

Rajiv Gandhi University of Health Sciences, Karnataka
Second Year M.Sc. (Nursing) Degree Examination - 24-Feb-2023

[Time: 3 Hours]

[Max. Marks: 80]

CRITICAL CARE NURSING
(RS3/RS4)

Q.P. CODE: 9642

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. Define burns. Explain in detail the management of patient with 40% burns in the acute phase
2. What are the phases of acute renal failure? Explain the management of patient with acute renal failure
3. Define pulmonary embolism and describe pathophysiology, clinical manifestations and management of patient with pulmonary embolism
4. Define Cushing syndrome and describe in detail the collaborative management of patient with Cushing syndrome
5. Write in detail about role of a nurse in organ donation and counselling
6. Explain the preparation and care of patient with abdominal paracentesis
7. Discuss in detail the care of patient with glaucoma
8. Write a in detail about legal safeguards in critical care nursing

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Rajiv Gandhi University of Health Sciences, Karnataka
Second Year M.Sc. (Nursing) Degree Examination -20-May-2022

[Time: 3 Hours]

[Max. Marks: 80]

CRITICAL CARE NURSING
(RS3/RS4)

Q.P. CODE: 9642

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. Explain the indications and contraindications for Hemodialysis. Discuss on the vascular access methods for hemodialysis and prepare a health education for a patient to care for the vascular access.
2. Discuss the causes and mechanism of upper Gastro Intestinal bleeding. Explain the emergency management of a patient with upper GI bleeding.
3. Describe the levels of unconsciousness. Explain on assessment and management of an unconscious patient.
4. Discuss the causes, pathophysiology and medical management of a patient with disseminated Intravascular coagulation (DIC).
5. Explain management of Status epileptics.
6. Explain the clinical features and management of Hypertensive crisis.
7. Discuss the complications of mechanical ventilation.
8. Legal issues in critical care nursing.

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Rajiv Gandhi University of Health Sciences, Karnataka

Second Year M.Sc. (Nursing) Degree Examination -26-Nov-2021

[Time: 3 Hours]

[Max. Marks: 80]

CRITICAL CARE NURSING

(RS3/RS4)

Q.P. CODE: 9642

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 theories of pain. Explain the pharmacological and nonpharmacological measures of management of pain.
2. Mr. Z is admitted with Chronic Renal Failure (CRF). Discuss the pathophysiological changes of CRF. Explain the management of CRF.
3. Explain the assessment of intracranial pressure (ICP). Discuss the management of increased ICP.
4. Describe the types of shock. Explain the stages of shock. Explain the emergency management of a patient with shock.
5. Discuss in detail on Acid base imbalance.
6. Explain complications of burns.
7. Explain concepts and principles of Critical care unit.
8. Explain care of a patient with intercostal drainage.

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Rajiv Gandhi University of Health Sciences, Karnataka

Second Year M.Sc. (Nursing) Degree Examination - 28-Jul-2021

[Time: 3 Hours]

[Max. Marks: 80]

CRITICAL CARE NURSING (RS3/RS4)

Q.P. CODE: 9642

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. Explain the physiological regulation of acid base balance in our body and differentiate between metabolic acidosis and respiratory acidosis.
2. Define ACLS. Describe the algorithm of ACLS used for a unconscious patient with no pulse and explain the drugs used during the resuscitation.
3. Enlist the causes of increased ICP and explain the medical management and role of critical care nurse in taking care of patient with increased ICP.
4. List the causes of UGI bleeding and describe the management of UGI bleeding in the critical care unit.
5. Explain care of a patient with Inter costal drainage.
6. Write a note on Central venous pressure monitoring.
7. Discuss the medicals nursing management of Retinal detachment.
8. Explain standard safety measures in critical care unit.

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Rajiv Gandhi University of Health Sciences, Karnataka

Second Year M.Sc. (Nursing) Degree Examination - 25-Nov-2020

[Time: 3 Hours]

[Max. Marks: 80]

CRITICAL CARE NURSING (RS3/RS4)

Q.P. CODE: 9642

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. Describe the concept and principles of critical care unit and explain physical set up of critical care unit to be operated at District Hospital.
2. Define Multi Organ Dysfunction Syndrome (MODS) and describe the collaborative management of patient with MODS.
3. Classify Dysrhythmias and describe the management of atrial fibrillation in detail.
4. Classify Shock and describe the role of a nurse in managing a patient with hypovolemic shock.
5. Explain the Legal issues in critical care nursing.
6. Explain in detail the management and complications of SIADH.
7. Discuss the Care of patient in persistent vegetative state.
8. Write in detail about disseminated intravascular coagulation.

