

Rajiv Gandhi University of Health Sciences, Karnataka
First Year M. Sc. (Nursing) Degree Examination – 02-Mar-2023

[Time: 3 Hours]

[Max. Marks: 80]

MEDICAL SURGICAL NURSING
(RS3/RS4)
Q.P. CODE: 9635

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions

08 X 10 = 80 Marks

1. Explain the pathological basis of clinical manifestations of increased intracranial pressure. Describe the therapeutic observation to be made to evaluate the prognosis with nursing management.
2. Write the pathophysiology and clinical manifestation of myocardial infarction and explain in detail the management of patient with acute Myocardial infarction.
3. Discuss in detail the pathophysiology and management of patient suffering from diabetic ketoacidosis.
4. Discuss the types, etiology and pharmacological and non-pharmacological intervention of hypertension. Explain the complications of hypertension with nursing management.
5. What is ulcerative colitis? Explain causes, pathophysiology and clinical features. Discuss the nursing management for ulcerative colitis.
6. Write the etiology and clinical manifestation of renal calculi. Explain the invasive and non invasive surgical management with the post operative nursing care.
7. Mr. Prashanth 60 years old is admitted with diagnosis of benign prostatic hyperplasia. Discuss the different medical and surgical modalities of treatment available for Mr. Prashanth with their advantages and disadvantages.
8. Define chronic suppurative otitis media. Explain the clinical manifestations in terms of pathological changes. Prepare nursing care plan for the patient of otitis media.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M. Sc. (Nursing) Degree Examination – 09-Feb-2022

[Time: 3 Hours]

[Max. Marks: 80]

MEDICAL SURGICAL NURSING (RS3/RS4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions

08 X 10 = 80 Marks

1. Enumerate the types of head injury and write the nursing management for a client with craniotomy for first 48 hours.
2. Explain pathophysiology and clinical manifestation of Chronic Obstructive Pulmonary Disease (COPD) and write the medical and nursing management of Chronic Obstructive Pulmonary Disease (COPD).
3. Explain pathophysiology underlying clinical features of cirrhosis of liver and draw a nursing process for a client with cirrhosis of liver.
4. Classify Fracture and discuss the medical, surgical and nursing management of patient with hip fracture.
5. Explain clinical features and management of Hyperthyroidism.
6. Treatment modalities of anemia.
7. Management of renal calculi.
8. Ethical and cultural issues in medical surgical nursing.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M. Sc. (Nursing) Degree Examination – 02-Aug-2021

[Time: 3 Hours]

[Max. Marks: 80]

MEDICAL SURGICAL NURSING (RS3/RS4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

Answer All The Questions

8 X 10 = 80 Marks

1. Discuss the pathophysiology of chronic renal failure and explain the medical and nursing management after renal transplantation.
2. Explain the types and clinical features of peptic ulcer and discuss the management of a patient with peptic ulcer.
3. Describe the mechanism and pathophysiology of Head injury and explain the management of a patient with Head injury.
4. Discuss the pathophysiology of Burns and explain the management of the patient with 60% of Burn injury.
5. Write a note on Infertility.
6. Explain the steps in Tracheostomy care.
7. Classify and explain the management of Hypertension.
8. Explain Psychosocial aspects of ageing.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M.Sc. (Nursing) Degree Examination - 30-Nov-2020

[Time: 3 Hours]

[Max. Marks: 80]

MEDICAL SURGICAL NURSING

(RS3/RS4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

Answer All The Questions

08 X 10 = 80 Marks

1. List-out the causes and risk factors of pneumonia and write a detailed nursing care plan for a patient with pneumonia.
2. Explain the causes and clinical features of BPH and discuss the surgical management in BPH.
3. Discuss the clinical manifestation of Diabetes Mellitus in relation to pathophysiological aspects and Plan a teaching guide on diabetes mellitus for patient and family.
4. Describe the pathophysiology of glaucoma and discuss the management of patient with glaucoma in detail.
5. Explain assessment of a patient with head injury.
6. Risk factors and management of Osteoporosis.
7. Concepts and theories of ageing.
8. Write in detail about Infertility.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M. Sc. (Nursing) Degree Examination – 09-Sep-2020

