Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – APRIL - 2015

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. a. Define recording & reporting.
   b. Explain the purposes and principles of recording & reporting.
2. a. Define Family Welfare.
   b. Briefly explain the temporary methods of family planning.
3. a. Define Mental Health.
   b. Explain the measures for promotion of Mental Health.

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

4. Community Health Nursing Care Plan
5. Concepts of family
6. Principles of home visit
7. Family as a unit of Community Health Services
8. Care of adolescence
9. Population explosion
10. Post natal care
11. Under five clinic
12. Community Assessment
13. Role of Nurse in RCH Programme

SHORT ANSWERS 10 x 2 = 20 Marks

14. Personal hygiene
15 Menstrual Hygiene
16. Maternal mortality rate
17. No scalpel vasectomy
18. Bag technique
19. Growth chart
20. Eligible couple
21. Rooming – in
22. Exclusive breast feeding
23. Weaning

Rajiv Gandhi University of Health Sciences, Karnataka

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II Year B.Sc. Nursing Degree Examination – APRIL - 2015

Time: 3 Hours | Max. Marks: 38 Marks

Pharmacology

Q.P. Code : 1762

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

(Note : Both QP Codes 1762 and 1763 are to be answered within total duration of 3 hours)

(Use separate answer books for QP 1762 & QP 1763)

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

1. Classify Glucocoticoids. Write the mechanism of action, uses and adverse effects of Dexamethasone.
2. Classify drugs used in cardiac failure. Write the mechanism of action, uses and adverse effects of Digoxine.

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

3. Oxytocin
4. Drugs used in malaria
5. Phenobarbitone
6. Drugs used in amoebic hepatitis
7. Insulin preparations

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

8. Mention one use & one important adverse effect of organic nitrates.
9. Mention one use & one important adverse effect of tetracycline.
10. Mention one use & one important adverse effect of sulbutamol.
11. Mention one use & one important adverse effect of azithromycin.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL - 2015

Time: 3 Hours Max. Marks: 37 Marks

Pathology & Genetics

Q.P. Code : 1763

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

(Note : Both QP Codes 1762 and 1763 are to be answered within total duration of 3 hours)

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

1. Define inflammation. Describe cellular events in acute inflammation.
2. Discuss etiology, pathogenesis and morphology of carcinoma cervix.

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

3. Etiopathogenesis of thromboembolism
4. Describe Osteoporosis
5. Explain Bronchiectasis
6. Describe Semen analysis

GENETICS (12 Marks)

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

7. Define Mutation
8. What is Gene therapy
9. Disorders of chromosome structure
10. Types of genes
11. Define Spontaneous abortion
12. Mention four characteristics of Down syndrome

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – APRIL 2015

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 neuro muscular endowment of the newborn and explain the characteristics of Newborn.
2. Describe the development tasks of adolescence and social relationship in detail.
3. Mention the water-soluble vitamins and write the source, RDA and deficiency of water-soluble vitamins.

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

4. Importance of Play therapy
5. Developmental task of toddlers
6. Planned parenthood
7. Principles of growth and development
8. Reflexes of newborn
9. Food preservation
10. Psychosocial theory
11. Nutritional requirement of adolescents
12. Health problems and needs of elderly
13. Sources, requirement and deficiency of Fat

SHORT ANSWERS 10 x 2 = 20 Marks

14. Genetic counseling
15 Colostrum
16. Small family norm
17. List the methods of cooking
18. Sources of fat
19. Balanced diet
20. Infant
21. Immunization
22. Sibling rivalry
23. Thumb sucking

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL 2015

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. Define community health nursing and explain determinants of health.
2. Explain the dynamics of disease transmission.
3. Explain the methods of data collection, analysis and interpretation of demographic data.

