Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. (Nursing - Basic) Degree Examination – Feb/March 2011

Time: Three Hours | Max. Marks: 80 Marks

PHARMACOLOGY (Revised Scheme)

Q.P. CODE: 1684

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Classify local anesthetics. Describe the mechanism of action, adverse effects and therapeutic uses of Lignocaine
2. Classify Non steroidal anti – inflammatory drugs. Describe the mechanism of action, adverse effects and therapeutic uses of Aspirin
3. Enumerate antitubercular drugs. Write the mechanism of action. Adverse effects and therapeutic uses Rifampicin

SHORT ESSAYS 8 x 5 = 40 Marks

4. Oral anticoagulants
5. Drug synergism
6. Antiemetics
7. Principles of management of diarrhea
8. Vitamin D
9. Co-Trimoxazole
10. Zidovudine
11. Cyclosporine

SHORT ANSWERS 10 x 2 = 20 Marks

12. Name two non sedative antihistamines and two uses
13. Mention four adverse effects of Atropine
14. Name two alpha blockers and two uses
15 Adrenaline is administered in anaphylactic shock. Explain
16. What is teratogenicity? Give two examples
17. What is prodrug? Give two examples
18. Doxycyline ispreferred to tetracycline in patients with renal insufficiency. Why?
19. Name four adverse effects of Chloramphenicol
20. Name two aminoglycosides and their two uses
21. Name four antiseptic and disinfectants

Rajiv Gandhi University of Health Sciences, Karnataka

*****

Second year B.Sc. Nursing Degree Examination – Feb/March 2011

Time: Three Hours | Max. Marks: 75 Marks

SOCIOLOGY (RS–2 & RS -3)

Q.P. CODE: 1760

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Define social change. Explain the factors of social change
2. Define family. Explain the functions of family
3. Discuss the merits and demerits of caste system in India

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Agents of socialization
5. Causes of personal disorganization
6. Influence of culture in socialization
7. Importance of heredity and environment. Give examples
8. Different forms of marriage
9. Explain social mobility
10. Importance features of primary races
11. How has technology brought changes?
12. Industrialization and its effects of health

SHORT ANSWERS 10 x 2 = 20 Marks

13. Mention any change in health caused by education
14. Its effects of illiteracy on health
15. Customs and disease
16. Life style and diseases
17. Fraternal polyandry
18. Substance abuse
19. Isolation
20. Malthusian theory
21. Social pathology
22. Social system

*****

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. Nursing Degree Examination – Feb/March 2011

Time: Three Hours | Max. Marks: 75 Marks

COMMUNICATION AND EDUCATIONAL TECHNOLOGY
(RS–2 & RS-3)

Q.P. CODE: 1765

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. a) Define communication
   b) Narrate the steps of communication process
   c) List the barriers of communication
2. a) Mention types of A.V. Aids
   b) Explain in detail the graphic Aids
3. a) List the various teaching methods used in clinical area
   b) Explain in detail the bed side clinic

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Microteaching
5. Observation check list
6. Maxims of teaching
7. Types of counselling approaches
8. Advantages of essay type questions
9. Group health education
10. Vision and mission of nursing education
11. Discussion method
12. Attitude scales

SHORT ANSWERS 10 x 2 = 20 Marks

13. Elements of communication
14. Nursing rounds
15. Exhibition
16. Steps of lesson plan
17. Checklist
18. Computer
19. Tools of counselor
20. Process recording
21. Objective structured clinical examination
22. Johari window

*****

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. (Nursing - Basic) Degree Examination – Feb/March 2011

Time: Three Hours | Max. Marks: 80 Marks

GROWTH & DEVELOPMENT INCLUDING NUTRITION
(Revised Scheme)

Q.P. CODE: 1687

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Highlight the need for studying growth and development. Discuss the principles of growth and development
2. What are the steps to be followed when you plan balanced diet? Prepare a diet plan for a pregnant women
3. Discuss the role of nurse in the care of newborn immediately after birth

