

MARCH 2010

[KW 428]

Sub. Code: 2334

M.Sc (Nursing) DEGREE EXAMINATION

Second Year

(Regulations for candidates admitted from 2008-2009 Session onwards)

Paper III – CLINICAL SPECIALITY II

BRANCH I - MEDICAL SURGICAL NURSING

03 – ONCOLOGY NURSING

Q.P. Code : 302334

Time : Three hours

Maximum : 75 marks

Answer All questions.

I. Essays:

(2 x 20=40)

1. a) Discuss the various sources of cancer pain and its collaborative management. **(10)**
b) Develop nursing care plan for a patient subjected to abdomino perineal resection with permanent colostomy. **(10)**
2. a) Identify five nursing diagnosis for a patient with acute leukemia and write the appropriate nursing intervention. **(10)**
b) Outline the design of an oncology unit. **(10)**

II. Write Short Notes on :

(7 x 5 = 35)

1. Factors associated with cancer causation.
2. Characteristics of cancer cells.
3. Prevention and control of cancer.
4. Psychosocial aspects of cancer care.
5. Nursing care of patient receiving chemotherapy.
6. Nursing care of patient undergoing bone marrow transplantation.
7. Role of nurse in oncologic emergencies.

MAY 2011

[KY 428]

Sub. Code: 2334

M.Sc (Nursing) DEGREE EXAMINATION

Second Year

(Regulations for candidates admitted from 2008-2009 Session onwards)

Paper III – CLINICAL SPECIALITY II

BRANCH I - MEDICAL SURGICAL NURSING

03 – ONCOLOGY NURSING

Q.P. Code : 302334

Time : Three hours

Maximum : 100 marks

Answer All questions.

I. Essays:

(2 x 20 = 40)

1. a) Discuss the Non-Pharmacological pain relief techniques.
b) Develop nursing care plan for a patient who had undergone bone marrow transplantation.
2. a) Draw nursing care plan for a patient with brain tumor who is on radiation therapy.
b) Describe nurses role in management of cancer pain.

II. Write Short Notes on :

(10 x 6 = 60)

1. Immunotherapy.
2. Causation of cancer.
3. TNM classification.
4. Types of radiation therapy.
5. Breast self examination.
6. Types and indication of Bone marrow transplantation.
7. Crisis intervention.
8. Gene therapy.
9. Classification of chemotherapeutic agents.
10. Hospice care.

[LA 428]

APRIL 2012

Sub. Code: 2334

M.Sc (Nursing) DEGREE EXAMINATION

SECOND YEAR

(Regulations for candidates admitted from 2008-2009 Session onwards)

PAPER III – CLINICAL SPECIALITY II

BRANCH I - MEDICAL SURGICAL NURSING

03 – ONCOLOGY NURSING

Q.P. Code : 302334

Time : 3 hours
(180 Min)

Maximum : 100 marks

Answer ALL questions in the same order.

I. Elaborate on :

Pages Time Marks
(Max.) (Max.) (Max.)

- | | | | |
|---|----|----|----|
| 1. Mrs. Roberta a 40 years old lady admitted with indigestion, elevated level of Carcino Embryonic Antigen (CEA). | | | |
| a) Define Ca stomach with its etiology, | 17 | 40 | 20 |
| pathophysiology, clinical manifestations and diagnostic findings. | | | |
| b) Describe therapeutic management and develop nursing care plan with appropriate therapy. | | | |
| 2. a) Differentiate among acute pain, chronic pain and cancer pain with its pathophysiology and management. | 17 | 40 | 20 |
| b) Classify Cancer. | | | |

II. Write notes on :

- | | | | |
|---|---|----|---|
| 1. Principles and classification of chemotherapy. | 4 | 10 | 6 |
| 2. Gene therapy- Current concepts and practice. | 4 | 10 | 6 |
| 3. Role of nurse in palliative care. | 4 | 10 | 6 |
| 4. Quality assurance program in oncology unit. | 4 | 10 | 6 |
| 5. Care of patient with tracheostomy. | 4 | 10 | 6 |
| 6. Malignant neoplasms of oesophagus. | 4 | 10 | 6 |
| 7. International classification of clinical stages of Carcinoma Cervix. | 4 | 10 | 6 |
| 8. Psychosocial effects of cancer on patient and family. | 4 | 10 | 6 |
| 9. Biologic response modifier. | 4 | 10 | 6 |
| 10. Leukemia. | 4 | 10 | 6 |

[LB 428]

