Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. (Nursing - Basic) Degree Examination – Aug / Sept 2009

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. Mention the different drug formulations, with one example of a drug for each
2. List the antibiotics useful for the management of gram-negative infections. Give the mechanism of action and side-effects of any one of them
3. What are tranquilisers / anti-psychotic agents? How do they act? Give examples

SHORT ESSAYS **8 x 5 = 40 Marks**

4. Management and drug treatment of organophosphorous insecticide poisoning
5. Streptokinase
6. Drugs used in thyrotoxicosis (anti-thyroid drugs)
7. Penicillin group of antibiotics
8. Antiseptic agents
9. Mebendazole
10. Pethidine
11. Vaccines

SHORT ANSWERS **10 x 2 = 20 Marks**

12. Mention two contraindications for use of morphine
13. Mention 2 natural sources of vitamin B12
14. Mention 2 examples of calcium channel blocker and 2 uses
15. Mention 2 sources of insulin along with route of administration
16. Name 2 drugs used in HIV/AIDS infection
17. Name 2 hormones in oral contraceptives
18. What are anti-emetic agents? Give two examples
19. Mention two intravenous anesthetic agents
20. Give 2 side-effects and uses of aspirin
21. Give 2 uses and two adverse effects of chlorpromazine

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Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. (Nursing - Basic) Degree Examination – Aug / Sept 2009

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. Mr. Prasad, 45 years old is admitted in medical ward with the diagnosis of hypertension
   a) Define hypertension b) State the causes and classification of hypertension
   c) Discuss in detail on medical & nursing management of Mr. Prasad with a care plan
2. Mrs. Rani, 56 years old is admitted in surgical ward with the diagnosis of breast cancer
   a) State the causes and risk factors of breast cancer b) Explain clinical manifestation and diagnosis c) Describe surgical management of Mrs. Rani
3. Mr. Manju, 28 years old is admitted in orthopedic ward with fracture of femur
   a) Define fracture b) State the classification and the clinical manifestations of fracture c) Discuss in detail on the process of bone healing

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

4. Leucoderma and its management
5. Liver abscess
6. Ulcerative colitis
7. Diabetes insipidus
8. Assessment of burns
9. Intensive care records
10. Anesthesia and its stages
11. Post-operative complications
12. Purpura
13. Inflammatory process

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Arteriosclerosis
15. Preoperative teaching
16. Diuretics
17. Anemias
18. Kyphosis
19. Traction
20. Hypothyroidism
21. Renal calculi
22. Exophthalmus
23. Colostomy

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Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. (Nursing - Basic) Degree Examination – Aug / Sept 2009

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. Discuss national family welfare programme in India and explain the role of nurse in family welfare programme
2. List the factors which influence the family health and what are the steps of nursing process you should take while working with the family
3. Discuss the types of records, registers and reports used in primary health center, explain the role of a nurse in keeping the reports & records

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

4. Dental hygiene
5. Menstrual care
6. Health problems of school children
7. Family assessment
8. Causes of low birth weight
9. Safe childhood
10. Formation of habits
11. Nursing diagnosis and its characteristics
12. Intra uterine devices
13. Domiciliary midwifery services

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Weaning
15. Family coping index
16. Tubectomy
17. Importance of rest & sleep
18. Adolescent care
19. Define standing orders
20. Net reproductive rate
21. Exclusive breast feeding
22. Road –to health chart
23. Immunity

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Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. (Nursing - Basic) Degree Examination – Aug / Sept 2009

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. Discuss the immediate adjustment of newborn. Give the appraisal of newborn
2. Write about types, sources requirement and deficiency of proteins
3. Discuss the development of secondary sexual characteristics in adolescence and the changes taking place in both male and female

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

4. Nutritional needs of teenager
5. Marital adjustments
6. Hepatic adaptation of newborn
7. Stages of growth and development
8. Vocational adjustment
9. Sex education
10. Advantages of breast feeding
11. Balanced diet
12. Factors affecting selection of food
13. Apgar score

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Scurvy
15. Measles
16. Schedule of hepatitis A vaccine
17. Pulse polio immunization
18. Heat loss in newborn
19. Define growth and development
20. Types of carbohydrates
21. Micronutrients
22. Parachute reflex
23. Industry Vs inferiority

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Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. Nursing Degree Examination – Aug / Sept 2009

Time: Three Hours **Max. Marks: 75 Marks**

SOCIOLOGY (RS – 2)

Q.P. CODE: 1760

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

2 x 10 = 20 Marks

LONG ESSAYS: (Answer any Two)

1. Discuss the role of family in health and sickness
2. Analyze the technological factors of social change
3. Differentiate between rural and urban communities

7 x 5 = 35 Marks

SHORT ESSAYS (Answer any Seven)

4. Discuss the scope of sociology in nursing
5. Explain the characteristics of culture
6. Illustrate the agencies of socialization
7. Explain conflict as a social process
8. Define population explosion and explain in detail Mathusian Theory of population
9. Discuss the forms of marriage
10. Explain caste and politics in India
11. Illustrate urban health problems
12. Discuss health consequences of alcoholism