SHORT ESSAYS (Answer any Eight) 8 x 5 = 40 Marks

4. Marital adjustment
5. Health needs of elderly
6. Prevention of accidents among children
7. Embryonic development
8. Immunization schedule
9. Factors influencing food habits and selection
10. Assessment of malnutrition
11. Anthropometric measurements
12. Gestational assessment
13. Food preservation

SHORT ANSWERS 10 x 2 = 20 Marks

14. Sensorimotor stage
15 HbF
16. Tempertantrum
17. Masturbation
18. Body image
19. Recreational interest of adolescence
20. Vaccine against chicken pox and the dosage
21. Rickets
22. Family
23. Sources of vit A

*****

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. Nursing Degree Examination – Feb/March 2011

Time: Three Hours | Max. Marks: 75 Marks

COMMUNITY HEALTH NURSING – I
(RS–2 & RS-3)

Q.P. CODE: 1764

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Describe the determinants of health.
2. Discuss the different levels of prevention.
3. a) Explain the epidemiology of poliomyelitis b) Discuss the control and preventive measures of polio c) Measures for polio eradication.

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Explain the rapid sand filtration method.
5. Cold chain.
6. Epidemiological triad.
7. Oral rehydration therapy.
8. Protein energy malnutrition.
9. Intra uterine devices.
10. Population explosion.
11. Sanitary well.
12. Influenza.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Quarantine.
14. Promotion of health.
15. Couple protection rate.
16. Safe period.
17. Pasteurization.
18. Vitamin ‘A’ prophylaxis.
19. Mantoux test.
20. Chemoprophylaxis.
21. Herd immunity.
22. Obesity.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. (Nursing - Basic) Degree Examination – Feb/March 2011

Time: Three Hours | Max. Marks: 80 Marks

COMMUNITY HEALTH NURSING – I
(Revised Scheme)

Q.P. CODE: 1686

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Write the importance of personal hygiene. Describe the promotional measures of personal and mental health
2. Explain the concepts, principles and steps of home visit with reference to community health services
3. Explain about the role of a nurse in bringing down the maternal and child mortality and morbidity rates

SHORT ESSAYS (Answer any Eight) 8 x 5 = 40 Marks

4. Justify family as a unit of health service
5. Demographic trends in India
6. Net reproduction rate
7. Principles of records and reports
8. Role of a nurse in sex education
9. Principles and uses of community health nursing bag
10. Antenatal advise & care
11. Importance of rest and sleep
12. Primary health care
13. Tools & techniques for data collection

SHORT ANSWERS 10 x 2 = 20 Marks

14. Complementary feeding
15 Objectives of family health care
16. Aims of RCH programme
17. Limitation of births
18. Interpersonal relations
19. Early expanding (demographic cycle)
20. Indicators of MCH services
21. Optimum health
22. Define family planning
23. Census

*****

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. Nursing Degree Examination – Feb/March 2011

Time: Three Hours Max. Marks: 75 Marks

Pharmacology, Pathology & Genetics (RS–2 & RS-3)

Q.P. CODE: 1762 & 1763

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

Use separate answer books for section A and section B

Q.P. Code: 1762 – Section A – **PHARMACOLOGY (38 Marks)**

LONG ESSAYS (Answer any one) **1 x 10 = 10 Marks**

1. Classify Insulins. Mention the therapeutic uses and adverse effects of insulins
2. Enumerate routes of drug administration with examples. Mention the advantages and disadvantages of oral route

SHORT ESSAYS (Answer any four) **4 x 5 = 20 Marks**

3. Rifampicin
4. Chloroquine
5. Cetrizine
6. Omeprazole
7. How much drug is needed to prepare 1 in 1000 adrenaline hydrochloride? Mention four uses of adrenaline

SHORT ANSWERS **4 x 2 = 08 Marks**

Mention one therapeutic use (clinical condition) & one important adverse effect of the following

