY TWO** of the following :

- a)
  - i) Define Myasthenia Gravis. (02)
  - ii) Explain the clinical Manifestation of Myasthenia Gravis. (04)
  - iii) Write the medical management of the patient with Myasthenia Gravis. (05)
- b)
  - i) Define Chronic Obstructive Pulmonary disease. (02)
  - ii) Write the pathophysiology of Chronic Obstructive Pulmonary Disease. (04)
  - iii) Write the nursing management of the patient with Chronic Obstructive Pulmonary disease. (05)
- c)
  - i) Define Acute Myocardial Infraction. (02)
  - ii) Explain the pathophysiology of Acute Myocardial Infarction. (04)
  - iii) Write the nursing management of the patient with acute myocardial infraction. (05)

**Q.4** Write short notes on **ANY THREE** of the following: (15)

- a) Cardio Pulmonary Resuscitation
- b) Acute Renal Failure
- c) Thyroid Crisis
- d) Hypertensive Crisis
- e) PTCA
- f) Asthma

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**S. Y. M. Sc. (NURSING) (2008 COURSE): SUMMER – 2022**  
**SUBJECT : CLINICAL SPECIALITY – II : MEDICAL SURGICAL NURSING**  
**(ONCOLOGY NURSING)**

Day : *Wednesday*  
Date : *27.04.2022*     *S-3649-2022*

Time : *10:00AM-TO 1:00 PM.*  
Max. Marks : 75

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.

**SECTION – I**

- Q.1** Elaborate on **ANY TWO** of the following questions:
- A) i) Explain Allogenic Transplantation. [03]  
ii) Explain the preparation of patient for hematopoietic cell transplantation. [04]  
iii) What is Graft versus host disease? Write the nursing management for GVHD. [04]
- B) Mr. Soham a 65 year old male presented with hoarseness of voice dysphagia and dyspnea. He is diagnosed as a case of carcinoma larynx.  
i) Explain various treatment modalities to manage Soham. [04]  
ii) Describe Rehabilitation for speech in this patient. [04]  
iii) Explain factors contributing to metastasis. [03]
- C) i) Classification of chemotherapy drugs. [04]  
ii) How will you maximize the Quality of life of cancer patient? [04]  
iii) Describe the levels of prevention of cancer. [03]
- Q.2** Write short notes on **ANY FOUR** of the following: [16]
- a) Colostomy care
  - b) Preparation of patient for bone marrow transplant
  - c) Breaking bad news
  - d) Fungating wounds
  - e) Wilms tumor
  - f) Biologic and targeted therapy

**SECTION – II**

- Q.3** Elaborate on **ANY TWO** of the following questions:
- A) i) Define cancer and explain TNM classification. [03]  
ii) Enlist the signs and symptoms of cancer stomach with its pathophysiology. [04]  
iii) Describe the preparation for surgery for the patient with nursing process and application of suitable Nursing Theory. [04]
- B) i) Define Leukemia, enlist the causes and early signs of Leukemia. [04]  
ii) Write a note on Teletherapy. [03]  
iii) Write the medical management of patients with Leukemia. [04]
- C) i) Enlist the causes and risk factors for Breast Cancer. [04]  
ii) Write a note on Kaposi Sarcoma. [03]  
iii) Write the psychological aspects to be handled by the nurses for patients with breast cancer. [04]
- Q.4** Write short notes on **ANY THREE** of the following: [15]
- a) Standard safety precautions
  - b) Pathologic fracture in Cancer
  - c) End of Life Care
  - d) Impact of Cancer on sexuality in cancer patient
  - e) Patient control Analgesia (PCA)

**MASTER OF SCIENCE (NURSING) (2008 COURSE)**  
**Second Year M.Sc. Nursing : SUMMER : 2022**  
**SUBJECT: CLINICAL SPECIALITY- II MEDICAL SURGICAL NURSING**  
**(Critical Care)**

