

[KD 404]

APRIL 2001

M.Sc. (Nursing) DEGREE EXAMINATION.

Second Year

(Revised Regulations)

Part II

Branch I — Medical Surgical Nursing

CLINICAL SPECIALITY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

All questions carry equal marks.

1. Master Venu has been admitted with Tetralogy of Fallot for open Heart Surgery.

(a) List the signs and symptoms and the diagnostic tests done for Tetralogy of fallot.

(b) Prepare a post operative nursing intervention based on nursing process approach for the first 48 hrs.

(c) Plan a rehabilitation programme for Master Venu before his discharge. (10 + 10 + 5)

2. (a) Explain the pathophysiology of congestive Cardiac failure.

(b) Enumerate the line of medical management of a patient with congestive cardiac failure.

(c) Critically assess the needs/problems and nursing intervention of a patient with congestive cardiac failure. (8 + 8 + 9)

3. (a) Enumerate the pathophysiology and signs and symptoms of acute renal failure.

(b) Explain the management and rationale in treating a patient with acute renal failure. (12 + 13)

4. Write short notes on any TWO : (12½ + 12½)

(a) Principles and concepts of emergency and disaster nursing.

(b) Assessment of a patient with Head Injury.

(c) Fluid calculation in a patient with 60 degree burns.

NOVEMBER 2001

[KE 404]

M.Sc. (Nursing) DEGREE EXAMINATION.

Second Year

(Revised Regulations)

Part II

Branch I — Medical Surgical Nursing

CLINICAL SPECIALITY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

All questions carry equal marks.

1. Ms. Laxmi, 60 years old is admitted with Hypertension. Answer the following questions :

(a) What are the risk factors of Hypertension? (5)

(b) What are the complications of Hypertension?  
(8)

(c) Discuss the medical management of Hypertension. (7)

(d) Describe how you will prepare her for discharge. (5)

2. (a) Explain about the types of Head Injury. (5)

(b) What are the complications of Head Injury and how will you prevent them? (5)

(c) Discuss about the treatment and nursing care of a patient suffering from Head Injury. (15)

3. Write short notes on any TWO : (12½ + 12½)

(a) Fluid therapy for a burns patient.

(b) Care of patient following Above knee amputation.

(c) Haemodialysis.

4. (a) Define and classify Leukaemia. (5)

(b) Discuss the clinical manifestations of Leukaemia. (5)

(c) Write about the treatment and Nursing Care of a patient suffering from leukaemia. (15)

SEPTEMBER 2002

[KH 404]

M.Sc. (Nursing) DEGREE EXAMINATION.

Second Year

(Revised Regulations)

Part II

Branch I — Medical Surgical Nursing

Paper I — CLINICAL SPECIALITY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

All questions carry equal marks.

1. Mr. Murali, a 57 year old executive engineer is admitted to the coronary care unit with a definite diagnosis of Anterior Wall Myocardial Infarction and 3<sup>rd</sup> degree Atrio-Ventricular block.

His pulse rate is 30 per minute and the rapidly falling blood pressure is 90/46 mm Hg.

He looks pale, is in obvious shock and has occasional convulsions.

A temporary transvenous pacemaker is implanted, set at a rate of 86 beats per minute, 5.5 milli amperes, on demand pacing. A permanent pacemaker is suggested later.

(a) Define 3<sup>rd</sup> degree heart block.

(b) Explain the pathophysiological basis of the following clinical manifestations :

(i) Convulsions

(ii) Bradycardia.

(c) Describe the ECG of Mr. Murali, in terms of the following :

(i) Conduction

(ii) Configuration and location

(iii) Causes

(iv) Clinical significance.

(d) Mention four health problems which Mr. Murali may encounter when a permanent pacemaker is implanted for him, and discuss the related nursing management. (1 + 4 + 8 + 12 = 25)

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## SEPTEMBER 2002

2. Mrs. Kamala, a 40 year old house wife is admitted to the Neuro-Surgical unit with loss of consciousness, increasing systolic pressure, bradycardia, irregular respiration, ptosis, fixed unilaterally dilated pupils and hemiplegia.