[Time: 3 Hours]

[Max. Marks: 80]

MEDICAL SURGICAL NURSING (RS3/RS4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

ANSWER THE FOLLOWING

4 X 15 = 60 Marks

1.
 - a. Discuss the clinical manifestation of Hypertension.
 - b. Describe the pathophysiology of Hypertension.
 - c. Explain the nurses 'role' in the management of Hypertension.
2.
 - a. Define Pneumonia.
 - b. Explain the pathophysiology of Pneumonia.
 - c. Discuss the medical and nursing management of patient with Pneumonia.
3.
 - a. Describe the etiological factors of Gastric cancer.
 - b. Explain the staging and clinical manifestations of Gastric cancer.
 - c. Discuss the management for Gastric cancer.
4.
 - a. Describe Benign Prostate Hypertrophy (BPH).
 - b. Describe the etiology and clinical manifestations of BPH.
 - c. Discuss the surgical and nursing management for a patient with BPH.

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Rehabilitation of patient with cerebrovascular accident.
6. Psoriasis.
7. Management of chronic renal failure.
8. Infertility.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year M. Sc. (Nursing) Degree Examination - 07-Sep-2020

[Time: 3 Hours]

[Max. Marks: 40]

STATISTICS (RS3/RS4)

Q.P. CODE: 9634

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)

Use separate answer books for 9633 and 9634

ANSWER THE FOLLOWING

2 X 15 = 30 Marks

1. a. What is coefficient of correlation? Explain.
b. For the following data, compute Spearman's Rank correlation:

Score on variable X:	16	13	12	13	10	8
Score on variable Y:	13	12	10	8	8	6

2. Distribution of post operative day of surgery and pain scores of patients is given in the following table.
 - a. Draw a line diagram showing the frequency distribution. What kind of frequency distribution is shown in this table?
 - b. What are the advantages of arithmetic mean?

Age	Pain score					
	1-2	3-4	5-6	7-8	9-10	Total
10-13	2	2	6	8	3	21
14-17	1	1	3	4	3	12
18-21	-	-	4	3	6	13
22-25	5	3	3	2	1	14
	8	6	16	17	13	60

SHORT NOTES (Answer any ONE)

1 X 10 = 10 Marks

3. Contingency table.
4. Define and explain Z score.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCT-2019

[Time: 3 Hours]

[Max. Marks: 80]

MEDICAL SURGICAL NURSING

(RS 3 and RS 4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING

4 X 15 = 60 Marks

1. a) Explain the pathophysiology and clinical manifestations of left sided and right sided heart failure.
b) Explain the management of a patient with congestive heart failure including nursing management. (7+8)
2. a) Explain the risk factors, clinical manifestations and pathophysiology of cirrhosis of liver.
b) Explain the medical and nursing management of a patient with cirrhosis of liver. (2+2+3+8)
3. a) Explain the types, clinical manifestations and pathophysiology of pneumonia.
b) Explain the management of a patient with pneumonia based on nursing process. (3+2+2+8)
4. a) Explain the types and clinical manifestations of cataract.
b) Explain in the detail the surgical and nursing management of a patient with cataract. (4+3+8)

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Explain the age related changes in elderly.
6. Explain the effects of hospitalization on the patient and family.
7. Explain the management of a patient with psoriasis.
8. Explain the management of a patient with fracture.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - OCT-2019

[Time: 3 Hours]

[Max. Marks: 80]

MEDICAL SURGICAL NURSING (RS 3 and RS 4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING

4 X 15 = 60 Marks

1. a) Explain the pathophysiology and clinical manifestations of left sided and right sided heart failure.
b) Explain the management of a patient with congestive heart failure including nursing management. (7+8)
2. a) Explain the risk factors, clinical manifestations and pathophysiology of cirrhosis of liver.
b) Explain the medical and nursing management of a patient with cirrhosis of liver. (2+2+3+8)
3. a) Explain the types, clinical manifestations and pathophysiology of pneumonia.
b) Explain the management of a patient with pneumonia based on nursing process. (3+2+2+8)
4. a) Explain the types and clinical manifestations of cataract.
b) Explain in the detail the surgical and nursing management of a patient with cataract. (4+3+8)