Day : Wednesday  
Date 27-Apr-2022

S-3649-2022

Time : 10:00 AM-01:00 PM  
Max. Marks: 75

**N.B :**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both sections should be written in **SAME** answer books.

**SECTION - I**

**Q.1** Elaborate on **ANY TWO** of the following :

- a)
  - i) Describe causes and sign symptoms of pancreatitis. (03)
  - ii) Explain the pathophysiology of pancreatitis. (04)
  - iii) Explain medical and nursing management of pancreatitis. (04)
- b)
  - i) Discuss the immediate management of patient with chest pain. (03)
  - ii) Explain the pathophysiology of myocardial infarction. (04)
  - iii) Elaborate on thrombolytic therapy. (04)
- c)
  - i) Describe causes and clinical manifestation of Acute respiratory distress syndrome. (03)
  - ii) Explain stages of acute respiratory distress syndrome. (04)
  - iii) Explain medical and nursing management in acute respiratory distress syndrome. (04)

**Q.2** Write short notes on **ANY FOUR** of the following: (16)

- a) Theories of pain
- b) Digoxine
- c) Thyroid crisis
- d) Management of CSOM
- e) Neonatal emergencies
- f) Antepartum haemorrhage

**SECTION - II**

**Q.3** Elaborate on **ANY TWO** of the following :

- a)
  - i) Define Seizure. (02)
  - ii) Explain the types of Seizure. (04)
  - iii) Write the nursing management of the patient with Seizure. (05)
- b)
  - i) Define Diabetic Ketoacidosis. (02)
  - ii) Write the pathophysiology of Diabetic Ketoacidosis. (04)
  - iii) Write the nursing management of the patient with Diabetic Ketoacidosis. (05)
- c)
  - i) Define shock syndrome. (02)
  - ii) Explain the pathophysiology of Cardiogenic shock. (04)
  - iii) Write the nursing management of the patient with Shock. (05)

**Q.4** Write short notes on **ANY THREE** of the following: (15)

- a) Scope of critical care nursing
- b) Burnout syndrome
- c) Drug reaction and toxicity
- d) Peritoneal dialysis
- e) Coronary artery bypass grafts
- f) Atelectasis

**S. Y. M. Sc. (Nursing) (2008 COURSE) : SUMMER - 2021**  
**SUBJECT : CLINICAL SPECIALITY – II : MEDICAL SURGICAL NURSING**  
**ONCOLOGY NURSING**

Day : Monday

Date : 17-05-2021 S-2021-3649

Time : 10:00 AM TO 1:00 P.M.

Max. Marks : 75

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer books.

**SECTION – I**

**Q.1** Answer **ANY TWO** of the following:

- A)**
- i) Discuss the etiology and risk factors of cancer larynx. [02]
  - ii) Explain the nursing management of a patient who had undergone Total laryngectomy. [04]
  - iii) Plan for rehabilitation of the patient after Total laryngectomy. [05]
- B)**
- i) Difference between Hodgkin's and Non-Hodgkin's lymphoma [03]
  - ii) Chemotherapy regimen to treat Hodgkin's lymphoma [04]
  - iii) Nursing management for this patient. [04]
- C)**
- i) State the classification of tumor. [04]
  - ii) Explain indication for FNAC and nurses role in FNAC (fine needle aspiration cytology) [05]
  - iii) Explain the various measures and strategies for early diagnosis of cancer. [02]

**Q.2** Write short notes on **ANY FOUR** of the following: [16]

- a) Define palliative care and describe different models of delivery of palliative care.
- b) Steps in breaking bad news
- c) Doctrine of double effect
- d) Concept of spirituality and religiosity
- e) Managing asthenia, cachexia, and anorexia.
- f) Drugs and doses in WHO Analgesic ladder

**SECTION – II**

**Q.3** Write short notes on **ANY THREE** of the following: [15]

- a) Principles of cancer management
- b) Etiology of cancer
- c) Tumor lysis syndrome
- d) Brachytherapy.
- e) Immunotherapy for cancer patients
- f) Legal and ethical issues in bone marrow transplantation.