Her clinical diagnosis is supratentorial lesion with increased intra-cranial pressure.

(a) Explain the pathophysiological basis of each clinical feature, present in Mrs. Kamala.

(b) List the major complications of increased intra-cranial pressure.

(c) Outline her nursing care plan on four prioritised nursing diagnoses. (14 + 3 + 8 = 25)

3. Mrs. Latha, a 32 year old receptionist is diagnosed to have aplastic anemia. She is from a middle class urban family and having two small children.

(a) What is aplastic anemia?

(b) Explain the pathophysiological basis of the clinical manifestations of aplastic anemia.

(c) Discuss the extended role of a qualified nurse in rendering health care to Mrs. Latha and her family.

(1 + 4 + 20 = 25)

4. Write short notes on any TWO of the following :

(a) Drug Therapy in Status Asthmaticus

(b) Prevention of Osteoporosis

(c) Principles of Haemodialysis. (2 × 12½ = 25)

APRIL 2003

[KI 404]

Sub. Code : 2304

M.Sc. (Nursing) DEGREE EXAMINATION

Second Year

(Revised Regulations)

Part II

Branch I — Medical Surgical Nursing

Paper I — CLINICAL SPECIALITY

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

All questions carry equal marks.

1. Mr. Laxman a 50 yrs. old is admitted in the medical unit with a diagnosis of chronic Diabetes mellitus.

(a) Write the clinical manifestations with adequate rationale. (5)

(b) Plan the Nursing management using the "Nursing Process". (20)

2. (a) What is cirrhosis of the liver? Classify the types. (5)

(b) What are the complications in cirrhosis of the liver? (5)

(c) Discuss the treatment and nursing management in detail. (15)

3. Write short notes on any TWO : (12  $\frac{1}{4}$  + 12  $\frac{1}{4}$  = 25)

(a) Client management in cardiac catheterization

(b) Cataract

(c) Poliomyelitis

(d) Infertility and sterility.

4. Mrs. Laxmi, 30 years old is admitted with 50% of burns :

(a) Write the assessment and management of the client for the 1st 24 hours. (7)

(b) Discuss the common complications and preventive measures. (8)

(c) Write the various rehabilitation measures. (10)

**OCTOBER 2003**

**[KJ 404]**

**Sub. Code : 2304**

M.Sc. (Nursing) DEGREE EXAMINATION.

Second Year

(Revised Regulations)

Branch I — Medical Surgical Nursing

Part II

Paper I — CLINICAL SPECIALITY

Time : Three hours

Maximum : 100 marks

Theory : Two hours and forty  
minutes

Theory : 80 marks

M.C.Q. : Twenty minutes

M.C.Q. : 20 marks

MCQ must be answered **SEPARATELY** on the  
Answer Sheet provided as per the instructions on the  
first page.

Answer **ALL** questions.

1. (a) Discuss the pathophysiological changes  
occurring in Diabetic Ketoacidosis (DKA).

(b) Prepare a nursing care plan for a known  
diabetic patient admitted with DKA. (5 + 5 = 10)

## OCTOBER 2003

2. (a) How does thromboembolytic therapy help in Acute Myocardial infarction and what are the nursing responsibilities during and after administration of thrombolytic drugs.

(b) Give a few life threatening arrhythmias and the nursing responsibilities in identifying and reverting them. (10)

3. Write short notes on : (10 × 5 = 50)

(a) Postural drainage.

(b) Chemotherapy in Chronic Myeloid Leukemia.

(c) Glasgow Coma scale.

(d) Criteria for Weaning from a ventilator.

(e) Assessment of Deep tendon reflexes.

(f) Disaster Management team.