OCTOBER 2012

Sub. Code: 2334

**Second Year M.Sc - NURSING EXAM
PAPER III – CLINICAL SPECIALITY II
BRANCH I - MEDICAL SURGICAL NURSING
03 – ONCOLOGY NURSING
Q.P. Code : 302334**

**Time : 3 hours
(180 Min)**

Maximum : 100 marks

Answer ALL questions in the same order

I. Elaborate on :

	Pages (Max.)	Time (Max.)	Marks (Max.)
1. a) List down the cancer emergencies and explain any two in brief.	17	40	20
b) Explain the role of nurse in management of oncologic emergencies.			
2. Mrs. Chandra is a 38 years old female admitted with history of a mass in right breast.	17	40	20
a) Define breast cancer and enumerate its etiological and risk factors.			
b) Explain pathophysiology, complications and therapeutic management with appropriate nursing therapy.			

II. Write notes on:

1. Warning signs of cancer.	4	10	6
2. Tumor markers.	4	10	6
3. Complication of chemotherapy.	4	10	6
4. Care of nurses who care for the dying.	4	10	6
5. Nursing management of cancer patients experiencing sexual dysfunction.	4	10	6
6. Risk factors for Carcinoma larynx and its management.	4	10	6
7. Benign Prostatic Hyperplasia or Hypertrophy.	4	10	6
8. Recognize the role of Oncology Nurse Practitioner.	4	10	6
9. Complications resulting from cancer.	4	10	6
10. TNM Classification.	4	10	6

[LC 428]

APRIL 2013

Sub. Code: 2334

Second Year - M.Sc (Nursing) DEGREE EXAMINATION

PAPER II – CLINICAL SPECIALITY II

BRANCH – I MEDICAL SURGICAL NURSING

03 – ONCOLOGY NURSING

Q.P. Code : 302334

Time : 3 hours

Maximum : 100 marks

I. Elaborate on:

(2x20=40)

1. a) Discuss the causes and risk factors of oral cancer.
b) Nutritional support for a patient with dysphagia.
c) Nursing care of a patient post hemiglossectomy.
2. a) Discuss the etiology and risk factors leading to Cancer Breast
b) Discuss the collaborative care of a 45 year old woman undergoing modified radical mastectomy.
c) Prepare a program for Post mastectomy exercise.

II. Write notes on :

(10X6=60)

1. Principles of cancer pain control
2. TNM Classification.
3. Colostomy care
4. Non- Hodgkin's lymphoma
5. Ewing's sarcoma
6. Palliative care
7. Brachytherapy
8. Complications after total thyroidectomy
9. Regional Cancer centers
10. PAP Smear

[LD 428]

OCTOBER 2013

Sub. Code: 2334

M.Sc., (NURSING) DEGREE EXAMINATION
SECOND YEAR
PAPER II – CLINICAL SPECIALITY II
BRANCH – I MEDICAL SURGICAL NURSING
03 – ONCOLOGY NURSING
Q.P. Code: 302334

Time: Three Hours

Maximum: 100 marks

Answer ALL questions in the same order.

I. Elaborate on:

(2 x 20 = 40)

1. a) Prepare a layout for an oncology institution including OPD, ward, chemotherapy unit, BMT unit and a pain clinic
- b) Roles and responsibilities of oncology nurse
2. a) Define lung cancer.
- b) List out the causes and risk factors of lung cancer.
- c) Explain the pathophysiology of lung cancer.
- d) Discuss the collaborative management of patient with lung cancer.

II. Write Notes on:

(10 x 6 = 60)

1. Assessment of chronic pain
2. Mammography
3. Brachytherapy
4. Erythroplakia
5. Rehabilitation of a patient with cancer
6. Alternative therapies for a patient with cancer
7. Care of surgical flaps
8. Genetic counselling
9. Trends and issues in oncology nursing
10. End of life care

[LE 428]

APRIL 2014

Sub. Code: 2334

**M.Sc (Nursing) DEGREE EXAMINATION - SECOND YEAR
PAPER II – CLINICAL SPECIALITY II
BRANCH – I MEDICAL SURGICAL NURSING
03 – ONCOLOGY NURSING**

Q.P. Code : 302334

Time : 3 hours

Maximum : 75 marks

Answer ALL questions in the same order.