**Q.4** Answer **ANY TWO** of the following:

- A)**
- i) Define pain and enumerate its types. [02]
  - ii) Discuss in detail about theories of pain. [04]
  - iii) Explain the non-pharmacological management of pain. [05]
- B)**
- i) Define chemotherapy [02]
  - ii) Discuss the principles and classification of chemotherapeutic drugs. [04]
  - iii) Explain the role of nurse during administration of chemotherapy. [05]
- C)**
- i) Define lung cancer [02]
  - ii) Enlist the etiological factors and pathophysiology of lung cancer. [04]
  - iii) Discuss the surgical and nursing management of patient with lung cancer. [05]

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**S. Y. M. Sc. (Nursing) (2008 COURSE): SUMMER 2021**  
**SUBJECT : CLINICAL SPECIALITY – II: MEDICAL SURGICAL NURSING –**  
**CRITICAL CARE NURSING**

Day : Monday  
Date : 17-05-2021

Time : 10:00AM TO 1:00 PM,  
Max. Marks : 75

S-2021-3649

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Illustrate with suitable figures and example if necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer books.

**SECTION – I**

- Q.1** Elaborate on **ANY TWO** of the following:
- A)** 3 year old child is admitted with pneumonia in PICU.
- i)** What is the immediate management of this child? [04]
  - ii)** Discuss about oxygen therapy in child. [04]
  - iii)** Write down the health education you will give to the mother. [03]
- B)**
- i)** Management of patient with pelvic fracture. [04]
  - ii)** Sign and symptoms of Anaphylactic shock. [04]
  - iii)** Discuss mechanism of injury. [03]
- C)** 60 year old man admitted in ICU with second degree Heart block.
- i)** Discuss the immediate management of the patient with Heart block. [04]
  - ii)** Elaborate on procedure of Temporary cardiac pacing. [03]
  - iii)** Discuss the nursing management of patient with second degree Heart block. [04]
- Q.2** Write short notes on **ANY FOUR** of the following: [16]
- a)** Difference between Haemothorax and Pneumothorax
  - b)** Grafts and flaps
  - c)** Ruptured uterus
  - d)** Retinal detachment
  - e)** Organ donation and counseling
  - f)** Nursing audit

**SECTION – II**

- Q.3** Attempt **ANY TWO** of the following:
- A)**
- i)** What are the causes of gastrointestinal bleeding? [03]
  - ii)** Explain the treatment modalities in GI bleeding. [04]
  - iii)** Write the nursing care plan for client with bleeding gastric ulcer. [04]
- B)**
- i)** Define pain and enumerate its types. [04]
  - ii)** Discuss in detail about theories of pain. [04]
  - iii)** Explain the non-pharmacological management of pain. [03]
- C)**
- i)** Define cerebrovascular accident (CVA). List down the clinical manifestation of CVA. [04]
  - ii)** Enumerate the diagnostic test for CVA. [03]
  - iii)** Explain the nursing management of client with CVA. [04]
- Q.4** Write short answer questions on **ANY THREE** of the following: [15]
- a)** Principles of critical care nursing.
  - b)** Infection control in critical care unit.
  - c)** Diabetic ketoacidosis.
  - d)** Inotrops.
  - e)** Therapeutic touch in critical care unit.
  - f)** Continuous Ambulatory Peritoneal Dialysis (CAPD)

**S. Y. M. Sc. (Nursing) (2008 COURSE): SUMMER – 2020**  
**SUBJECT : CLINICAL SPECIALITY – II: MEDICAL SURGICAL NURSING –**  
**CRITICAL CARE NURSING**

Day : **Monday**  
Date : **21-09-2020**

Time : **10:00AM TO 1:00PM.**  
Max. Marks : **75**

**S-2020-3649**

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Illustrate with suitable figures and example if necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer books.

**SECTION – I**

- Q.1** Elaborate on **ANY TWO** of the following:
- A) i) Explain the classification of Burns. [03]  
ii) Explain fluid management in Burns. [04]  
iii) Write in detail nursing management for the burn patient. [04]
- B) 40 years old man is brought to ICU with chest pain.  
i) Discuss the immediate management of patient with chest pain. [03]  
ii) Explain the pathophysiology of myocardial infarction. [04]  
iii) Elaborate on Thrombolytic Therapy. [04]
- C) i) Explain about Bronchial Hygiene. [04]  
ii) Preparation of patient for thoracic surgery. [04]  
iii) Explain how you will assist in the procedure of chest tube insertion. [03]
- Q.2** Write short notes on **ANY FOUR** of the following: [16]
- a) Management of Foreign body in eye
  - b) Post-partum hemorrhage
  - c) Design of ICU
  - d) Brain death
  - e) Multiple organ dysfunction syndrome
  - f) Total parenteral nutrition