10 x 2 = 20 Marks

SHORT ANSWERS

13. Give any two definitions of sociology
14. List stages of socialization
15. Diffusion of culture
16. Mobs
17. Mention Family Welfare Programmes
18. Problem of Dowry
19. Ascribed and achieved status
20. Community development project
21. Cyclical theory of social change
22. Substance abuse

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ajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. Nursing Degree Examination – Aug / Sept 2009

Time: Three Hours **Max. Marks: 75 Marks**

MEDICAL SURGICAL NURSING – I (RS – 2)

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. Mr. Veeresh 56 years old, is admitted in the hospital with diagnosis of Diabetic keto acidosis. Define diabetic keto acidosis and state the causes and clinical manifestation of Diabetic keto acidosis. Discus in detail about the management of Mr. Veeresh with nursing process

2. a) Define cirrhosis of liver
   b) Explain the Pathophysiology in cirrhosis of liver
   c) Write the medical and nursing management of patient with cirrhosis of liver

3. Mr. Mahesh 62 years old, is admitted in the hospital with diagnosis of chronic obstructive pulmonary disease (COPD). Define chronic obstructive pulmonary disease. Write the Pathophysiology of chronic obstructive pulmonary disease. Discuss in detail medical and nursing management

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

4. Shock
5. Benign Prostatic Hypertrophy
6. Peptic ulcer
7. Myocardial infarction
8. Nephritic syndrome
9. Arthritis
10. Biomedical waste management
11. Plural effusion
12. Hemorrholds

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Stages of wound healing
14. Incontinence
15. Empyema
16. Raynaud's disease
17. Anemia
18. Osteomalacia
19. Epispadisis
20. Psoriasis
21. Standard safety precautions
22. Hepatitis A – C

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Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. Nursing Degree Examination – Aug / Sept 2009

Time: Three Hours **Max. Marks: 75 Marks**

Pharmacology, Pathology & Genetics (RS – 2)

Q.P. CODE: 1762 & 1763

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: 1762 – Section A – PHARMACOLOGY (38 Marks)

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

1. Enumerate routes of drug administration with examples. Mention the advantages and disadvantages of IV Route
2. Classify analgesics. Mention the pharmacological actions, therapeutic uses and adverse effects of morphine

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

3. Diazepam
4. Xylocaine
5. Frusemide
6. Heparin
7. How do you prepare 500 ml of 5% glucose solution? Mention its uses

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

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

8. Oxytocin
9. Propanolol
10. Nifedipine
11. Streptokinase

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 wound healing? Describe fracture healing
2. Describe the etiopathology and complications of tuberculosis

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

3. Peptic ulcer
4. Ectopic gestation
5. Blood grouping
6. Semen analysis

GENETICS (12 Marks)

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

7. Explain any two types of chromosomes
8. How many chromosomes are present in somatic cells and in gametes of humans?
9. Name any three prenatal diagnosis procedures
10. Define chromosomal aberrations
11. Name any two achievements after fertilization
12. Name any three clinical features present in Down's Syndrome (Trisomy-21)?

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Rajiv Gandhi University of Health Sciences, Karnataka

1764.doc

Second year B.Sc. Nursing Degree Examination – Aug / Sept 2009

Time: Three Hours **Max. Marks: 75 Marks**

COMMUNITY HEALTH NURSING – I (RS-2)

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. a) Define Demography
   b) Explain the methods of collection, analysis and interpretation of demographic data
2. a) Define epidemiology
   b) Explain disease transmission
3. Describe the determinants of health

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

4. Anaemia
5. Socio-Cultural aspects of community
6. Levels of prevention
7. Importance of exercise and rest
8. Safe period
9. Prevention of food adulteration
10. Promotion of small family norm
11. Dimensions of health
12. Prevention and control of AIDS

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Rabies
14. Oral contraceptives
15. Juvenile Diabetes
16. Trachoma
17. Vasectomy
18. Active immunity
19. Census
20. Hygiene
21. Crude birth rate
22. Eligible couple

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1765.doc

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. Nursing Degree Examination – Aug / Sept 2009

Time: Three Hours **Max. Marks: 75 Marks**

COMMUNICATION AND EDUCATIONAL TECHNOLOGY (RS-2)

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 Guidance and Counselling
   b) Explain in detail how will you organize counselling services in nursing educational institutions
2. Explain how will you establish effective interpersonal relations with patient, families and co-workers in context of nursing
3. Briefly explain philosophy and aims of education

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

4. Advantages and disadvantages of practical examinations
5. Workshop
6. Three dimensional A.V. aids
7. Planning for health education
8. Computer assisted learning
9. Bulletin board and its principles
10. Process of communication
11. Demonstration method
12. Methods for communicating health messages

