Rajiv Gandhi University of Health Sciences

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

[Time: 3 Hours] [Max. Marks: 80]

PAEDIATRIC NURSING – II

(Revised Scheme)

Q.P. CODE: 8418

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

ANSWER THE FOLLOWING **4 X 15 = 60 Marks**

1.
   a) Describe the causes and clinical features of pneumonia
   b) Develop a nursing care plan with six nursing diagnosis for the four year old boy with pneumonia.

   (7+8 = 15 marks)

2.
   a) How do you assess a newborn soon after the birth?
   b) Explain the immediate adjustment of a newborn after the birth **(15 marks)**

3.
   a) Enumerate the Diseases of gastro intestinal system
   b) Discuss the pre and post operative nursing management of a nine year old girl with Hirschsprung's disease.

   (7+8 = 15 marks)

4. What are the points to be considered to design a Neonatal Intensive care Unit? Prepare a design of 20 bedded NICU

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

5. Nursing care of mentally challenged children

6. Conduct disorders among children

7. Importance of research in pediatric nursing

8. In-service education needs for pediatric nurses.

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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]

ADMINISTRATION & NURSING ADMINISTRATION

(Revised Scheme 2)

Q.P. CODE: 9613

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

LONG ESSAY **4 X 15 = 60 Marks**

1. a) Discuss the characteristics of good organization chart. (5 marks)
   b) Prepare an organization chart of Nursing Service Administration of your hospital showing the communication channels. (10 marks)
2. a) Define nursing audit. (3 marks)
   b) Explain internal and external audit. (5 marks)
   c) Describe the steps of auditing process. (7 marks)
3. a) Define budget. (3 marks)
   b) Explain the role of Nursing Superintendent in Budget-planning, preparation and execution. (12 marks)
4. a) Define supervision. (3 marks)
   b) Explain in detail principles and techniques of supervision. (12 marks)

SHORT ESSAY **2 X 10 = 20 Marks**

5. Job description of Staff nurse and Clinical instructor

6 Cost analysis in Hospital administration

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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]

MEDICAL SURGICAL NURSING II

CORONARY NURSING & CARDIOTHORACIC NURSING

(Revised Scheme 2)

Q.P. CODE: 9614

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

LONG ESSAY **4 X 15 = 60 Marks**

1. a) Define Heart failure.
   b) Explain the different types, pathophysiology of heart failure.
   c) Discuss in detail about management of patient with total heart failure. (2+5+8)
2. a) Define bronchial asthma.
   b) Write in detail about clinical manifestations and pathophysiology of bronchial asthma.
   c) Discuss in detail about management of patient with bronchial asthma. (2+5+8)
3. a) Classify the congenital heart diseases in detail.
   b) Discuss the nursing management of patient undergoing valve replacement surgery. (5+10)
4. a) Define hypertension.
   b) Explain the various types and pathophysiology of hypertension.
   c) Explain in detail about management of the patient with hypertension. (2+6+7)

SHORT ESSAY (Answer any two) **2 X 10 = 20 Marks**

5. Explain the Anti Thrombolytic agents.
6. Discuss about Post-operative care of patient with CABG.
7. Describe Lung abscess.
8. Explain Electro Cardio Gram (ECG).

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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]

MEDICAL SURGICAL NURSING II
UROLOGY & RENAL NURSING
(Revised Scheme 2)

Q.P. CODE: 9615

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

LONG ESSAY **4 X 15 = 60 Marks**

1. a) Classify congenital anomalies of bladder, ureter and urethra. (6+9)
   b) Discuss the management of patient with congenital anomalies.
2. Mrs. Rani 45 years old is admitted to the renal unit with complaints of Anuria, fatigue, generalized edema and is diagnosed to have renal failure. (2+4+9)
   a) Define chronic renal failure.
   b) State the causes and clinical manifestations of chronic renal failure.
   c) Discuss the medical and nursing management of Mrs. Rani.
3. a) Enumerate criteria for selection of donor for renal transplantation. (2+4+9)
   b) Discuss selection and preparation of recipient for transplantation.
   c) Explain the post-operative management of a patient undergone renal transplantation for the first 48 hours.
4. Mr. Rajan 47 years old is admitted to the ward with severe pain and is diagnosed to have renal calculi. (4+2+9)
   a) Classify renal calculi, etiology and clinical features of renal calculi.
   b) Explain 'Flush therapy'.
   c) State Five priority nursing diagnosis and their nursing interventions for Mr. Rajan who has undergone nephrotomy.