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Explain the age related changes in elderly.
6. Explain the effects of hospitalization on the patient and family.
7. Explain the management of a patient with psoriasis.
8. Explain the management of a patient with fracture.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - APRIL-2018

[Time: 3 Hours]

[Max. Marks: 80]

MEDICAL SURGICAL NURSING

(RS 3 and RS 4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING

4 X 15 = 60 Marks

1. Write the nursing assessment and management of patient with acute pancreatitis using nursing process approach. (7+8)
2. Discuss the etiology, pathophysiology and clinical features of AIDS. Write the management of client with AIDS in relation to treatment adherence. (7+8)
3. Discuss the physiological and psychosocial aspects of aging. Explain the role of nurse in the care of the elderly. (7+8)
4. Enumerate the causes of unconsciousness. Write in detail the nursing management of a patient with unconsciousness. (5+10)

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Progressive patient care
6. Disseminated intravascular coagulation
7. Otitis media
8. Genitor-reproductive assessment in a woman

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - APRIL 2017

[Time: 3 Hours]

[Max. Marks: 80]

MEDICAL SURGICAL NURSING

(RS 3 and RS 4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING

4 X 15 = 60 Marks

1.
 - a) Define Chronic Obstructive Pulmonary Disease (COPD). (2+6+7)
 - b) Explain the pathophysiology of COPD.
 - c) Write a detailed nursing care plan for a patient with COPD.
2.
 - a) List the causes of Acute Renal Failure (ARF). (2+6+7)
 - b) Discuss the clinical features of ARF in relation to pathophysiological aspects.
 - c) Discuss the nursing management of a patient undergoing haemodialysis.
3.
 - a) List-down the risk factors of Myocardial Infarction. (2+6+7)
 - b) Describe the pathophysiology and clinical manifestation of Myocardial Infarction.
 - c) Write a nursing care plan for the first 24 hours after Myocardial Infarction.
4.
 - a) List the causes and types of fracture. (7+8)
 - b) Discuss the management of a patient with tibial fracture.

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Migraine
6. Cushing syndrome
7. Dermatitis
8. Legal and ethical issues in Medical Surgical Nursing

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Rajiv Gandhi University of Health Sciences
First Year M.Sc. (Nursing) Degree Examination - OCTOBER
2016

[Time: 3 Hours]
80]

[Max. Marks:

MEDICAL SURGICAL NURSING
(RS 3 and RS 4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.
Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING

4 X 15 = 60 Marks

1. a) Explain the types, and pathophysiology of leukemia.
b) Explain in detail the management of a patient with Leukemia in detail. (3+4+8)
2. a) Explain the causes and clinical manifestations of chronic renal failure.
b) Explain the management of chronic renal failure including nursing management. (3+4+8)
3. a) Explain the causes and clinical manifestations including pathophysiology of pulmonary tuberculosis.
b) Explain the medical and nursing management of a patient with pulmonary tuberculosis. (2+5+8)
4. a) Explain the types and pathophysiology head injury.
b) Explain in detail the management of a patient with head injury in the first 48 hours. (3+4+8)

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Explain the causes and management of deep vein thrombosis.
6. Explain the types and management of glaucoma.
7. Explain the nutritional assessment in elderly.
8. Explain the Ethical issues in Medical Surgical Nursing.

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - May 2016

[Time: 3 Hours]

[Max. Marks: 80]