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

4. Health promotion
5. Rehabilitation
6. Small family norms
7. Hypertension
8. Hookworm infection
9. Methods of family planning
10. Protein Energy Malnutrition
11. Prevention of food adulteration act
12. Prevention and control of malaria

SHORT ANSWERS 10 x 2 = 20 Marks

13. Sanitation
14. No scalpel vasectomy
15. Counseling
16. Nutritional deficiency
17. Warning signals of Cancer
18. Physical activity
19. Disposal of waste
20. Self reliance
21. Immunity
22. Tertiary prevention

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL 2015

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 Evaluation. Write types of evaluation. Explain criteria of a good assessment tool.
2. Define Education. List functions of education. Explain maxims of teaching.
3. Define Guidance and Counseling. List the principles of guidance and counseling. Explain issues of counseling in nursing students and practitioners.

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

4. What are methods and media used for communicating health messages?
5. Lesson planning
6. Management of crisis
7. Human relations in context of nursing
8. Purposes, types and phases of interpersonal relations
9. Communication barriers and methods of overcoming
10. Briefly describe on Three dimensional aids.
11. Write briefly on Educational philosophies.
12. Explain Computer assisted learning

SHORT ANSWERS 10 x 2 = 20 Marks

13. Simulation
14. Characteristics of learning
15. Define and classify Projected Aids.
16. List clinical methods of teaching
17. Purposes of A.V. aids
18. Advantages and disadvantages of Chalk Board
19. Essay type questions
20. Individual Health Education
21. Johari Window
22. Communication Process

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – APRIL 2015

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 fracture
   b) Discuss the pathophysiology and clinical manifestations of fracture
   c) Prepare a nursing care plan for a patient with plaster cast application
2. Mr. Chinnaswamy admitted hospital with the diagnosis of diabetes mellitus.
   a) Define diabetes mellitus.
   b) Enlist the clinical manifestations of diabetes mellitus.
   c) Discuss in detail management of Mr. Chinnaswamy with nursing process.
3. Mr. Ramesh, 66 years old having cirrhosis of liver.
   a) Explain the pathophysiology of cirrhosis of liver.
   b) Discuss the nursing management of Mr. Ramesh, based on three priority needs.

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

4. Pre-operative care of abdominal surgery
5. Radiation therapy.
6. Explain the types of Anaesthesia.
7. Describe the principles of intensive care.
8. Explain the stages of Atherosclerosis.
9. List the causative factors and clinical manifestations in Hemophelia.
10. Nursing responsibilities during Blood transfusion
11. Explain the medical and surgical management of Nephrotic syndrome.
12. Pathophysiology of Cushing's syndrome
13. Liver Abscess

SHORT ANSWERS 10 x 2 = 20 Marks

14. Circulatory nurse
15 Define Inflammation.
16. List the Intensive care records.
17. Define Pyelitis.
18. Define Orchitis.
19. List four clinical manifestations of Addison's disease.
20. Appendicitis
21. CAUTION
22. Define Pemphigus vulgaris.
23. Classify Burns.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL 2015

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. a. Explain the etiological factors and pathophysiology of Bronchial Asthma
   b. Explain the management of client with Status Asthmaticus.
2. a. Explain the etiopathophysiology of Intestinal obstruction.
   b. Explain the post-operative management of client with colostomy.
3. a. Define Rheumatic Heart Disease (RHD).
   b. Describe the etiology and pathophysiology of RHD.
   c. Write the nursing management of patient following valve replacement surgery.

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

4. Wound Healing process
5. Management of a client with Chest tube drainage
6. Explain the stages of Shock.
7. Emergency management of patient with Myocardial Infarction
8. Nursing management of patient following Trans Urethral Resection of Prostate (TURP)
9. Cryptorchidism
10. Diabetes insipidus
11. Osteoporosis
12. Prevention of HIV infection

SHORT ANSWERS 10 x 2 = 20 Marks

13. Gynaecomastia
14. Causes and prevention of Dengue fever
15. Types of Anesthesia
16. ECG changes in Hyperkalemia
17. Pleural effusion
18. Hemorrhoids
19. Clinical manifestations in Nephrotic syndrome
20. Mantoux test
21. Define Thrombocytopenia.
22. Clinical features in cretinism