8. Methotrexate
9. Metoclopromide
10. Phenytoin
11. Atropine

Q.P. Code: 1763 – Section B – **PATHOLOGY (25 Marks)**

Use separate answer book

LONG ESSAYS (Answer any one) **1 x 10 = 10 Marks**

1. What is thrombosis? Describe the complications of thrombosis
2. What is cirrhosis? Write note on etiopathogenisis of alcoholic cirrhosis

SHORT ESSAYS (Answer any three) **3 x 5 = 15 Marks**

3. Physical examination of urine
4. Bleeding and clotting time
5. Osteo sarcoma
6. Cryptorchidism

GENETICS (12 Marks)

SHORT ANSWERS **6 x 2 = 12 Marks**

7. Explain types of twins
8. Name any three factors playing a role in chromosomal aberrations
9. Define Karyotyping
10. What is sex chromatin?
11. Name two differences between mitosis and meiosis cell division
12. Define mutation

*****

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. (Nursing - Basic) Degree Examination – Feb/March 2011

Time: Three Hours | Max. Marks: 80 Marks

MEDICAL SURGICAL NURSING – I
(Revised Scheme)

Q.P. CODE: 1685

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. a) Define Leukaemia b) Briefly explain the different types of leukaemia
   c) Based on the priority state two nursing diagnosis and write nursing interventions for a patient with leukaemia
2. Mr. Pai aged 38 yrs is admitted to the hospital with chronic renal failure
   a) Explain the pathophysiology of chronic renal failure b) Write the nursing management of Mr. Pai who is on haemodialysis c) List the complications of Haemodialysis
3. a) What is ulcerative colitis? b) List the clinical manifestations of ulcerative colitis
   c) Explain the pathophysiology of ulcerative colitis d) Write the nursing care to be provided for a patient with colostomy

SHORT ESSAYS (Answer any Eight) 8 x 5 = 40 Marks

4. Pathophysiology of cirrhosis of liver
5. Prevention of diabetic foot
6. Health education on prevention of recurrence of renal stones
7. Hernias
8. Food poisoning
9. Benign hyperplasia of prostrate
10. Principles of intensive care unit
11. Care before, during and after anaesthesia
12. Inflammatory process
13. Patients reaction to cancer

SHORT ANSWERS 10 x 2 = 20 Marks

14. Varicocele
15 Euthyroid
16. Purpura
17. Pleural aspiration
18. Arthroplasty
19. Eczema
20. Postural hypotension
21. Undecended testis
22. Cellulitis
23. Vagotomy

*****

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. Nursing Degree Examination – Feb/March 2011

Time: Three Hours | Max. Marks: 75 Marks

MEDICAL SURGICAL NURSING – I (RS–2 & RS -3)

Q.P. CODE: 1761

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Discuss the role and responsibilities of a Nurse in the following medical surgical settings. A) Intensive care unit. B) outpatient department. C) Inpatient unit.
2. Mr. Sharma 72 years old is admitted with diagnosis of Renal Calculus. A) List down the pathophysiology of Renal Calculus. B) Write the signs and symptoms and the diagnostic measures of Renal Calculus. C) Write 5 prioritised nursing diagnosis and their interventions.
3. Mrs. Sudha 62 year old is admitted with Hyper Tension. A) Define Hypertension. B) Explain the pathophysiology of Hypertension. C) Discuss the medical management and prepare a health education chart for Mrs.Sudha.