SHORT ANSWERS **10 x 2 = 20 Marks**

13. Panel discussion
14. Chalk board
15. Motivation
16. Case method
17. Advantages of multiple choice questions
18. Projected aids
19. Elements of communication
20. Poster
21. Uses of mass media
22. Short answer questions

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1684

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. (Nursing - Basic) Degree Examination – March 2009

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. List the agents used in the pharmacological management of hyperthyroidism. Give the mechanism of action and side-effects of any one of the drugs
2. Classify agents used in the pharmacological management of diabetes mellitus with one example for each. Give the mechanism of action and side-effects of any one of the oral antidiabetic drugs
3. Explain what is meant by side-effect of drugs. Give examples of 4 different drugs and their prominent side-effects. How does side effect differ from drug toxicity

SHORT ESSAYS **8 x 5 = 40 Marks**

4. Steps in the general management of drug poisoning
5. Uses of morphine and its side effects
6. Intravenous route of drug administration with suitable examples
7. Treatment of intestinal amoebiasis
8. Drugs used for typhoid / enteric fever
9. Gentamicin
10. Anti-tubercular drugs
11. Chloroquine

SHORT ANSWERS **10 x 2 = 20 Marks**

12. Mention 2 drugs obtained from plant sources mention one use for each
13. Name 2 broad-spectrum antibiotics
14. What is tramadol? Mention two uses
15. Give the mechanism of action of co-trimoxazole. Mention the composition
16. Name 2 sedative drugs with 2 uses
17. Mention 2 uses of aspirin with 2 adverse effects
18. Mention 2 side-effects of long-term use of prednisolone and mention 2 uses
19. Name 2 drugs used for HIV/AIDS
20. Name 2 drugs useful for oral candidiasis
21. Define a vaccine with 2 examples

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1685

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. (Nursing - Basic) Degree Examination – March 2009

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. Savitha, 49 years old is admitted to surgical ward with the diagnosis of peptic ulcer
   a) State the causes and clinical manifestation of Mrs. Savitha
   b) Discuss briefly on pathophysiological changes of peptic ulcer
   c) Write in detail on surgical approaches used for peptic ulcer with nursing care plan
2. Mr. Shankar, 18 years old is admitted in surgical ward with acute pancreatitis
   a) Define pancreatitis b) Explain the causes and pathophysiological changes with clinical manifestations c) Discuss in detail on nursing management of Mr. Shankar
3. Mr. John, 50 years old is admitted to orthopedic ward with the diagnosis of arthritis
   a) State the causes and classification of arthritis b) Discuss in detail on medial and surgical management c) Write nursing care plan for Mr. John

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

4. Hypertensive crisis
5. Cushing's syndrome
6. Hemorrhoids
7. Appendicitis
8. Skin grafting
9. Radiation safety measures
10. Talipus equinovarus
11. G.T.T
12. Peritoneal dialysis
13. Hepatitis

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Pyelitis
15. Barium meal
16. Pulse oxymeter
17. Complications of fracture
18. Burns
19. Appendicitis
20. Scabies
21. Anal fissure
22. Types of anaesthesia
23. Intravenous pyelogram

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1686

Rajiv Gandhi University of Health Sciences, Karnataka

Second year B.Sc. (Nursing - Basic) Degree Examination – March 2009

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. Discuss the components of nursing process in the context of community health nursing practice with suitable illustrations
2. Discuss the roles and responsibilities of community health nurse in maternal and child health services with reference to India
3. Describe family as a unit of community health services. How will you plan and implement family health services using the nursing process

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

4. C.S.S.M
5. Importance of personal hygiene
6. Community assessment
7. Changes in pregnancy
8. Spacing of birth
9. M.T.P
10. Types of records
11. Functions of family
12. Immunization schedule
13. Evaluation of family planning services

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Small family norm
15. Exclusive of breast feeding
16. Five C's used in MCH care
17. Preparation of Hyderabad mixture
18. Major reasons for maternal mortality
19. Nonscalpal vasectomy
20. Mention four sexually transmitted diseases
21. Equitable distribution
22. Infant mortality rate
23. Safe period

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Rajiv Gandhi University of Health Sciences, Karnataka

1687

Second year B.Sc. (Nursing - Basic) Degree Examination – March 2009

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. 'Adolescence period is a period of stress and strome'. Describe
2. Explain the emotional and social development of a schooler. Discuss the problems of a schooler
3. Developmental task of adult and discuss in detail the problems of adulthood

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

4. Baby friendly hospital
5. Psycho social development
6. Comparison of human milk and cow's milk
7. Apgar score
8. Foetal circulation
9. Food preservation
10. Reflexes of newborn
11. Diet plan
12. Supplementary feeding
13. Play therapy

SHORT ANSWERS **10 x 2 = 20 Marks**

14. Anterior fontanelle
15. Breast feeding
16. Well baby clinic
17. Vernix caseosa
18. Developmental tasks
19. Spermatogenesis
20. Empty nest
21. Micronutrients
22. Vital statistics
23. Goitre

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