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – OCTOBER 2015

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 hernia
   b) List down the types of hernia and describe the pathophysiology of inguinal hernia
   c) Explain the post operative management of Mr. Roshan after herniorrhaphy
2. Mrs. Kamala a 65 year old woman is suffering from osteoporosis
   a) Explain the predisposing factors for osteoporosis
   b) Mention the specific diagnostic measures
   c) Explain the major complications and health teaching plan to prevent those complications
3. a) Define myocardial infarction (MI)
   b) List down the causes and clinical manifestations of MI
   c) Write the medical and nursing management of patient with MI

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

4. Food poisoning
5. Types of fractures
6. Insulin therapy
7. Burns reconstructive surgery.
8. Nurses responsibility in blood transfusion
9. Types of shock
10. Liver abscess
11. Iron deficiency anaemia
12. Laryngitis
13. Hypothyroidism

SHORT ANSWERS 10 x 2 = 20 Marks

14. Inflammatory process
15 Osteomyelitis
16. Diabetic insipidus
17. Glossitis
18. Predisposing factors for oral cancer
19. Varicose vein
20. Leucoderma
21. Treatment for hypertension
22. Care of patient with plaster casts
23. CAUTION.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – OCTOBER 2015

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. Define Osteomyelitis. Discuss the pathophysiology of Osteomyelitis. Explain the treatment modalities.
2. Mrs Laxmi a 55 years old woman is admitted to the hospital with the diagnosis of diabetes mellitus.
   Define Diabetes mellitus. List the complications of diabetes mellitus. Explain the nursing management of a patient with diabetes mellitus.
3. Differentiate between gastric and duodenal ulcer. Discuss the medical, surgical and nursing management of a patient with Peptic ulcer.

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

4. Surgical approaches of Benign prostatic hypertrophy.
5. Process of Inflammation
6. Nursing Care of unconscious patients
7. Lung abscess
8. Colostomy care
9. Anti-hypertensive drugs
10. Cardio-pulmonary resuscitation
11. Nephrotic syndrome
12. Psoriasis

SHORT ANSWERS 10 x 2 = 20 Marks

13. Pleural effusion
14. Types of anemia
15. Complications of Acquired Immune Deficiency Syndrome (AIDS)
16. Raynaud's disease
17. Etiology of renal calculi
18. Defibrillation
19. Portal hypertension
20. Anti-tubercular drugs
21. Urinary Incontinence
22. Types of Anaesthesia and methods of administration

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – October 2015

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 objectives of neonatal care. Explain the role of nurse in neonatal care.
2. Explain the aims and objectives of family health care and describe the principles and steps of home visits
3. Define family planning. Classify the family planning methods. Explain in detail about the IUD's

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

4. MTP Act
5. Growth chart
6. Community diagnosis
7. Promotion of mental health
8. MCH Problems
9. Population explosion
10. ICDS programme
11. Care of the skin
12. Role of the nurse in records and reports
13. Juvenile Delinquency

SHORT ANSWERS 10 x 2 = 20 Marks

14. Life expectancy
15 Low birth weight
16. Demography
17. Family size
18. Density of population
19. Establishing IPR
20. Methods of community assessment
21. Functions of the family
22. Factors affecting fertility
23. Complications of male sterilization

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – October 2015

Time: 3 Hours Max. Marks: 38 Marks

Pharmacology

Q.P. Code : 1762

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

(Note : Both QP Codes 1762 and 1763 are to be answered within total duration of 3 hours)

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

1. Classify autiepileptic agents. Mention the pharmacological actions, adverse effects & uses of sodium valprote
2. Enumerate tetracycline preparations. Mentions the mechanism of action, athimicobial spectrum adverse effects & uses of Doxy cycline

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

3. Zero order kinetics & first order kinetics
4. Prazosim
5. Ketomine
6. Cogh suppressants
7. Prepare 500 ml of 5 % DNS 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. Aspirin
9. Atenolol
10. Chnoroquirne
11. Amlodipine

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – October 2015

Time: 3 Hours Max. Marks: 37 Marks

Pathology & Genetics
Q.P. Code : 1763

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

(Note : Both QP Codes 1762 and 1763 are to be answered within total duration of 3 hours)

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

1. Discuss the differences between benign and malignant tumours.
2. Discuss etiology, morphology and complications of peptic ulcer.