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Explain the principles of surgical asepsis.
5. Stages of wound healing.
6. Cardinal signs of Lung cancer.
7. Management of Nephrotic syndrome.
8. Complications of peptic ulcer.
9. Approaches for Prostatic surgery.
10. Prevention of diabetic foot.
11. Nursing responsibilities in Blood transfusion.
12. Raynaud's disease.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Cushing's syndrome.
14. Phantom limb sensation.
15. Phlebotomy.
16. Types of Angina.
17. Chorea.
18. Edema.
19. Cardiopulmonary Resuscitation.
20. Nebulization.
21. Psorcasis.
22. Hepatitis A-E.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Aug / Sep 2011

Time: Three Hours | Max. Marks: 75 Marks

COMMUNICATION AND EDUCATIONAL TECHNOLOGY
(RS–2 & RS-3)
Q.P. CODE: 1765

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Define objectives. What are the steps in formulating cognitive domain?
2. Describe the organization of counseling services in nursing college using directive and non-directive counseling
3. Define a group. Enumerate the stages and decision making process in group development.

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Demonstration as a method in clinical teaching
5. Unit plan
6. Stages of relationships and techniques to improve interpersonal relationships
7. Advantages and Disadvantages of chalk board
8. Testing procedures used in schools.
9. Pragmatism and aims of education
10. Difference between symposium and panel discussion.
11. Factors influencing aims of education
12. Crisis management

SHORT ANSWERS 10 x 2 = 20 Marks

13. Define objective structured clinical examination.(OSCE)
14. Four purposes of problem solving approach
15. Relationship between philosophy and education
16. Four principles of programmed instructions
17. Types of puppets
18. Advantages of simulation.
19. Type of evaluation
20. Team work in nursing
21. Uses of flash cards
22. Phases of demonstration

*****

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – Aug / Sep 2011

Time: Three Hours | Max. Marks: 80 Marks

GROWTH & DEVELOPMENT INCLUDING NUTRITION
(Revised Scheme)
Q.P. CODE: 1687

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. What are the physical, Psychological and social changes affecting during an old age period.
2. Discuss the on growth and development influence.
3. Define nutrition. Discuss the importance of water requirements.

SHORT ESSAYS (Answer any Eight) 8 x 5 = 40 Marks

4. Developmental tasks of Preschooler.
5. Sources, requirements and deficiency of Vitamin C.
6. Cognitive development of school period.
7. Therapeutic diet.
8. Freud's stages of development.
9. Physical and Psycho social development of an adolescence period.
10. Trust vs Mistrust. Discuss briefly.
11. Factors influencing on food habits.
12. Factors influencing on neo natal development.
13. Effects of Vitamin B-complex deficiencies.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Marconutrients and micronutrients.
15 Genetic counseling.
16. Effects of Vitamin A deficiency.
17. Electro complex.
18. Weaning diet.
19. Sources of iron.
20. Classification of Proteins.
21. Balanced diet.
22. Sibling Rivalry.
23. Colostrum.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Perfusion Technology Degree Examination – Aug / Sep 2011

Time: Three Hours | Max. Marks: 80 Marks

MEDICINE RELEVANT TO PERFUSION TECHNOLOGY (RS)

Q.P. CODE: 1244

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Discuss Geriatric problems relevant to cardiac surgery.
2. ACT.
3. Renal Transplantation.

SHORT ESSAYS (Answer any Eight) 8 x 5 = 40 Marks

4. Peripheral nenropalty.
5. Surfacetant.
6. Sympathetic system.
7. Hemoplegia.
8. PEEP.
9. Emplysems.
10. Liver function tests.
11. Angina pectoris.
12. ST Elevation.
13. Abdominal Anenrysm.

SHORT ANSWERS (Answer any Ten) 10 x 2 = 20 Marks

14. Atrial septal defect.
15 TAPVC, carmlation problem.
16. Hypoxia.
17. Antoxiodants.
18. Myocardial Infaction.
19. Problems of Aortic arch surgery.
20. Effect of smoking for conducting CPB.
21. Severe AR, clinical signs.
22. Significance of S3 (third heart sound).
23. Vital capacity.
24. Temperature probe.
25. Hyperthermis.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Cardiac Care Technology Degree Examination – Aug / Sep 2011

Time: Three Hours | Max. Marks: 80 Marks

MEDICINE RELEVANT TO CARDIAC CARE TECHNOLOGY (RS)

Q.P. CODE: 1246

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Diagnosis and management of rheumatic heart disease.
2. Diagnosis and management of shunt lesions.
3. Etiology and diagnosis of bleeding disorders.