SHORT ESSAY **2 X 10 = 20 Marks**

5. Care of urinary drainage
6. Neurogenic bladder

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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]

MEDICAL SURGICAL NURSING II

Orthopaedic & Rehabilitation Nursing

(Revised Scheme 2)

Q.P. CODE: 9616

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

LONG ESSAY **4 X 15 = 60 Marks**

1. a) Define and discuss the etiology and clinical features of Rheumatoid Arthritis. (5+10)
   b) Explain the management of Rheumatoid Arthritis in detail.
2. a) Explain in detail about the Orthopaedic assessment. (7+8)
   b) Discuss the various diagnostic studies used in Orthopaedics.
3. a) Define Amputation and explain the types. (5+10)
   b) Describe the nursing care of patient with Below Knee Amputation.
4. a) Explain the etiology and clinical features of Fracture Spine. (5+10)
   b) Write in detail regarding the care of patient with Quadriplegia including rehabilitation.

SHORT ESSAY **2 X 10 = 20 Marks**

5. Hypervitaminosis
6. Osteomalacia

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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]

MEDICAL SURGICAL NURSING II

Neurology & Neuro – Surgical Nursing

(Revised Scheme 2)

Q.P. CODE: 9617

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

LONG ESSAY **4 X 15 = 60 Marks**

1. Mr. Raghu is admitted with history of headache, pyrexia and was diagnosed to have meningitis
   a) Explain the pathophysiological changes and clinical manifestations of meningitis
   b) Write the nursing management of Mr. Raghu
2. Classify cerebral hematomas. Discuss the nursing care of patient with intracerebral hematoma
3. Explain the mechanism of spinal cord injury. Discuss the role of a nurse in the management of patient with spinal cord injury
4. Mr. Lokesh is admitted with pituitary adenoma and posted for transphenoidal hyopophysectomy
   a) Explain the causes and clinical manifestation of pituitary adenoma
   b) Write the post operative nursing management for this patient

SHORT ESSAY (any two) **2 X 10 = 20 Marks**

5. Spina bifida
6. Rehabilitation of patient with neurogenic bladder
7. Guillain – Barre syndrome
8. Pain assessment

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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]

MEDICAL SURGICAL NURSING II

Oncology Nursing

(Revised Scheme 2)

Q.P. CODE: 9618

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

LONG ESSAYS **4 x 15 = 60 Marks**

1. a) Classify chemotherapeutic drugs.
   b) Discuss the nursing management of a client on chemotherapy. (5+10)
2. Discuss the rehabilitation of a client with laryngectomy.
3. a) Explain the types of bone marrow transplantation.
   b) Explain the nurse's role in managing a client who has undergone bone marrow transplantation. (6+9)
4. a) Describe the types of lung cancer.
   b) Explain the staging of lung cancer. (7+8)

SHORT ESSAYS (Answer any two) **2 x 10 = 20 Marks**

5. Neck dissection procedures and management
6. Stages of dying
7. Assessment of patients with oral cancer
8. Clinical features of multiple myeloma

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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]

COMMUNITY HEALTH NURSING II

(Revised Scheme 2)

Q.P. CODE: 9619

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

LONG ESSAY **4 X 15 = 60 Marks**

1. a) Define Geriatric Nursing. (2+5+8)
   b) What are the issues and problems of elderly person?
   c) Role of community health nurse in Geriatric care
2. As a Public health nurse, how will you manage manpower for pulse polio programme?
3. a) List-out various Community Health assessment tools. (3+12)
   b) Prepare a health assessment tool for the family.
4. a) Define Community Mental health programme. (2+13)
   b) As a Community health nurse how will you co-ordinate with a family having mentally retarded child?

SHORT ESSAY (Answer any two) **2 X 10 = 20 Marks**

5. Role of community health nurse in promoting environmental sanitation
6. Briefly explain the models of quality assurance in community health nursing.
7. Records and reports maintained in PHC and its importance
8. Distinguish between Data and Information.

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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]

PAEDIATRIC NURSING – II

(Revised Schemes – 2)

Q.P. CODE: 9620

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

LONG ESSAY **4 X 15 = 60 Marks**

1. Master Sharath aged 2 years admitted in the Paediatric ward with diagnosis of Hydrocephalus.
   a) Discuss the clinical manifestations and diagnostic evaluation of Hydrocephalus.
   b) Explain the treatment modalities and nursing management of this child. (5+10)
2. A newborn child has not passed meconium even after 24 hours. On examination, child has developed abnormal distention and was diagnosed as Hirschsprung's disease.
   a) Describe the pathophysiology and immediate treatment modalities of the disease condition.
   b) Explain the health education of the family members on home care management of the child. (12+3)
3. Explain the roles and responsibilities of nursing superintendent in organizing and management of nursing services in NICU.
4. Describe briefly about the different neonatal infections. As a nurse of delivery room, what are the preventive measures you would undertake in prevention of those infections?