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

3. Enumerate about Aneurisms
4. Describe Bone healing
5. Describe Haemoglobin estimation
6. Explain the etiopathogenesis of Primary tuberculosis

GENETICS (12 Marks)

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

7. Mention any four prenatal diagnostic tests.
8. Role of nurse in genetic counseling
9. Structure of the chromosome
10. Define Karyotyping
11. List any four Autosomal abnormalities
12. Define Infertility

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – SEPTEMBER 2015

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. Sangappa. 55 years old, admitted to dialysis unit with chronic renal failure.
   a) Define chronic renal failure.
   b) State the causes and clinical manifestation of chronic renal failure.
   c) Discuss in detail medical and nursing management of Mr. Sangappa.
2. a) Define rheumatoid arthritis.
   b) Describe etiology and pathophysiology of rheumatoid arthritis.
   c) Write nursing care plan for client with rheumatoid arthritis based on prioritized nursing diagnosis.
3. Mr. Ramesh, admitted to hospital with diagnosis of pancreatitis.
   a) Define acute pancreatitis.
   b) Explain etiology and pathophysiology of acute pancreatitis.
   c) Describe the medical and nursing management of patient with pancreatitis

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

4. Osteomyelitis
5. Classification of cancer chemotherapy drugs
6. Eczema
7. Fluid management of burns patient
8. Surgical management of Benign Prostatic Hyperplasia
9. Management of patient with Diarrhoea
10. Rehabilitation of client with below knee Amputation
11. Scabies
12. Types of Anemia
13. Nephrotic syndrome

SHORT ANSWERS 10 x 2 = 20 Marks

14. Digoxin
15 Varicose vein
16. Principles of Hemodialysis
17. Warning signs of cancer
18. Burns classification
19. Barium enema
20. Diuretics
21. Cystitis
22. Orchitis
23. Types of radiation therapy.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – SEPTEMBER 2015

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. Define bronchial asthma. Explain the pathophysiology of bronchial asthma. Write a short note on Incentive spirometry. Plan a discharge teaching for a patient with bronchial asthma.
2. Mr. Suresh a chronic alcoholic is admitted to the ICU with Cirrhosis of liver.
   a) Define Cirrhosis of liver.
   b) List the complications of Cirrhosis of liver
   c) Discuss the nursing management of Mr. Suresh.
3. a) Define Fracture.
   b) List down the types of Fracture.
   c) Brief the care of patient in Plaster Cast application.

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

4. Addison's disease
5. Diuretics
6. Pulmonary function test (PFT)
7. Typhoid
8. Angina Pectoris
9. Normal ECG (Electrocardiogram)
10. Discharge instructions for a patient with renal calculi
11. Insulin therapy
12. Causes of Renal Failure

SHORT ANSWERS 10 x 2 = 20 Marks

13. Types of immunity
14. Anaphylactic shock
15. Atelectasis
16. Hiatus hernia
17. Complications of blood transfusion
18. Gynecomastia
19. Alopecia
20. Signs of inflammation
21. Types of arthritis
22. Standard safety precautions

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – SEPTEMBER 2015

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. Define community. Explain the method of community assessment. What are the dimensions of the community to be assessed?
2. Define records. Explain the principles of recording and reporting. Explain the legal implications of records and reports in community Health nursing.
3. List the objectives of antenatal care and explain the role of the nurse in antenatal care.

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

4. Demographic cycle
5. National population policy
6. Levels of prevention
7. Principles of home visit
8. Under five clinic
9. Child labour
10. ICDS programme
11. Factors affecting fertility
12. Barrier methods
13. Care of the skin

SHORT ANSWERS 10 x 2 = 20 Marks

14. Sex ratio
15 NRR
16. Pulse Polio
17. Low birth weight
18. Mental health
19. Functions of the family
20. Advantages of the IUD's
21. Uses of growth chart
22. No Scalpel vasectomy
23. Small for date babies

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – SEPTEMBER 2015

Time: 3 Hours Max. Marks: 38 Marks

Pharmacology
Q.P. Code : 1762

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

(Note : Both QP Codes 1762 and 1763 are to be answered within total duration of 3 hours)

(Use separate answer books for QP 1762 & QP 1763)

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

1. Classify penicillins and discuss the pharmacology of Amoxicillin.
2. Classify non-steroidal anti-inflammatory drugs. Write the pharmacological actions, adverse effects and uses of aspirin.