(g) Compare the causative organism, incubation period, signs and symptoms, mode of spread for different types of Hepatitis.

(h) Peritoneal Dialysis.

(i) Complications of AIDS.

(j) Management of Organo-Phosphorus poisoning.

4. Write short answers : (5 × 2 = 10)

(a) Warning signs of cancer

(b) What are cytokines and give 2 examples

(c) How do you calculate BMI and classify levels of Nutrition?

(d) Types of cyanosis

(e) Drugs used in Congestive Heart Failure.

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APRIL 2004

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Sub. Code : 2304

SECTION B

M.Sc. (Nursing) DEGREE EXAMINATION.

Second Year

(Revised Regulations)

Branch I — Medical Surgical Nursing

Part II

Paper I — CLINICAL SPECIALITY

Time : Three hours

Maximum : 100 marks

Sec. A & B : Two hours and  
forty minutes

Sec. A & B : 80 marks

Section C : Twenty minutes

Section C : 20 marks

Answer Sections A and B in the **SAME** answer book.

Answer Section C in the answer sheet provided.

SECTION A

1. Write the pathophysiology, clinical manifestation and nursing management of Angina pectoris? (15)
2. How will you organize the intensive critical care unit with equipments and facilities to receive Neurological Emergencies? (15)

3. Write short notes on : (10 × 5 = 50)
  - (a) Myasthenia Gravis
  - (b) Subdural Haematoma
  - (c) Status epilepticus
  - (d) Endometriosis
  - (e) Spinabifida
  - (f) Bladder injuries
  - (g) Space occupying lesions
  - (h) Pulmonary embolism
  - (i) Extracorporeal shock wave lithotripsy
  - (j) Hemodialysis.



**AUGUST 2004**

**[KL 404]**

**Sub. Code : 2304**

M.Sc. (Nursing) DEGREE EXAMINATION.

Second Year

(Revised Regulations)

Branch I — Medical Surgical Nursing

Part II

Paper I — CLINICAL SPECIALITY

Time : Three hours

Maximum : 100 marks

Sec. A & B : Two hours and

Sec. A & B : 80 marks

forty minutes

Sec. C : Twenty minutes

Sec. C : 20 marks

Answer Sections A and B in the **SAME** Answer Book.

Answer Section C in the Answer Sheet provided.

**SECTION A — (2 × 15 = 30 marks)**

1. Mr. Siva is admitted with a history of road traffic accident. On admission Mr. Siva is unconscious and vital signs are stable.

(a) What are the pathophysiological changes likely to occur in Mr. Siva and the potential problems arising out of the changes?

(b) Prepare a nursing care plan based on Nursing process approach for the first 48 hours. (15)

2. Mr. Chandran, 52 years is admitted in the Intensive Care Unit with the diagnosis of Acute Renal failure.

(a) Mention the causes of acute renal failure.

(b) Write the clinical manifestations of acute renal failure.

(c) How will you manage Mr. Chandran based on Nursing Process? (15)

**SECTION B — (10 × 5 = 50 marks)**

3. Write short notes on :

(a) Management of Burns

(b) Endocrine emergencies

(c) Organization of critical care unit

(d) Peritoneal dialysis

(e) Cardiac rehabilitation

(f) Chest drainage

(g) Systemic lupus erythematosus

(h) Management of Benign Prostate Hyperplasia

(i) Management of neck of femur fracture

(j) Management of Epilepsy.

## FEBRUARY 2005

[KM 404]

Sub. Code : 2304

M.Sc. (Nursing) DEGREE EXAMINATION.

Second Year

(Revised Regulations)

Part II

Branch I — Medical Surgical Nursing

Paper I — CLINICAL SPECIALITY

Time : Three hours                      Maximum : 100 marks

Sec. A & B : Two hours and              Sec. A & B : 80 marks  
forty minutes

Section C : Twenty minutes              Section C : 20 marks

Answer Sections A and B in the **SAME** Answer Book.