SHORT ESSAY **2 X 10 = 20 Marks**

5. Discuss the conduct disorders in children.
6. Explain the standard of Pediatric Nursing Care.

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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]

NURSING SPECIALITY - II

PRACTICE OF PSYCHIATRIC NURSING II

(Revised Scheme 2)

Q.P. CODE: 9621

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

LONG ESSAY **4 X 15 = 60 Marks**

1. Keeping in view the Magnitude of Mental health problems, critically evaluate the adequacy of the existing Mental Health Services in our country.
2. a) Define Mental retardation.
   b) Classify and explain the causes of Mental retardation.
   c) Discuss nursing management of child with Mental retardation. (2+6+7)
3. Explain the role of Nurse in Community mental health programme.
4. a) Define mood disorders.
   b) List-down the causes and clinical manifestation of Mania.
   c) Explain the Nursing management of Patient with Mania. (2+6+7)

SHORT ESSAY (Answer any Two) **2 X 10 = 20 Marks**

5. Dementia
6. Paranoid Schizophrenia
7. Explain Historical development of Psychiatry.
8. Psychosocial problems of Geriatrics

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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]

OBSTETRICS AND GYNAECOLOGICAL NURSING II

(Revised Scheme 2)

Q.P. CODE: 9622

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

LONG ESSAY (Answer all the questions) **4 X 15 = 60 Marks**

1. a) Define high-risk pregnancy and high-risk approach.
   b) Explain the concepts, goals in screening high-risk pregnancy.
   c) Explain the management of mothers with high-risk pregnancy.
2. a) Define the psychiatric illness in postpartum.
   b) List the causes, risk factors and diagnosis of psychological complications.
   c) Describe the nursing and medical management of psychiatric illness in postpartum.
3. Explain the role of independent nurse midwife in management of high-risk newborn.
4. Explain organization and management of obstetric nursing care unit.

SHORT ESSAY (Answer any Two) **2 X 10 = 20 Marks**

5. Illustrate causes, and management of mother in labour with deep transverse arrest.
6. Explain the uses of oxytocics and tocolytics in obstetric nursing.
7. Interpret the legal and ethical issues in obstetrics and gynecological nursing.
8. Explain the role of midwifery practitioner in management of placenta praevia.

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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]

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. a) Define quality assurance. (3 marks)
   b) Explain the different tools and techniques used for the performance appraisal of the nursing staff. (12 marks)
2. a) Define Law and ethics. (5 marks)
   b) Explain common legal issues in nursing practice. (10 marks)
3. a) Discuss the significance of communication in nursing administration. (7 marks)
   b) How do you maintain effective communication? (8 marks)
4. a) Decision-making is the essence of administration and supervision. Explain with examples from nursing. (7 marks)
   b) Explain the steps you will keep in mind while making decision for any two of the nursing situation. (8 marks)

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

5. Discuss the leadership styles in nursing service administration.
6. Activity analysis
7. Conflict resolution
8. Inventory control

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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]

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. M, aged 58 years, is admitted in respiratory ward and is diagnosed as Chronic Obstructive Pulmonary Disease (COPD). (2+6+7)
   a) Define COPD.
   b) Explain the pathophysiological basis of signs and symptoms of Mr. M with COPD.
   c) Discuss in detail regarding management of Mr. M with COPD.
2. a) Define Arrhythmias. (2+6+7)
   b) Explain the different types and causes of arrhythmias.
   c) Discuss in detail about management of patient with arrhythmias.
3. Explain in detail about the etiology, pathophysiology, clinical features and management of Congestive Cardiac Failure.
4. a) Define Pulmonary Tuberculosis. (2+6+7)
   b) Explain the clinical manifestations and pathophysiology of Pulmonary Tuberculosis.
   c) Explain in detail about management of the patient with Pulmonary Tuberculosis.

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

5. Discuss Central Venous Pressure Monitoring.
6. Explain Anti Arrhythmic Drugs.
7. Describe Pulmonary function test.
8. Explain Cardio Pulmonary Resuscitation (CPR).