SHORT ESSAYS (Answer any Eight) 8 x 5 = 40 Marks

4. Risk factors for IHD.
5. Causes and management of aortic stenosis.
6. Etiology of hypertension.
7. Dilated Cardiomyopathy.
8. Diagnosis of TOF.
9. Diagnosis of peripheral vascular disease.
10. Management of pulmonary edema.
11. Restrictive pulmonary disease.
12. Management of anemia.
13. Dialysis.

SHORT ANSWERS (Answer any Ten) 10 x 2 = 20 Marks

14. Sympathetic nervous system.
15 Causes of LV failure.
16. Types of ASD.
17. Cerebral embolism.
18. Complications of diabetes mellitus.
19. Prevention of ischemic heart disease.
20. Heart disease in pregnancy.
21. Diseases associated with obesity.
22. Pulmonary function test.
23. Prevention of rheumatic fever.
24. Diagnosis of aortic aneurysm.
25. Causes of mitral stenosis.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Renal Dialysis Technology) Degree Examination – Aug / Sep 2011

Time: Three Hours Max. Marks: 100 Marks

APPLIED PATHOLOGY & MICROBIOLOGY

Q.P. CODE: 1251 & 1252

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

Use separate answer books for section A and section B

Q.P. Code: 1251– Section A – APPLIED PATHOLOGY (50 Marks)

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. List types of renal calculi and describe their pathogenesis.
2. Describe the aetiopathogenesis and pathology of post-streptococcal glomerulonephritis.

SHORT ESSAYS (Answer any Five) 5 x 5 = 25 Marks

3. Chronic glomerulonephritis.
4. Renal changes in Diabetes Mellitus.
5. Causes of peritonitis.
6. Membrano-proliferative glomerulonephritis.
7. Hydronephrosis.
8. Nephrotic syndrome.

SHORT ANSWERS (Answer any Five) 5 x 3 = 15 Marks

9. Staghorn calculus.
10. IgA nephropathy.
11. Causes of ketonuria.
12. Immunofluorescence.
13. List renal changes in hypertension.
14. Causes of Tubulo-interstitial Nephritis.

Q.P. Code: 1252 – Section B – APPLIED MICROBIOLOGY (50 Marks)

Use separate answer book

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. Discuss laboratory diagnosis of Urinary tract infections.
2. List viruses causing Hepatitis. Compare and contrast Hepatitis A virus and Hepatitis E virus.

SHORT ESSAYS (Answer any Five) 5 x 5 = 25 Marks

3. Universal precautions.
4. Hepatitis B virus vaccine.
5. Prevention of Human Immunodeficiency Virus infection.
6. Urine sample collection.
7. Aspergillosis.
8. Methods of transmission of Hepatitis C virus.

SHORT ANSWERS (Answer any Five) 5 x 3 = 15 Marks

9. Draw a neat labeled diagram of HIV.
10. Dane particle.
11. Opportunistic infections associated with HIV-list one bacterial, one fungal and one parasitic infection.
12. ELISA.
13. Laboratory diagnosis of cryptococcal meningitis.
14. Chlamydospore formation.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Aug / Sep 2011

Time: Three Hours | Max. Marks: 75 Marks

COMMUNITY HEALTH NURSING – I
(RS–2 & RS-3)
Q.P. CODE: 1764

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Discuss the role of nurse in preventing Vitamin-A deficiency in under five children.
2. a) Define Demography. B) Discuss the methods of collection & analysis of Demographic Data.
3. Discuss the epidemiology and prevention of Diarrhoea.