Answer Section C in the answer sheet provided.

SECTION A — (2 × 15 = 30 marks)

1. (a) Define peptic ulcer.
- (b) Write the etiological factors and signs and symptoms of peptic ulcer.
- (c) What are the investigations to be carried in a case of peptic ulcer?
- (d) Write the medical and nursing management of a client with peptic ulcer. (15)

2. (a) Write the causes and patho physiological changes in myocardial infarction.

(b) Write the medical and nursing management of a client with acute myocardial infarction.

(c) What health education would you give to prevent recurrence of myocardial infarction? (15)

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on the following :

- (a) Cardiac enzymes
- (b) Fluid therapy in burns
- (c) Endometriosis
- (d) Cataract
- (e) Cardioversion
- (f) Skin graft
- (g) Constipation
- (h) Angina pectoris
- (i) Jaundice
- (j) Paracentesis.

**AUGUST 2005**

**[KN 404]**

**Sub. Code : 2304**

M.Sc. (Nursing) DEGREE EXAMINATION.

Second Year

(Revised Regulations)

Part II

Branch I — Medical Surgical Nursing

Paper I — CLINICAL SPECIALITY

Time : Three hours

Maximum : 100 marks

Sec. A & B : Two hours and

Sec. A & B : 80 marks

forty minutes

Sec. C : Twenty minutes

Sec. C : 20 marks

Answer Sections A and B in the **SAME** answer book.

Answer Section C in the answer sheet provided.

**SECTION A — (2 × 15 = 30 marks)**

1. You are caring for a 60 years old woman with chronic renal failure. She has had haemodialysis over a period of one year and posted for Renal transplant.

(a) Enumerate the selection basis for transplant recipient. (2)

## AUGUST 2005

(b) Discuss the complications of Renal transplant. (3)

(c) Draw a nursing care plan for this patient based on nursing process. (10)

2. A 20 years old college student is admitted in an oncology unit with acute Lymphoid leukaemia.

(a) List the clinical features of Leukaemia. (2)

(b) Discuss the latest diagnostic investigations and treatment modalities for Leukaemia. (3)

(c) Discuss in detail the nursing management for this patient. (10)

### SECTION B — (10 × 5 = 50 marks)

3. Write short notes on the following :

(a) Extra corporeal circulation in open heart surgery.

(b) Patho physiology of bronchiectasis.

(c) Endoscopic Retrograde Cholangio Pancreatography.

(d) Stages of bone healing after fracture.

(e) Rehabilitation in paraplegia.

(f) Surgical approaches for benign prostate hypertrophy.

(g) Infertility.

(h) Chemotherapy for Malaria.

(i) Laser procedures for Glaucoma.

(j) Anaphylactic shock.

MARCH 2006

[KO 404]

Sub. Code : 2304

M.Sc. (Nursing) DEGREE EXAMINATION.

Second Year

(Revised Regulations)

Part II

Branch I — Medical Surgical Nursing

Paper I — CLINICAL SPECIALITY

Time : Three hours                      Maximum : 100 marks

Sec. A & B : Two hours and              Sec. A & B : 80 marks  
forty minutes

Sec. C : Twenty minutes                      Sec. C : 20 marks

Answer Sections A and B in the **SAME** answer book.

Answer Section C in the answer sheet provided.

Answer **ALL** questions.

SECTION A — (2 × 15 = 30 marks)

1. (a) Define Diabetes Mellitus.
- (b) Write classification, etiology and pathophysiology of Diabetes mellitus.
- (c) Write medical and nursing management of client with Diabetes Mellitus. (15)

2. (a) Define Hypertension.
- (b) Write types, etiological factors, pathophysiology and clinical manifestations of Hypertension.
- (c) What are medical and nursing management of client with hypertension? (15)

SECTION B — (10 × 5 = 50 marks)

3. Write short notes on the following :
  - (a) Raynauds Disease.
  - (b) Defibrillation.
  - (c) Endoscopy.
  - (d) Thrush.
  - (e) Tracheostomy.
  - (f) Blepharitis.
  - (g) Classification of chemotherapy in cancer.
  - (h) Haemodialysis.
  - (i) Colostomy care.
  - (j) Role of Nurse in Disaster Management.