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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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Rajiv Gandhi University of Health Sciences

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

[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) List the effects of cancer on nutritional status of a patient with cancer.
   b) Discuss the theories of carcinogenesis in brief. (7+8)
2. a) Differentiate between Benign and malignant tumors.
   b) List the warning signs of cancer.
   c) Explain in brief the various modalities of treatment for cancer. (5+5+5)
3. Mrs. Y is posted for radical mastectomy.
   a) Explain the pre and postoperative preparation of Mrs. Y.
   b) Discuss the postoperative nursing management including follow-up and exercises for Mrs. Y. (5+10)
4. a) Discuss pathophysiology of pain.
   b) Explain the principles of cancer pain control.
   c) Describe the patient controlled analgesia and invasive techniques of pain control. (5+5+5)

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

5. Complications of radiotherapy
6. TNM classification
7. Classification of chemotherapeutic drugs
8. Role of a nurse in palliative care

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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]

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) Define parkinson's disease & list the causes of parkinson's disease
   b) List the clinical manifestation and describe the pharmacological management of parkinson's disease
2. a) Define spinal cord injury & list the causes of spinal cord injury
   b) Describe the nursing management of a patient with spinal cord injury
3. a) Define cephalgia
   b) List the types of cephalgia
   c) Describe the nursing management of a patient with cephalgia
4. a) Define encephalitis
   b) List the causes of encephalitis
   c) Describe the nursing management of a patient with encephalitis

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

5. Glasgow coma scale
6. Bell's palsy
7. Role of advanced practitioner in neurological nursing
8. Sleep disorders

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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]

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. a) Explain the pathophysiological basis of signs and symptoms in a client with Acute Renal Failure (ARF).
   b) List the common complications of haemodialysis.
   c) Explain the role of nurse in preventing and managing the complications. (5+5+5)
2. a) Explain the pathophysiological basis of signs and symptoms in a client with nephrotic syndrome.
   b) Explain the medical and nursing management for a client with nephrotic syndrome. (6+9)
3. a) List the indications and contraindications for renal transplantation.
   b) Explain the role of a nurse in management and prevention of post-renal transplantation complications. (6+9)
4. a) List the renal emergencies.
   b) Explain the role of the nurse in management of renal emergencies. (5+10)

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

5. Rehabilitation of patient after urinary diversions
6. Nursing audit in dialysis unit
7. Prevention and management of urinary tract infection
8. Various modalities of management in Benign prostatic hyperplasia

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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]

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. a) Define comfort devices and describe the purposes. (7+8)
   b) Briefly explain the various types of comfort devices used in Orthopedics.
2. a) Explain the indication of Shoulder replacement surgery. (5+10)
   b) Discuss the role of nurse in pre and postoperative care of a patient undergoing shoulder replacement surgery.
3. a) Define Fracture and describe the clinical features in detail. (4+4+7)
   b) Classify the various types of Fracture.
   c) Discuss the management of client with Right tibial fracture.
4. a) Define Chest physiotherapy. (2+4+9)
   b) List the indications and purposes of Chest physiotherapy
   c) Discuss the Chest physiotherapy procedure in detail.

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

5. Gout
6. Legal and ethical aspects in Orthopedics
7. Nurses role in Genetic Counselling
8. Spine surgeries

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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]

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) What is Hepatitis
   b) Explain the pathophysiology and clinical manifestations of Hepatitis
   c) Explain the complications and nursing management of Hepatitis
2. a) List the types of colostomy
   b) Write in detail the nursing management of a patient with colostomy
3. a) Define gastric cancer
   b) Explain the etiology and clinical manifestations of gastric cancer
   c) Write in detail about the management of patient with gastric cancer
4. a) Define hiatus hernia
   b) Explain the etiology and clinical manifestation of hiatus hernia
   c) Explain the management of a patient with hiatus hernia

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

5. Congenital anomalies of esophagus
6. Managements of a patient with diarrhea
7. Malnutrition
8. Fissures

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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]

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.

LONG ESSAY (ANSWER ALL THE QUESTIONS) **4 X 15 = 60 Marks**

1. a) Define HELLP syndrome.
   b) Describe the causes and pathophysiology of severe pre-eclampsia.
   c) Explain the management of mother in active labour with eclampsia. (2+7+6 = 15 marks)
2. a) Define gestational diabetes mellitus (GDM).
   b) Describe the causes and diagnosis of gestational diabetes mellitus.
   c) Explain the management of mother with GDM with two prioritized Nursing Diagnosis using nursing process approach. (2+6+7 = 15 marks)
3. Design a layout of obstetrics and gynecology unit and develop practical standards for these units. (15 marks)
4. a) What is mean by high-risk newborn?
   b) Outline the causes of high risk new born.
   c) Explain organization and management of neonatal care and, services in NICU.
   (2+5+8 = 15 marks)

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

5. Explain the types and causes of abortion.
6. Explain the cause, risk factors and management of breast cancer.
7. Discuss the clinical manifestation and comprehensive plan of management of HIV patient.
8. Explain about vaccum delivery.