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Dimensions of health.
5. Prevention of cardiovascular Diseases.
6. Case control study.
7. Natural history of disease.
8. Prevention of Polio.
9. Universal precautions in prevention of AIDS.
10. Sanitary well.
11. Different types of ventilation.
12. Activated sludge process.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Terminal disinfection.
14. Complications of measles.
15. B.C.G vaccination.
16. Obesity.
17. Safe period.
18. Effects of Vitamin D deficiency.
19. Anti- Larval methods of mosquito control.
20. Incineration.
21. No scalpel vasectomy.
22. Customs and traditions.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Aug / Sep 2011

Time: Three Hours | Max. Marks: 75 Marks

SOCIOLOGY (RS–2 & RS -3)

Q.P. CODE: 1760

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Explain the meaning and importance of sociology in nursing profession
2. What is rural community? Distinguish between rural and urban community
3. What do you mean by social stratification? Examine the role of stratification of Indian society?

SHORT ESSAYS (Answer any Seven) 7 x 5 = 35 Marks

4. Distinguish between society and community
5. Agencies of socialization
6. Consequences of poverty
7. Forms of marriage
8. Adverse effects of joint family
9. Classification of social groups
10. Health hazards of Alcoholism
11. Competition and conflict
12. Causes of population explosion

SHORT ANSWERS 10 x 2 = 20 Marks

13. Cultural lag
14. Folkways and mores
15. Social control
16. Role and status
17. Race
18. In – group and out – group
19. Social mobility
20. Senior citizen
21. Gemein schaft and gessel schaft
22. Isolation

*****

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – Aug / Sep 2011

Time: Three Hours | Max. Marks: 80 Marks

COMMUNITY HEALTH NURSING – I
(Revised Scheme)
Q.P. CODE: 1686

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. List the various records maintained in the Anganwadi and primary health center. Discuss the principles of recording and reporting
2. Discuss in detail the concepts and principles of family health care
3. Explain the role and functions of a nurse in planning, conducting and evaluating MCH clinics and camps

SHORT ESSAYS (Answer any Eight) 8 x 5 = 40 Marks

4. Fertility regulation and recent trends
5. Side effects & complications of IUDs
6. Risks and benefits of oral pills
7. Combined pills
8. Legal implication of reports
9. Post –conceptional methods
10. Injectabel contraceptives
11. Complications of male sterilization
12. Role of voluntary organization in family planning
13. Objectives of antenatal care

SHORT ANSWERS 10 x 2 = 20 Marks

14. Eligible couple
15 Welfare concept
16. Progestogen – only pill
17. USHA
18. Anaganwadi worker
19. Objectives of national population policy
20. Child death rate
21. Infant mortality rate
22. Neonatal mortality rate
23. Fertility rate

*****

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – Aug / Sep 2011

Time: Three Hours Max. Marks: 75 Marks

Pharmacology, Pathology & Genetics (RS–2 & RS-3)

Q.P. CODE: 1762 & 1763

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

Use separate answer books for section A and section B

Q.P. Code: 1762 – Section A – **PHARMACOLOGY (38 Marks)**

LONG ESSAYS (Answer any one) **1 x 10 = 10 Marks**

1. Classify Antihypertensive drugs. Mention the therapeutic uses and adverse effects of ACE inhibitors
2. Classify Penicillins. Mention the mechanism of action, antibacterial spectrum, therapeutic uses and adverse effects of amoxicillin

SHORT ESSAYS (Answer any four) **4 x 5 = 20 Marks**

3. Therapeutic uses and adverse effects of corticosteroids
4. Oral contraceptives
5. Diclofenal
6. Metronidazole
7. Prepare 100 ml of 1 in 1000 $KMNO_4$ solu. Mention its uses

SHORT ANSWERS **4 x 2 = 08 Marks**

Mention one therapeutic use (clinical condition) & one important adverse effect of the following

8. Thiazides
9. Chlorpheneramine maleate
10. Salbutamol
11. Chlorpromazine

Q.P. Code: 1763 – Section B – **PATHOLOGY (25 Marks)**

Use separate answer book

LONG ESSAYS (Answer any one) **1 x 10 = 10 Marks**

1. What is atherosclerosis? What are the risk factors of atherosclerosis? Add a note on the complications of atherosclerosis
2. What is the difference between benign and malignant tumour?