I. Elaborate on:

(2X20=40)

1. Define cancer emergency. List the cancer emergencies & explain the pathophysiology & collaborative management of a patient with disseminated intra-vascular coagulation (DIC)
2. a) Define bone marrow transplantation
b) List out the types of transplantation
c) Explain the standards for transplantation
d) Discuss the outcomes of the transplantation

II. Write notes on:

(7X5=35)

1. Recent developments in cancer unit
2. Warning signs of cancer
3. Pain threshold
4. Safety precautions in chemotherapy
5. Kaposi's sarcoma
6. Wilm's tumor
7. Sexual counselling

[LF 428]

OCTOBER 2014

Sub. Code: 2334

M.Sc., (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)
SECOND YEAR
PAPER II – CLINICAL SPECIALITY II
BRANCH – I MEDICAL SURGICAL NURSING
03 – ONCOLOGY NURSING

Q.P. Code : 302334

Time : Three hours

Maximum : 75 marks

I. Elaborate on:

(2 x 20 = 40)

1. Define quality assurance. Prepare a layout, design, standing orders and the protocols of a chemotherapy and bone marrow transplantation unit. Explain the role of a nurse in oncology units.
2.
 - a) Define carcinogenesis
 - b) List the genetic influences associated with cancer
 - c) Explain apoptosis
 - d) Discuss about the metastatic cascade

II. Write notes on:

(7x 5 = 35)

1. Tumor markers
2. Testicular self-examination
3. Nursing audit
4. Principles of surgical oncology
5. Nature of cancer pain
6. Retinoblastoma
7. Disseminated intravascular coagulation

M.Sc., (NURSING) DEGREE EXAMINATION

(Regulations for candidates admitted from 2011-2012 Sessions onwards)

SECOND YEAR

PAPER II – CLINICAL SPECIALITY II

BRANCH I – MEDICAL SURGICAL NURSING

03 – ONCOLOGY NURSING

Q.P. Code: 302334

Time: Three Hours

Maximum: 75 marks

Answer All questions

I. Elaborate on:

(2 x 20 = 40)

1. a) Define bladder cancer, clinical manifestations, Diagnosis and medical management of bladder cancer.
b) Explain the types of urinary diversion with appropriate nursing care.
2. a) Define Superior vena cava syndrome (SVCS).
b) Etiology and classical signs and symptoms of Superior Vena Cava Syndrome.
c) Describe the treatment for superior Vena Cava Syndrome.
d) Discuss the important nursing interventions are involved in the care of patients with Superior Vena Cava Syndrome.

II. Write notes on:

(7 x 5 = 35)

1. Bio therapy.
2. Describe the stages of cancer cell growth.
3. Breast self examination.
4. Wilms tumor.
5. Staging system for solid tumors.
6. Role of nurse in cancer cachexia.
7. Multiple myeloma.

[LI 428]

APRIL 2016

Sub. Code: 2334

**M.Sc., (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)
SECOND YEAR
PAPER II – CLINICAL SPECIALITY II
BRANCH – I MEDICAL SURGICAL NURSING
03 – ONCOLOGY NURSING**

Q.P. Code : 302334

Time : Three hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Discuss various theories of Carcinogenesis.
b) Explain the Nurses role in primary prevention of Cancer.
c) Detail Chemotherapeutic drug groups and management of patient receiving Chemotherapy.
2. a) Discuss the etiology and risk factors of Cancer Larynx.
b) Explain the nursing management of a patient who had undergone Total Laryngectomy.
c) Plan for Rehabilitation of the patient after Total Laryngectomy.

II. Write notes on:

(7 x 5 = 35)

1. Non pharmacological pain relief measures for cancer patients.
2. Prevention and screening of cancer cervix.
3. Leukemia.
4. Nutritional problems in Cancer patients.
5. Preparation of patient for bone marrow transplant.
6. Pathophysiological changes in the cancer cells.
7. Colostomy care.

[LL 428]

OCTOBER 2017

Sub. Code: 2334

**M.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)
SECOND YEAR
PAPER II – CLINICAL SPECIALITY – II
BRANCH – I MEDICAL SURGICAL NURSING
03 – ONCOLOGY NURSING**

Q.P. Code : 302334

Time : Three hours

Maximum : 75 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Mrs. X. 60 years old is diagnosed to have carcinoma breast.
 - a) Describe the medical and surgical management of Mrs. X.
 - b) Draw a detailed nursing care plan for this patient.
2. Explain in detail about various lines of prevention and management of client with Carcinoma.

II. Write notes on: **(7 x 5 = 35)**

1. Retinoblastoma.
2. Hazards of Radiation therapy and its prevention.
3. Lymphomas.
4. Hospice care.
5. Role of nurse in pain management of cancer.
6. Gene therapy.
7. Legal and ethical issues in bone marrow transplantation.