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Rajiv Gandhi University of Health Sciences, Karnataka
Second Year M.Sc. (Nursing) Degree Examination - 04-Sep-2020

[Time: 3 Hours]

[Max. Marks: 80]

CRITICAL CARE NURSING
(RS3/RS4)

Q.P. CODE: 9642

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 renal failure.
 - b. Discuss treatment modalities of chronic renal failure.
 - c. Write a note on renal diet.
2.
 - a. Discuss principles and design of a critical care unit.
 - b. Write a note on equipments of critical care unit.
 - c. Explain the standard safety measures.
3.
 - a. Define acute pancreatitis.
 - b. Discuss pathophysiology of acute pancreatitis.
 - c. Explain management in detail.
4.
 - a. Discuss types of spinal cord injury.
 - b. Explain the nursing management of a spinal cord injury patient.
 - c. Discuss rehabilitation of quadriplegic patient.

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Bronchoscopy and nursing management.
6. Intra aortic balloon pump
7. Intra cranial pressure monitoring
8. Abdominal injuries.

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Rajiv Gandhi University of Health Sciences

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

[Time: 3 Hours]

[Max. Marks: 80]

Critical Care Nursing (Revised Scheme 3)

Q.P. CODE : 9642

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 causes of Myocardial Infarction.
 - b) Write the pathophysiology of myocardial infarction.
 - c) Write in detail about the 24hrs nursing management of patient with myocardial infarction.
(2+6+7=15 marks)
2.
 - a) What are the causes of cerebrovascular accident?
 - b) Explain the Glasgow-Coma-Scale.
 - c) Write in detail about the emergency management of patient with cerebrovascular accident.
(2+5+8=15 marks)
3.
 - a) What are the causes of COPD?
 - b) Write the pathophysiology of COPD.
 - c) Write the nursing management of patient with COPD by using nursing process.
(2+5+8=15 marks)
4.
 - a) Define peritonitis.
 - b) Explain the assessment findings of a patient with peritonitis.
 - c) Write in detail regarding the nursing management of a patient with peritonitis.
(2+5+8=15 marks)

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Management of patient with Hypovolemic shock
6. Management of thyrotoxicosis
7. Nursing care of patient with Bladder trauma
8. Describe the design of ICU / CCU

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Rajiv Gandhi University of Health Sciences
Second Year M.Sc (Nursing) Degree Examination - April/May
2016

[Time: 3 Hours]

[Max. Marks: 80]

Critical Care Nursing
(Revised Scheme 3)

Q.P. CODE : 9642

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) Write the causes of CCF.
 b) Detail the pathophysiology of Left Ventricular Failure (LVF).
 c) Explain the nursing management of patient with LVF. (2+6+7=15 marks)
2. a) List the causes of hepatic encephalopathy.
 b) Explain the signs and symptoms based on pathophysiological changes.
 c) Write the nursing management of patient with hepatic encephalopathy. (2+6+7=15 marks)
3. a) Define diabetes insipidus.
 b) Explain the signs and symptoms based on pathophysiological changes.
 c) Write the nursing management of patient with diabetes insipidus. (2+6+7=15 marks)
4. a) Define CRF.
 b) Explain the pathophysiology of CRF.
 c) Write the intra-dialytic nursing management of patient undergoing hemodialysis.
 (2+6+7=15 marks)

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Health education to a patient with permanent pacemaker
6. Rehabilitation of a patient with burns
7. Describe Pleural effusion
8. Explain Pulse oximetry

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Rajiv Gandhi University of Health Sciences
Second Year M.Sc (Nursing) Degree Examination - April/May
2016

[Time: 3 Hours]

[Max. Marks: 80]

Critical Care Nursing
(Revised Scheme 3)