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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]

PAEDIATRIC NURSING (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. Baby Seema, 6 year old admitted to the paediatric medical ward with the complaints of wheezing, cough and dyspnoea and was diagnosed as having bronchial asthma considering the situation, answer the following questions:
   a) Explain clinical features of bronchial asthma based on pathophysiological changes.
   b) Describe medical and nursing management of Baby Seema.
2. Baby of Shantha 2 days old male neonate admitted to the paediatric ward with myelomeningocele and the neonate is posted for surgery. Considering the situation, answer the following questions:
   a) Explain how will you prepare the child and family for the surgery.
   b) Describe the preoperative care of neonate with myelomeningocele.
   c) Explain the post-operative nursing care and long term care of child with myelomeningocele
3. a) Who is critically ill child?
   b) Explain the nutritional needs of critically ill child.
   c) Discuss legal and ethical issues in paediatric intensive care unit.
4. Explain the therapeutic and nursing management of a child with cerebral palsy.

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

5. Documentation in paediatric care unit
6. Neonatal haemolytic disease
7. Nursing management of Toddler with 50% burns
8. Care of a child with attention deficit hyperactivity disorders

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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]

PSYCHIATRIC (MENTAL HEALTH) NURSING

(RS 3 & RS 4)

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. Mr. X has experienced the loss of his only child 2 yrs old. He is currently showing signs of depression:
   a) Discuss the grief process
   b) Discuss the nursing care of this client

2. a) Discuss the types of anxiety disorders
   b) Compare and contrast their clinical features
   c) Discuss the management of clients with anxiety disorders.
3. Discuss the role on the nurse in community mental health nursing
4. Discuss the vulnerable groups for problems related to abuse and neglect discuss the predisposing factors and the nurses role

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

5. Discuss the principles of psychiatric nursing with examples
6. Discuss nursing management of client who is alcohol withdrawal
7. Discuss the epidemiology of somatoform disorders and its treatment modalities
8. Design the layout and plan the staffing of a 40 bedded psychiatric unit in the general hospital

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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]

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. a) Explain major health problems in India with recent statistics.
   b) Write the role & responsibilities of community health nurse in organizing RCH programme in a given community
2. a) Define Quality Assurance.
   b) Mention importance of quality assurance in the community health nursing practice.
   c) Discuss the role of a community in the quality assurance program
3. "Improving life expectancy" is one of the goal of health for all-this target is achieved in our country". Discuss old age problems and critique on services and social protective measures available in our country for old age people
4. List various occupational hazards. Write role of public health nurse in prevention of occupational hazards & promotion of health of employees

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

5. NRHM
6. Role of international health agencies in solving health problems
7. Define Rehabilitation & Discuss on vocational rehabilitation
8. Guidance & counseling services to school children

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Rajiv Gandhi University of Health Sciences

Second Year M.Sc [Radiation Physics] Degree Examination – Nov 2014

[Time: 3 Hours] [Max. Marks: 100]

ADVANCED CLINICAL RADIATION ONCOLOGY

Q.P. CODE: 9808

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

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss physical and technical consideration for Total Body Irradiation (photon and electron) in radiotherapy.
2. a) Discuss various treatment modes available in teletherapy.
   b) Discuss photon and electron ARC therapy.

SHORT ESSAY **6 X 10 =60 Marks**

3. Compare LDR and HDR Brachytherapy in terms of source and treatment characteristics along with radiation safety.
4. a) What is image registration? How is it useful in radiotherapy planning?
   b) Discuss the role of imaging in Brachytherapy Dosimetry.
5. a) Discuss essential quality assurance tests performed on multi leaf collimator.
   b) What are patient specific quality assurance tests? How are they carried out?
6. a) Discuss: intra operative Brachytherapy with examples.
   b) Compare LDR and HDR as a treatment modality.
7. Discuss computerized planning for Brachytherapy. What are the limitations of manual Dosimetry?
8. Discuss the use of electronic portal imager in radiotherapy.

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