M.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)

SECOND YEAR

PAPER II – CLINICAL SPECIALITY – II
BRANCH – I MEDICAL SURGICAL NURSING
03 – ONCOLOGY NURSING

Q.P. Code: 302334

Time : Three Hours

Maximum : 75 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. Mr. Suresh is a 26 year old male admitted with a history of esophageal cancer,
 - a) Discuss the various surgical approaches of esophageal cancer.
 - b) List down the non-pharmacological therapy for esophageal cancer.
 - c) Develop a nursing care plan for a patient who had undergone Total Thoracic Esophagectomy.
2.
 - a) Define Lung Cancer.
 - b) List down the causes and risk factors of Lung Cancer.
 - c) Explain the patho-physiology of Lung Cancer.
 - d) Discuss the collaborative management of patient with Lung Cancer.

II. Write notes on: **(7 x 5 = 35)**

1. Psycho-social aspects of cancer care.
2. Bone marrow depression.
3. Recent developments in cancer unit.
4. List the chemotherapy agents for cervical cancer.
5. Explain early signs of cardio-toxicity due to anti-neoplastic drugs and its management.
6. Stem cell therapy.
7. Hodgkin's lymphoma.

[LO 428]

MAY 2019

Sub. Code: 2334

M.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)

SECOND YEAR

PAPER II – CLINICAL SPECIALITY – II

BRANCH – I MEDICAL SURGICAL NURSING

03 – ONCOLOGY NURSING

Q.P. Code: 302334

Time : Three Hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Discuss the causes and risk factors of Gall Bladder Cancer.
b) List down the non-pharmacological and surgical interventions of Gall bladder cancer.
c) Develop a nursing care plan for a patient who had undergone cholecystectomy with wedge resection of the liver bed segment IV and V.
2. a) List down the cancer emergencies.
b) Draw a layout for a Chemotherapy and BMT unit.
c) Explain in detail regarding the genetic influences associated with cancer.

II. Write notes on:

(7 x 5 = 35)

1. Pain Threshold.
2. Ewing's sarcoma.
3. TNM classification.
4. Complimentary Therapy and alternative medicine in Oncology.
5. Chemotherapeutic agents used in transplantation.
6. Stomatitis Collaborative Therapy.
7. Tumor markers.

[LP 428]

OCTOBER 2019

Sub. Code: 2334

M.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)

SECOND YEAR

PAPER II – CLINICAL SPECIALITY – II
BRANCH – I MEDICAL SURGICAL NURSING
03 – ONCOLOGY NURSING

Q.P. Code: 302334

Time : Three Hours

Maximum : 75 Marks

I. Elaborate on: **(2 x 20 = 40)**

1. a) Draw nursing care plan for a patient with brain tumor who is on radiation therapy.
b) Nutritional support for a patient with dysphagia.
2. a) Prepare a layout and design of an oncology institution including ward, OPD, chemotherapy unit, Bone Marrow Transplantation unit and pain clinic.
b) Standard safety measures in oncology unit.

II. Write notes on: **(7 x 5 = 35)**

1. Nurses responsibilities in Fine Needle Aspiration Cytology (FNAC).
2. Nursing management of patient who has pelvic and abdominal radiation?
3. Care of surgical flaps.
4. The role of the oncology nurse in cancer genetic counselling.
5. Levels of prevention and control of cancer.
6. Legal and ethical issues in oncology unit.
7. Superior Venacava Syndrome.

[LQ 428]

**SEPTEMBER 2020
(MAY 2020 SESSION)**

Sub. Code: 2334

**M.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)**

SECOND YEAR

PAPER II – CLINICAL SPECIALITY – II

BRANCH – I MEDICAL SURGICAL NURSING

03 – ONCOLOGY NURSING

Q.P. Code: 302334

Time : Three Hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. a) Discuss the role of a nurse in a chemotherapy unit.
b) Draw a layout of an Oncology unit.
c) Define quality of life and its dimensions.
2. a) Explain apoptosis.
b) Define pancreatic cancer and enumerate its etiological factors and pathophysiology with appropriate nursing therapy.
c) Discuss the surgical management of pancreatic cancer.

II. Write notes on:

(7 x 5 = 35)

1. Precision medicine and immunotherapy.
2. Basal cell carcinoma.
3. Gestational Trophoblastic Neoplasia.
4. Hematopoietic stem cell transplantation.
5. Transthoracic (Ivor-Lewis) oesophagectomy.
6. Radiation therapy and its standards.
7. Endocrine carcinoma.

