

**Rajiv Gandhi University of Health Sciences**  
Second Year M.Sc. (Nursing) Degree Examination - Nov 2012

[Time: 3 Hours]

[Max. Marks: 80]

**NURSING MANAGEMENT**

**(Revised Scheme 3)**

**Q.P. CODE : 9640**

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

**ANSWER THE FOLLOWING**

**4 X 15 = 60 Marks**

1. Discuss the current trends and issues in nursing administration and nursing education.
2. Explain the levels of curriculum planning and discuss your role as a principal in the curriculum planning of your institute.
3. What are the characteristics of an effective leader? Discuss and rationalize the leadership style likely to be adopted by you as a Nursing Superintendent of a hospital.
4. Explain the importance of quality assurance in nursing services.

**SHORT NOTES (Answer any TWO)**

**2 X 10 = 20 Marks**

5. Use of computers in hospital and community
6. Consumer protection Act
7. Disaster management
8. Principles and techniques of supervision

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Second Year M.Sc.(Nursing) Degree Examination - Nov 2012

[Time: 3 Hours]

[Max. Marks: 80]

**Cardio Vascular and Thoracic Nursing**

**(Revised Scheme 3)**

**Q.P. CODE : 9641**

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. Ramesh, 40 Yrs old is admitted with bronchiectasis
  - a) Define Bronchiectasis and explain the causes
  - b) Discuss the medical & nursing management of Mr. Ramesh
2. Mrs. Reshma aged 48 year is admitted to CCU with history of infective endocarditis
  - a) Define and classify infective endocarditis
  - b) Explain the pathophysiology and clinical manifestations
  - c) Discuss the nursing intervention for potential complications of infective endocarditis
3. Briefly explain:
  - a) Holter monitoring
  - b) Positron emission tomography
  - c) Pulse oximetry
4.
  - a) Define congenital cardiac diseases. Write the clinical manifestations of ventricular septal defect (V S D)
  - b) What is the surgical management of V S D
  - c) Develop health education plan for a client related to post operative home care

**SHORT NOTES (Answer any TWO)**

**2 X 10 = 20 Marks**

5. Incentive spirometry
6. Telemetric monitoring
7. Cardiopulmonary resuscitation
8. Pulmonary hygiene

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[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. Describe the nurse's role in mass casualty incidents and her role in Triage
2.
  - a) Describe cardiac assessment
  - b) Cardiac enzymes
3.
  - a) Describe the mechanism of spinal cord injury
  - b) Describe immediate nursing actions when the patient develops autonomic dysreflexia
4. Mrs. X aged 47 years is admitted with gastrointestinal bleeding to the intensive care unit
  - a) What are the common causes of acute gastrointestinal bleeding
  - b) Discuss the therapeutic interventions to control GI bleeding

**SHORT NOTES (Answer any TWO)**

**2 X 10 = 20 Marks**

5. Atrial Flutter
6. Role of a nurse in Central Venous Pressure Monitoring
7. Ventilator Modes
8. Tests to evaluate red blood cells

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[Time: 3 Hours]

[Max. Marks: 80]

**ONCOLOGY NURSING**

(Revised Scheme 3)

**Q.P. CODE: 9643**

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) How are cancer cells different from normal cell?
  - b) Describe primary and secondary levels of cancer prevention?
  - c) Discuss any one theory of carcinogenesis in detail
2. Mrs. Y 44 years is admitted with Adeno carcinoma of right breast?
  - a) What are the clinical features and diagnostic measures to identify carcinoma of breast?
  - b) What are the treatment options and reconstructive surgical options available for carcinoma breast?
  - c) Prepare a nursing care plan for Mrs. Y?
3.
  - a) TNM classification of carcinogenesis
  - b) Hormonal therapy in treatment of prostate cancer
  - c) Stem cell transplantation
4.
  - a) Explain the etiology and pathophysiology of colon cancer?
  - b) Discuss the treatment modalities. Explain the nursing care plan of a patient with colostomy