**SECTION – II**

- Q.3** Attempt **ANY TWO** of the following:
- A) i) List down the classification of spinal cord injury. [03]  
ii) Explain the clinical manifestation of client with cervical injury. [04]  
iii) Write the nursing care plan of client with cervical injury. [04]
- B) i) Define acute renal failure (ARF) and phases of ARF. [04]  
ii) Discuss in detail about types of dialysis. [03]  
iii) Write the nursing care of client with haemodialysis. [04]
- C) i) What are the causes of gastrointestinal bleeding? [03]  
ii) Explain the treatment modalities in GI bleeding. [04]  
iii) Write the nursing care plan for client with bleeding gastric ulcer. [04]
- Q.4** Write short answer questions on **ANY THREE** of the following: [15]
- a) Positive End Expiratory Pressure (PEEP).
  - b) Critical care psychosis.
  - c) Antibiotics.
  - d) Theories of pain.
  - e) Ventilator Associated Pneumonia (VAP).
  - f) Myxedema.

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S.Y.M.Sc(Nursing) 2008 Course : Summer, 2018  
SUBJECT : CLINICAL SPECIALITY – II MEDICAL SURGICAL NURSING  
(Medical Surgical Nursing)

Day : Monday  
Date : 23.04.2018

Time : 10:00 A.M. To 1:00 P.M.  
Max. Marks : 75

S.2018-3883

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Illustrate with suitable figures and examples if **NECESSARY**.
- 4) Answer to both the sections should be written in **SEPARATE** answer books.

**SECTION – I**

- Q.1** Mr. Xavier is admitted to the ICU in Coma. [03]
- a) Discuss the causes of unconsciousness. [04]
  - b) Explain the nursing assessment of Mr. X. [06]
  - c) Elaborate the nursing management of Mr. X.
- Q.2** a) Elaborate on infection surveillance and prevention in the critical care unit. [06]
- b) Discuss the principle to be followed in designing the ICU. [07]
- Q.3** Write short notes on **ANY THREE** of the following: [12]
- a) Management of Perforative Peritonitis
  - b) Principles of drug administration in ICU
  - c) Pain management
  - d) Renal transplantation – Donor preparation

**SECTION – II**

- Q.4** 25 year old lady is admitted with primary infertility. [02]
- a) What investigations you would like to do? [04]
  - b) How will you counsel this couple? [06]
  - c) Write down the legal and ethical issues in adopting a child.
- Q.5** 40 year old man is admitted with Sciatica pain is put on traction. [03]
- a) Discuss about types of pain and its classification. [04]
  - b) Assessment of pain and Gate's theory of pain. [06]
  - c) Discuss management of patient on traction.
- Q.6** Write short notes on **ANY THREE** of the following: [12]
- a) Write down the ethical principles
  - b) Nursing audit
  - c) Neonatal emergencies
  - d) Holistic care

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**S.Y. M. Sc. (Nursing) (2008 Course) : SUMMER - 2019**  
**SUBJECT : CLINICAL SPECIALITY – II: MEDICAL SURGICAL NURSING**

Day : Monday  
Date : 22/04/2019

**S-2019-4350**

Time: 10.00 A.M. TO 01.00 P.M.  
Max. Marks: 75

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Answers to both the sections should be written in **SEPARATE** answer books.

**SECTION – I**

- Q.1** Write short notes on **ANY FOUR** of the following: **[16]**
- a) Pathophysiology of pain
  - b) Principles of Critical Care Nursing
  - c) Diuretics
  - d) MRSA
  - e) Complications of blood transfusion
  - f) Standard safety measures in Critical Care Unit
- Q.2** Write **ANY TWO** of the following:
- a) Mohan 40 years, reported to emergency department with GI bleeding.
    - i) Enumerate causes of GI bleeding. **[03]**
    - ii) Identify risk factors for GI bleeding and diagnostic findings. **[04]**
    - iii) Recognize importance of fluid electrolyte replacement in acute pancreatitis. **[04]**
  - b) Mr. X, brought to hospital with the history of no urinary output since one day and diagnosed as Acute Kidney Injury.
    - i) Define Acute Kidney Injury and discuss diagnostic approach to the patient with Acute Kidney Injury. **[03]**
    - ii) Describe pathophysiology of Acute Renal Failure **[04]**
    - iii) Describe post-operative care of patient during first 48 hours of renal transplantation. **[04]**
  - c) You are responsible to take care of a patient with cerebro vascular accident / stroke.
    - i) Define stroke and enlist etiology of stroke. **[03]**
    - ii) Discuss pathophysiology of stroke. **[04]**
    - iii) Discuss management of patient with stroke. **[04]**