**MARCH 2007**

**[KQ 404]**

**Sub. Code : 2304**

**M.Sc. (Nursing) DEGREE EXAMINATION.**

**Second Year**

**(Revised Regulations)**

**Part II**

**Branch I — Medical Surgical Nursing**

**Paper I — CLINICAL SPECIALITY**

**Time : Three hours**

**Maximum : 100 marks**

**Descriptive : Two hours and  
forty minutes**

**Descriptive: 80 marks**

**Objective : Twenty minutes**

**Objective : 20 marks**

**Answer Sections A and B in the same answer book.**

**1. Mr. Vasu aged 60 years is admitted to your ward with diagnosis of congestive cardiac Failure.**

**(a) What are the characteristics of congestive cardiac failure? (5)**

## MARCH 2007

(b) Describe the pathophysiology of congestive cardiac failure. (5)

(c) Discuss the Treatment and Nursing care of Mr. Vasu with congestive cardiac Failure. (10)

2. Mrs. Rajan 45 years teacher is admitted with the diagnosis of urinary calculi.

(a) What are causes of urinary calculi?

(b) Write the clinical manifestations of urinary calculi.

(c) Write the Nursing management of Mrs. R. using Nursing process approach. (15)

3. Mr. Prabhu 60 years is admitted with right sided hemiplegia in a medical ward.

(a) Write the pathophysiology of Hemiplegia.

(b) Prepare a nursing care plan for Mr. P. based on nursing process approach. (15)

4. Write short notes on : (6 × 5 = 30)

(a) Bone marrow Transplantation.

(b) Nursing care of a patient with pace maker.

(c) Health education for a patient who had cataract surgery.

(d) Dumping syndrome.

(e) Organophosphorous poisoning.

(f) Difference between arterial and venous ulcers.

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**[KR 404]**

**Sub. Code : 2304**

M.Sc. (Nursing) DEGREE EXAMINATION.

Second Year

(Revised Regulations)

Part II

Paper I — CLINICAL SPECIALITY

Branch I — Medical Surgical Nursing

Time : Three hours                      Maximum : 100 marks

Descriptive : Two hours and              Descriptive : 80 marks  
forty minutes

Objective : Twenty minutes              Objective : 20 marks

Answer ALL questions.

I. Essay :

(1) (a) Classify the causes of renal failure and what are the clinical manifestations of renal failure with the related pathophysiology.

(b) Prepare a guideline for Nursing care of patients undergoing Hemodialysis giving rationale for the nursing interventions. (20)

(2) (a) Classify Burns and describe the pathophysiological changes.

(b) Prepare a specific nursing care plan for a man admitted with 50% burns involving the upper part of the body and head and neck. (15)

(3) Discuss about post operative nursing management of the colostomy. (15)

II. Write short notes on the following : (6 × 5 = 30)

(a) Intestinal obstruction

(b) Complications of AIDS

(c) Principles of Hemodialysis

(d) Disaster management team

(e) Treatment options for Renal Stones

(f) Nursing measures to reduce increased intracranial pressure.

September 2008

[KT 404]

Sub. Code : 2304

M.Sc. (Nursing) DEGREE EXAMINATION.

Second Year

(Revised Regulations)

Part II

Branch I — Medical Surgical Nursing

Paper I — CLINICAL SPECIALITY

Q.P. Code : 302304

Time : Three hours

Maximum : 100 marks

Answer ALL questions.

I. Essays : (2 × 20 = 40)

(1) Explain in detail the management of patient with acute renal failure.