**SHORT NOTES (Answer any TWO)**

**2 X 10 = 20 Marks**

5. Complications associated with radiation therapy?
6. Diagnostic methods for early detection of cervical cancer?
7. Bone marrow transplantation?
8. Pheochromocytoma

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[Max. Marks: 80]

**NEURO SCIENCES NURSING**

(Revised Scheme 3)

**Q.P. CODE : 9644**

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 your role as a nurse in maintaining nursing audit in your unit  
b) Plan for an in – service education for 20 staff nurses
2. a) Discuss the clinical features in Bell's palsy  
b) Prepare an exercise schedule for a patient with Bells palsy
3. a) Explain the clinical features and medical management of a client with status epilepticus  
b) Write the immediate management of a client with seizures
4. a) Prepare a nutritional plan for a client with severe muscle wasting and diagnosed to have parkinsonism

**SHORT NOTES (Answer any TWO)**

**2 X 10 = 20 Marks**

5. Discuss the assessment and management of clients with increased intracranial pressure
6. a) What are the different types of brain tumors  
b) Explain the pathophysiological changes in brain tumor
7. a) List the different diagnostic tests used in neuroscience and the role of a nurse during the various diagnostic tests
8. Enumerate the risk factors leading to neurological conditions

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[Time: 3 Hours]

[Max. Marks: 80]

**MEDICAL – SURGICAL NURSING**  
**NEPHRO – UROLOGY NURSING**

**(Revised Scheme 3)**

**Q.P. CODE: 9645**

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. X, 32 years old is admitted with chronic Glomerulonephritis
  - a) Define Glomerulonephritis
  - b) Describe pathophysiology and manifestation of Glomerulonephritis
  - c) Write Nursing management of a patient with Glomerulonephritis
2.
  - a) Explain the phases of acute renal failure
  - b) Discuss the medical and nursing management of a patient with acute renal failure
3.
  - a) Write the indication for urinary diversion
  - b) Write management for a patient with urinary diversion
4.
  - a) Explain the pathophysiology and manifestation of nephrotic syndrome
  - b) Explain the medical and nursing management of a patient with nephrotic syndrome

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

5. Urinary incontinence
6. Complications of peritoneal dialysis
7. Lithotripsy
8. Neurogenic bladder

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[Time: 3 Hours]

[Max. Marks: 80]

**MEDICAL SURGICAL NURSING – II**  
**ORTHOPAEDIC NURSING**

**(Revised Scheme 3)**

**Q.P. CODE : 9646**

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. Vasu had a crush injury and had undergone an amputation of his right leg.
  - a) Define amputation
  - b) List the complication of an amputation
  - c) Explain the components of neurovascular assessment
  - d) Discuss the care of Mr. Vasu based on three prioritized diagnosis
2. Define scurvy and discuss it in relation to its aetiology, pathophysiology, clinical features and management
3. Distinguish between a Benign and Malignant bone tumour. Discuss different modalities of treatment for bone tumours
4. Mrs. Leela was admitted to the orthopaedic unit with lower back pain and was placed on skin traction
  - a) Define traction
  - b) Enumerate the indications for traction
  - c) Discuss the role of a nurse in taking care of patient with traction

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

5. Correlate pathophysiological changes with clinical features of a patient with arthritis
6. Types of braces and splints with its uses
7. Drugs used in Gout
8. Factors promoting bone healing

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[Time: 3 Hours]

[Max. Marks: 80]

**GASTRO ENTEROLOGY NURSING**  
**(Revised Scheme 3)**

**Q.P. CODE: 9647**

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 portal Hypertension
  - b) Discuss the pathophysiology of portal Hypertension
  - c) Explain the management of a patient with portal Hypertension
  
2.
  - a) Define diverticulosis
  - b) Write pathophysiology of diverticulosis
  - c) Write the diagnostic studies and management of diverticulosis
  
3.
  - a) Explain the difference between gastric and duodenal ulcers
  - b) Discuss different surgical procedures for peptic ulcer
  
4.
  - a) Define ulcerative colitis
  - b) Explain the pathophysiology and clinical manifestation of ulcerative colitis
  - c) Write in detail about the complications and management of ulcerative colitis