SHORT ESSAYS (Answer any three) **3 x 5 = 15 Marks**

3. Bronchiectasis
4. Collection of CSF specimen
5. What is hemoglobin? How do you estimate Hb by cyanmethemoglobin method?
6. Vesicular mole

GENETICS (12 Marks)

SHORT ANSWERS **6 x 2 = 12 Marks**

7. Define genetic counseling and two steps taken during the process
8. What are the uses or applications of dermatoglyphics?
9. Name two methods of gene transfer techniques
10. Which are the two types of immunity and what cells are responsible for it?
11. What is the karyotype in turner patients?
12. What is thalassaemia?

*****

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – Aug / Sep 2011

Time: Three Hours Max. Marks: 80 Marks

MEDICAL SURGICAL NURSING – I
(Revised Scheme)
Q.P. CODE: 1685

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Mrs. Kavitha, 38 years old is admitted to hospital with the diagnosis of hyperthyroidism a) State the causes and clinical manifestation of hyperthyroidism b) Discuss in brief the pre and post operative nursing management c) State the complications of hyperthyroidism
2. Mrs. Revathi, 40 years is admitted to surgical ward with the diagnosis of cholelithiasis a) State the causes and types of cholelithiasis b) Discuss briefly clinical manifestations and diagnosis c) Write on medical management and post operative nursing management
3. Mr. Raju, 45 years old, has got admitted to surgical ward with the diagnosis of Thrombo Angitis Obliterance (TAO) a) Define TAO with its causes b) Discuss briefly pathophysiological changes and its classic clinical manifestation c) Explain in detail on surgical management of Mr. Raju with nursing care plan

SHORT ESSAYS (Answer any Eight) 8 x 5 = 40 Marks

4. Purpura
5. Chemotherapy
6. Pancreatitis
7. Fracture and its management
8. Hernia
9. Types of cancer
10. Pathophysiology of atherosclerosis
11. Intestinal obstruction
12. Health education for a patient with renal failure
13. Treatment for cancer

SHORT ANSWERS 10 x 2 = 20 Marks

14. Principles of haemodialysis
15 Addison's disease
16. Primary hypertension
17. Diabetic retinopathy
18. Pemphygus vulgaries
19. Endoscopy
20. Nephrotic syndrome
21. Diffusion
22. Preoperative nursing
23. Types of anaesthesia

*****

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – Aug / Sep 2011

Time: Three Hours Max. Marks: 80 Marks

PHARMACOLOGY (Revised Scheme)

Q.P. CODE: 1684

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

LONG ESSAYS (Answer any Two) 2 x 10 = 20 Marks

1. Describe five factors that modify drug action and dose with examples
2. Classify anti cholinergics. Describe the mechanism of action, adverse effects and indications of atropine
3. Enumerate Fluoroquinolones. Write the mechanism of action and therapeutic uses of Ciprofloxacin

SHORT ESSAYS 8 x 5 = 40 Marks

4. Ketamine
5. Placebo
6. Metoprolol
7. Uses and side effects of Chlorphenirmine
8. Radioactive iodine
9. Uterine stimulants
10. Albendazole
11. Streptokinase

SHORT ANSWERS 10 x 2 = 20 Marks

12. Name four drugs used in female Osteoporosis
13. Mention four adverse effects of phenytoin
14. Name four topical antifungal drugs
15 Two uses and two adverse effects of Thiazides
16. What is Tachyphylaxis? Give two examples
17. Mention four uses of Enalapril
18. Name four selective serotonin reuptake inhibitors
19. Cetrimide
20. Name four anticancer agents
21. Name two antioxidants

*****