[LS 428]

**DECEMBER 2020
(OCTOBER 2020 SESSION)**

Sub. Code: 2334

**M.Sc. (Nursing) DEGREE EXAMINATION
(Regulations for candidates admitted from 2011-2012 Sessions onwards)**

SECOND YEAR

PAPER II – CLINICAL SPECIALITY – II

BRANCH – I MEDICAL SURGICAL NURSING

03 – ONCOLOGY NURSING

Q.P. Code: 302334

Time : Three Hours

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. Mr. X admitted in Oncology unit with the diagnosis of Brain Tumor.
 - a) Define Brain Tumor and classifications of Brain Tumor.
 - b) List the clinical manifestations of Brain Tumor.
 - c) Write in detail about Trends in Management of Brain Tumor and discuss the pre, intra and postoperative nursing care for Mr.X.
2. Mr. Ramesh 48 years admitted in medical oncology unit with the diagnosis of Small Cell Carcinoma of Lungs.
 - a) What is Small Cell Carcinoma.
 - b) Write TNM classifications for Small Cell Carcinoma.
 - c) Discuss in detail about the management of Small Cell Carcinoma including nursing management.

II. Write notes on:

(7 x 5 = 35)

1. Complementary Therapy to Pain.
2. Care of Patients with Dyspepsia.
3. Palliative Care.
4. Warning Signs of Cancer.
5. Principles of Cancer Management.
6. Theories of Cancer Causation.
7. Role of Nurse in Preparation and Administration of Chemotherapy Drugs.

THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY

[MSCN 0424]

APRIL 2024

Sub. Code: 2334

(OCTOBER 2023 EXAM SESSION)

M.Sc. (Nursing) DEGREE EXAMINATION

(Regulations for the candidates admitted from the A.Y. 2011-2012 onwards)

SECOND YEAR

PAPER II – CLINICAL SPECIALITY – II

BRANCH – I MEDICAL SURGICAL NURSING

03 – ONCOLOGY NURSING

Q.P. Code: 302334

Time : Three Hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on:

(2 x 20 = 40)

1. A 35 years old male is admitted in oncology unit with the diagnosis of Cancer of the Larynx and posted for total Laryngectomy.
 - a) Discuss the Medical and Surgical management of Patient.
 - b) Draw a Nursing Care Plan for this patient based on Nursing Process.
2.
 - a) Collaborative management of patient with Disseminated Intravascular Coagulation (DIC).
 - b) Nursing management of Cancer patients experiencing sexual dysfunction.

II. Write notes on:

(7 x 5 = 35)

1. Tumor markers.
2. Pathological changes in cancer cell.
3. Gene therapy.
4. Recent treatment modalities in cancer pain.
5. Infection control practices in long term care facility.
6. Screening for cancer cervix.
7. End of life care.

THE TAMIL NADU Dr. M.G.R. MEDICAL UNIVERSITY

[MSCN 1125]

**NOVEMBER 2025
(OCTOBER 2025 EXAM SESSION)**

Sub. Code: 2334

**M.Sc. (NURSING) DEGREE EXAMINATION
(Regulations for the candidates admitted from the A.Y. 2011-2012 onwards)**

SECOND YEAR

**PAPER II – CLINICAL SPECIALITY – II
BRANCH – I MEDICAL SURGICAL NURSING
(iii) – ONCOLOGY NURSING**

Q.P. Code: 302334

Time : Three Hours

Answer ALL Questions

Maximum : 75 Marks

I. Elaborate on: (2 x 20 = 40)

1. An elderly man is admitted with the diagnosis of cancer of stomach and he is admitted to go for a total gastrectomy surgery. (5+7+8)
 - a) Define Gastric cancer and what are the signs and symptoms of Gastric cancer?
 - b) Describe the preoperative preparation of this patient.
 - c) Describe the postoperative Nursing management including health education.
2. A 73 year old male presents with severe cough, facial swelling and shortness of breath. He has a history of lung cancer, actively being treated with radiation and chemotherapy. This patient presents with an emergency related to malignancy. (4+8+8)
 - a) List down the cancer emergencies.
 - b) Describe Malignant Pleural effusion.
 - c) Discuss in detail about the Nurse's role in managing oncologic emergencies.

II. Write notes on: (7 x 5 = 35)

1. Trends and issues in Oncology.
2. Systemic effects of Tumor growth.
3. Discuss the role of Genetic mutations in the development of cancer.
4. Early detection – Screening of Cancer.
5. Wilm's Tumor.
6. Role of Nurse in palliative care.
7. Nosocomial infection.