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

5. Hepatitis A
6. Chronic pancreatitis
7. Esophageal varices
8. Management of a patient with cholelithiasis

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**OBSTETRICS AND GYNECOLOGICAL NURSING - II**  
**(Revised Scheme 3)**

**Q.P. CODE: 9648**

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 abruptio placenta  
b) Mention the varieties of abruptio placenta  
c) Explain the management of abruptio placenta
2. a) Explain the principle applied in organizing obstetric and gynaecological nursing care unit  
b) List down the standard safety measures used for obstetrics and gynaecological nursing care unit
3. Mrs. Sakshi age 30 year 2<sup>nd</sup> gravid came with pre-term labour at 33 weeks and she is HIV positive  
a) How will you manage pre-term labour  
b) What standard safety measures to be followed while caring for HIV positive mother
4. Explain the effect of cardiac disorders in pregnancy and management of mother with cardiac disease during labour

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

5. Vacuum extraction
6. Menstrual irregularities
7. Uterine malformation
8. TORCH infections during pregnancy

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[Time: 3 Hours]

[Max. Marks: 80]

**NURSING SPECIALITY – II CHILD HEALTH NURSING**

**(RS 3 & RS 4)**

**Q.P. CODE: 9649**

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) Enumerate the types etiology, and clinical manifestations of intestinal obstruction  
b) Discuss the pre and post operative nursing management of intestinal obstruction  
c) Explain health education to mother regarding colostomy care at home
  
2. As a nurse educator, plan for in service education programme for paediatric nurses regarding nutritional deficiency in children
  
3. a) List out the common behavioral problem in children and describe their management according to their age  
b) Discuss conduct disorder
  
4. Explain the following
  - a) Monitoring of critically ill child
  - b) Nutritional needs of critically ill child
  - c) Importance of documentation in paediatric unit

**SHORT NOTES (Answer any TWO)**

**2 X 10 = 20 Marks**

5. Foreign body obstruction
6. Rheumatic fever in children
7. Ophthalmia neonatorum
8. Trends in paediatric nursing

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[Time: 3 Hours]

[Max. Marks: 80]

**PSYCHIATRIC (MENTAL HEALTH) NURSING**

**(Revised Scheme 3)**

**Q.P. CODE: 9650**

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

**ANSWER THE FOLLOWING**

**4 X 15 = 60 Marks**

1. Describe crisis situations? Discuss the role of nurse in crisis intervention
2. Discuss the causes and management of Dementia.
3. Discuss specific problems of adolescents in relation to mental health and specify the role of nurse in such problems.
4. Trace developments in community mental health nursing.

**SHORT NOTES (Answer any TWO)**

**2 X 10 = 20 Marks**

5. Define counseling. Classify the types that psychiatric nurses are involved in.
6. Discuss Quality assurance in nursing.
7. Discuss adjustment and impulse control disorders in terms of treatment and nursing management.
8. Discuss psychological problems of individuals with HIV / AIDS.

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[Max. Marks: 80]

**COMMUNITY HEALTH NURSING - II**

**(RS 3 & RS 4)**

**Q.P. CODE: 9651**

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

**ANSWER THE FOLLOWING**

**4 X 15 = 60 Marks**

1. For uplift the rural community what administrative set up was planned in the 12<sup>th</sup> five year plan? Discuss these national programmes in detail
2. a) Write the concept, scope & style of supervision in community health nursing.  
b) Explain the factors that influence the supervision styles in monitoring the performance of staffs at primary health centre
3. a) Explain global health  
b) Discuss in detail the role of international health agencies in controlling & prevention of disease spread
4. a) Define ergonomics.  
b) As a community health nurse what general measures will you plan and adopt to prevent and control accidents of factory workers.  
c) List the rehabilitation measures for the injured workers

**SHORT ESSAY (Answer any TWO)**

**2 X 10 = 20 Marks**

5. Steps in development of protocols & procedures in community health programme
6. Common abuses to elderly & its preventive measures
7. Trends & issues in mental health aspect in our country
8. Revised national TB control programme

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