**P.T.O.**



**SECTION – II**

**Q.3** Write short notes on **ANY THREE** of the following: **[15]**

- a) Nursing management of patient with tracheostomy
- b) Hypovolemic shock
- c) Thyroid crisis
- d) Emergency management of Myocardial Infarction
- e) Arterial Blood Gas Analysis
- f) Management of CSOM

**Q.4** Write **ANY TWO** of the following:

- a)
  - i) Discuss fluid management for a patient with burns. **[04]**
  - ii) Explain the pathophysiology of burns. **[04]**
  - iii) Enumerate complications of burns. **[03]**
  
- b)
  - i) Classify fractures. **[03]**
  - ii) Explain the emergency management of an open fracture neck of femur. **[04]**
  - ii) Develop a nursing care plan for first 24 hours following hip replacement. **[04]**
  
- c)
  - i) Explain the pathophysiological basis of clinical manifestations of Diabetic Ketoacidosis. **[04]**
  - ii) Explain the nursing management of a patient with Diabetic Ketoacidosis – three priority diagnosis. **[04]**
  - iii) What health education will you give a patient regarding self-care for diabetes? **[03]**

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**S. Y. M. Sc. (Nursing) (2008 COURSE) : SUMMER – 2020**  
**SUBJECT : CLINICAL SPECIALITY – II : MEDICAL SURGICAL NURSING**  
**ONCOLOGY NURSING**

Day : Monday  
Date : 21.09.2020. S 2020-3649  
Time : 10.00 A.M. To 1.00 P.M.  
Max. Marks : 75

**N.B.:**

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat and labeled diagram **WHEREVER** necessary.
- 4) Answers to both the sections should be written in **SEPARATE** answer books.

**SECTION – I**

- Q.1** Answer **ANY TWO** of the following:
- A)** A 53 year old female newly diagnosed with multiple myeloma.
- i) How will you do the psychosocial assessment of this patient? [03]
  - ii) Brief about stress management techniques. [04]
  - iii) Guidelines for maximizing quality of life of this patient and family. [04]
- B)**
- i) What are the common concerns in pediatric oncology? [03]
  - ii) What are non- pharmacological interventions for management of breathlessness? [04]
  - iii) Enumerate drugs commonly used for palliation of breathlessness. [04]
- C)**
- i) What are four principles of ethics briefly describe them and explain doctrine of double effect. [04]
  - ii) Explain five complications of fungating wounds. What is the management of catastrophic bleeding? [05]
  - iii) Explain concept of "Total Pain" [02]
- Q.2** Write short notes on **ANY FOUR** of the following: [16]
- a) Types of palliative care
  - b) Steps in breaking bad news
  - c) Euthanasia versus limiting futile treatment
  - d) Management of respiratory symptoms
  - e) Pathophysiology and pathways of pain
  - f) Commonly used malnutrition assessment tools.

**SECTION – II**

- Q.3** Write short notes on **ANY THREE** of the following: [15]
- a) Role and responsibilities of oncology nurse.
  - b) Mammography
  - c) Self-examination
  - d) Biology of the cancer cell.
  - e) Theories of pain
  - f) Complications of breast surgery.
- Q.4** Answer **ANY TWO** of the following:
- A)**
- i) Define radiation therapy and types of ionizing ray. [02]
  - ii) Differentiate between brachytherapy and teletherapy [04]
  - iii) Explain the role of nurse during radiation therapy. [05]
- B)**
- i) Define leukemia. [02]
  - ii) Explain the diagnostic test and medical management of leukemia. [04]
  - iii) Prepare a nursing care plan for a client posted for bone marrow transplantation. [05]
- C)**
- i) Define cancer of pancreas. [02]
  - ii) Discuss the TNM classification of cancer of pancreas. [04]
  - iii) Explain the nursing process for a client with cancer pancreas. [05]
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