Q.P. CODE : 9642

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) Write the causes of CCF.
 - b) Detail the pathophysiology of Left Ventricular Failure (LVF).
 - c) Explain the nursing management of patient with LVF. (2+6+7=15 marks)
2.
 - a) List the causes of hepatic encephalopathy.
 - b) Explain the signs and symptoms based on pathophysiological changes.
 - c) Write the nursing management of patient with hepatic encephalopathy. (2+6+7=15 marks)
3.
 - a) Define diabetes insipidus.
 - b) Explain the signs and symptoms based on pathophysiological changes.
 - c) Write the nursing management of patient with diabetes insipidus. (2+6+7=15 marks)
4.
 - a) Define CRF.
 - b) Explain the pathophysiology of CRF.
 - c) Write the intra-dialytic nursing management of patient undergoing hemodialysis. (2+6+7=15 marks)

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Health education to a patient with permanent pacemaker
6. Rehabilitation of a patient with burns
7. Describe Pleural effusion
8. Explain Pulse oximetry

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Rajiv Gandhi University of Health Sciences

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

[Time: 3 Hours]
80]

[Max. Marks:

Critical Care Nursing

(Revised Scheme 3)

Q.P. CODE : 9642

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 Central Venous Pressure (CVP) monitoring system.
b) What are the complications of CVP monitoring and the role of a nurse in prevention of these complications
2. a) Describe Anticoagulants
b) Explain the indications and contraindications to percutaneous coronary interventions
c) Explain Oxygen delivery systems
3. Mrs. 'X' , 58 years is diagnosed as stroke and is unable to maintain saturation and hence put on ventilator support
a) What is positive – pressure ventilation
b) Discuss the complications of mechanical ventilation
4. a) Define peritoneal dialysis and list the equipments needed for the procedure
b) Discuss the assessment and management of a patient on peritoneal dialysis

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Pain management
6. Malignant hypertension
7. Thyroid crisis
8. Qualities of a critical care nurse

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Rajiv Gandhi University of Health Sciences
Second Year M.Sc.(Nursing) Degree Examination - May 2014

[Time: 3 Hours]

[Max. Marks: 80]

Critical Care Nursing

(RS 3 & RS 4)

Q.P. CODE: 9642

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 is admitted with end-stage renal disease. Explain the treatment options available for Mr. Raju and discuss any one in detail
2. a) List any three indications for the following devices:
i) Mechanical ventilator
ii) Defibrillator
iii) Pacemaker
b) Discuss in detail the nursing care of patients with cardiac pacing
3. Define Glaucoma. Discuss the medical and surgical management of a patient with Glaucoma. Highlight the specific responsibilities of a nurse while caring for a patient with Glaucoma.
4. Define Myasthenia Gravis. Discuss in detail the etiology, clinical features, diagnostic tests and management of patient with Myasthenia Gravis with special focus on nursing responsibilities

SHORT NOTES (Answer any TWO)**2 X 10 = 20 Marks**

5. Septic shock
6. Standard safety measures in ICU
7. Fluid management in burns
8. Design of Coronary care unit

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Rajiv Gandhi University of Health Sciences

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

[Time: 3 Hours]

[Max. Marks: 80]

Critical Care Nursing (Revised Scheme 3)

Q.P. CODE : 9642

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

ANSWER THE FOLLOWING

4 X 15 = 60 Marks

1. Explain in detail the pharmacological and non-pharmacological measures of pain management. (7+8=15 marks)
2. Mr. Y is admitted to the CCU with the diagnosis of upper GI bleeding.
 - a) What are the causes of upper GI bleeding?
 - b) Explain the emergency management of Mr. Y. (7+8=15 marks)
3. Answer the following in relation to head injury:
 - a) Types of head injury
 - b) Explain the emergency management of patient with head injury. (5+10=15 marks)
4. Answer the following in relation to Disseminated Intravascular Coagulation (DIC):
 - a) Causes of DIC
 - b) Pathophysiology of DIC
 - c) Medical management for a patient with DIC (4+5+6=15 marks)

SHORT NOTES (Answer any TWO)

2 X 10 = 20 Marks

5. Explain the complications of burns
6. Role of nurse in care of patient with intercoastal drainage
7. Management of patient with Organo Phosphorus poisoning
8. Discuss Brain death

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