MEDICAL SURGICAL NURSING

(RS 3 and RS 4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING

4 X 15 = 60 Marks

1. Mr. Raju, 43 years old is suffering from peptic ulcer. (4+4+7)
 - a) Differentiate between peptic ulcer and duodenal ulcer.
 - b) Illustrate the pathophysiological changes that occur in peptic ulcer.
 - c) Discuss the post-operative nursing care of Mr. Raju, who has undergone gastro-Jejunostomy using nursing process approach.
2. Mrs. Renu, 40 years old is admitted to the ward with adenocarcinoma of right breast. (4+5+6)
 - a) List the clinical manifestations and diagnostic measures to identify the carcinoma of breast.
 - b) Discuss the treatment options and reconstructive surgical approaches available for Mrs. Renu.
 - c) Plan a teaching on post mastectomy exercises.
3. Mr. Rao, 39 years old is admitted to the ward for thyroidectomy. (2+4+9)
 - a) What are the indications for thyroidectomy?
 - b) Enumerate the complications of thyroidectomy.
 - c) Prepare a nursing care plan for immediate post-operative care of patient.
4. Mr. Babu, 40 years is admitted with a Diabetic gangrene of the left foot, posted for amputation. (2+4+6+3)
 - a) List the indications for amputation.
 - b) Explain how do you prepare psychologically Mr. Babu and his family for the surgery.
 - c) Identify the five important post-operative nursing diagnosis and plan appropriate nursing interventions according to priority.
 - d) Plan rehabilitation programme.

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Care of patient on skeletal traction
6. Rehabilitation of patient with colostomy
7. Nursing care of patient on blood transfusion
8. Cardiac rehabilitation

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - MAY 2015

[Time: 3 Hours]
80]

[Max. Marks:

MEDICAL SURGICAL NURSING (RS 3 and RS 4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING

4 X 15 = 60 Marks

1. Mr. Sunil 45 years, a chronic alcohol is admitted with Cirrhosis of Liver. (8+7)
 - a) Illustrate diagrammatically what pathophysiological changes that occur.
 - b) Discuss what complications of Cirrhosis of Liver can he develop and its management.
2. Mr. Muniraju 50 years old admitted to the burns unit with 70% of burns, 50 kg weight. (8+7)
 - a) Write in detail the fluid replacement therapy and wound management of a patient for first 48 hours.
 - b) Enlist the complications and its prevention.
3. Mrs. Revathi, 55 years old patient admitted to the ward with a non-healing foot ulcer, she is a known case of Diabetes Mellitus, on Insulin treatment. (2+5+8)
 - a) Define Diabetes Mellitus.
 - b) Discuss pathophysiological changes that occur.
 - c) Discuss in detail the Acute and Chronic complications of Diabetes Mellitus and its management.
4. Ms. Sumathi, 28 years old is admitted to orthopedic ward with a fracture of femur after sustaining road traffic accident, and has been posted for surgery. (3+7+5)
 - a) Describe various surgical modalities of treatment of fracture.
 - b) Explain post-operative nursing management of Ms. Sumathi who is on external fixation.
 - c) Plan health education.

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Diet therapy in nephrotic syndrome
6. Ambulatory care
7. Care of patient with Plaster of Paris
8. Extracorporeal Shock Wave Lithotripsy

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Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - Nov 2014

[Time: 3 Hours]

[Max. Marks:

80]

MEDICAL SURGICAL NURSING

(RS 3 and RS 4)

Q.P. CODE: 9635

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

ANSWER THE FOLLOWING

4 X 15 = 60 Marks

1. Mr. Venugopal, 30 years of old, admitted in the hospital with the diagnosis of diabetic ketoacidosis. (2+5+8)
 - a) Define ketoacidosis.
 - b) State the possible causes and clinical manifestations, and relevant investigations of ketoacidosis.
 - c) Discuss the medical and nursing management of patient with ketoacidosis.
2. Mrs. Devi, 50 years old women admitted to ward for the treatment of osteoporosis. (2+3+4+6)
 - a) Explain the predisposing factors for osteoporosis.
 - b) Write the specific diagnostic investigations.
 - c) Discuss the major complications and plan of health teaching to prevent the complications.
 - d) Explain the nursing management of patient with osteoporosis.
3. Master M 18 years old is admitted with Myelogenous leukemia. (2+3+4+6)
 - a) Define Leukemia.
 - b) Discuss the types, clinical features and diagnostic measures.
 - c) Explain the treatment modalities for leukemia.
 - d) Construct a care plan for a patient with leukemia.
4.
 - a) Discuss the mechanism of head injury. (3+6+6)
 - b) Explain the neurological assessment of a patient with head injury.
 - c) Mention the post-operative complications after craniotomy.

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Thyroid crisis
6. Kidney transplantation
7. Life style modification in Hypertension patient
8. Cirrhosis of Liver

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