(2) Write the nursing management of patients with facial reconstructive surgery.

II. Write short notes on : (10 × 6 = 60)

(1) Acute myeloid leukemia.

(2) Gout.

(3) LGV.

(4) Myasthenia gravis.

(5) Cystitis.

(6) Brain abscess.

(7) Thyrotoxicosis.

(8) Inhaled poisons.

(9) Acute pancreatitis.

(10) Crohn's disease.

**MARCH -2009**

**[KU 404]**

**Sub. Code: 2304**

**M.Sc (Nursing ) DEGREE EXAMINATION**

**Second Year**

**(Revised Regulations)**

**Part II**

**Paper I – CLINICAL SPECIALITY**

**Branch I – Medical Surgical Nursing**

***Q.P. Code : 302304***

**Time : Three hours**

**Maximum : 100 marks**

**Answer All questions.**

**I. Essays: (2 X 20=40)**

1. Write the pathophysiology, clinical manifestation and diagnostic evaluation of Laennec's Cirrhosis of liver.
2. Discuss the post operative nursing management colostomy.

**II. Write Short Notes on : (10X 6 = 60)**

1. Fracture shaft of femur.
2. Neurogenic bladder.
3. Pheochromocytoma.
4. Thyroid storm.
5. Cholelithiasis.
6. SLE.
7. Rheumatoid arthritis.
8. Percutaneous transluminal coronary angioplasty.
9. Contact dermalitis.
10. Cushing syndrome.

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September - 2009

[KV 404]

Sub. Code: 2304

M.Sc (Nursing) DEGREE EXAMINATION

Second Year  
(Revised Regulations)

Part II

Paper I – CLINICAL SPECIALITY

Branch I – Medical Surgical Nursing

*Q.P. Code : 302304*

Time : Three hours

Maximum : 100 marks

Answer All questions.

I. Essays: (2 X 20=40)

1. Mr. Sam, 55 yrs is admitted with the diagnosis of congestive cardiac failure for treatment.
  - a) Write the causes and clinical manifestation of congestive cardiac failure.
  - b) What are the patho-physiological changes occurring in CCF?
  - c) Discuss the nursing management of Mr. Sam using nursing process approach.
2. Mrs. Asha, 50 yrs is admitted in orthopedic ward for total hip replacement.
  - a) Write the assessment you would make on Mrs. Asha.
  - b) Discuss the nursing management of Mrs. Asha during the first 48 hours following surgery using nursing process approach.

II. Write Short Notes on : (10X 6 = 60)

1. Urinary diversion.
2. Haemodialysis.
3. Use of mechanical ventilators.
4. Management of a patient with Glaucoma.
5. Role of a nurse in emergency and trauma care.
6. Skin graft.
7. Rehabilitation of a patient with paraplegia.
8. Infertility and sterility.
9. Education and counseling of a patient with breast cancer.
10. Myasthenic crisis.

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March 2010

[KW 404]

Sub. Code: 2304

**M.Sc (Nursing) DEGREE EXAMINATION**

**Second Year  
(Revised Regulations)**

**Part II**

**Paper I – CLINICAL SPECIALITY**

**Branch I – Medical Surgical Nursing**

***Q.P. Code : 302304***

**Time : Three hours**

**Maximum : 100 marks**

**Answer All questions.**

**I. Essays:**

**(2 X 20=40)**

1. Write the pathophysiology, clinical manifestation and diagnostic evaluation of Laennec's cirrhosis of liver.
2. Discuss the post operative nursing management of colostomy.

**II. Write Short Notes on :**

**(10X 6 = 60)**

1. Fracture shaft of femur.
2. Neurogenic bladder.
3. Pheochromocytoma.
4. Thyroid storm.
5. Cholelithiasis.
6. SLE.
7. Rheumatoid arthritis.
8. Percutaneous transluminal coronary angioplasty.
9. Contact dermatitis.
10. Cushing's syndrome.

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