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

3. Suppository
4. Halothane
5. Phenytoin sodium
6. Domperidone
7. Propanolol

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

8. List four antiviral drugs & their indications
9. List four glucocorticoids & their indications
10. Oral contraceptive preparations
11. Four uses & adverse effects of insulin

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – SEPTEMBER 2015

Time: 3 Hours Max. Marks: 37 Marks

Pathology & Genetics

Q.P. Code : 1763

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

(Note : Both QP Codes 1762 and 1763 are to be answered within total duration of 3 hours)

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

1. Define embolism. Mention different types of embolism. Discuss etiopathogenesis and complications of thromboembolism.
2. Discuss etiology and pathological changes seen in rheumatic heart disease.

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

3. Describe about Aneurysms.
4. Explain about Haematuria.
5. Describe the process of wound healing.
6. Explain the pathological changes of carcinoma cervix.

GENETICS (12 Marks)

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

7. Define Telomere.
8. Mendel's Law-Law of segregation.
9. Types of mutations.
10. Name the indications for pre-natal genetic testing.
11. Name four disorders of inborn errors of metabolism.
12. Mention the aims and objectives of human genome project.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – SEPTEMBER 2015

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. a) Enumerate the physiological and psychological changes associated with ageing.
   b) Discuss the safety precautions for the elderly people.
2. a) Discuss the importance of Sex education during adolescence.
   b) Explain the physical growth from 6 year to 12 years age.
3. Write about types, sources, requirements and deficiency of proteins.

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

4. Secondary sexual characteristics
5. Weaning
6. Principles of growth and development
7. Normal problems of adulthood
8. Appraisal of newborn
9. Planned parenthood
10. Food preservation
11. Vitamins
12. Developmental task of an Infant
13. Premarital counseling

SHORT ANSWERS 10 x 2 = 20 Marks

14. Define Essential fatty acids.
15 Define Rickets and its prevention.
16. Importance of Breast feeding
17. Puberty
18. Types of Amino acids
19. Clear fluids
20. Types of carbohydrates
21. Fluid diet
22. Anthropometric measurement
23. Xerophthalmia

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – SEPTEMBER 2015

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. Explain in detail the epidemiology and management of malaria
2. Define demography? Which are the methods of collecting demographic data? Describe the demographic cycle
3. Explain the different methods of waste disposal in India

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

4. Air pollution
5. Housing standards
6. Levels of prevention
7. Mumps
8. Oral contraceptive pills
9. Obesity
10. Women empowerment
11. Malnutrition
12. Mode of disease transmission

SHORT ANSWERS 10 x 2 = 20 Marks

13. Safe and wholesome water
14. Immunoglobulins
15. Tubectomy
16. Types of diabetes
17. Epilepsy
18. Trachoma
19. Purchasing power
20. Incubation period
21. Spectrum of health
22. Ascariasis

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – SEPTEMBER 2015

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) Explain the steps in communication process.
   b) Explain the different barriers in communication.
2. a) Define education
   b) What are the characteristics of learning?
   c) Explain the maxims of teaching.
3. a) List the various teaching methods used in clinical area.
   b) Explain in detail about the case method.

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

4. Principles in preparing slides
5. Discussion method
6. Basic principles in counseling
7. Programmed instruction
8. Types of counseling approaches
9. Mention the types of audio-visual aids. Write briefly on printed aids.
10. Factors to improve good human relations
11. Scope of guidance and counseling in nursing education
12. Barriers in interpersonal relations

SHORT ANSWERS 10 x 2 = 20 Marks

13. Define evaluation.
14. Principles of teaching
15. List the different types of projected aids.
16. Purpose of interpersonal relationship
17. Self instructional module
18. Symposium
19. Disadvantages of essay questions
20. Process recording
21. Nursing rounds
22. List two specific objectives for a lesson plan on anaemia.

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Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – SEPTEMBER 2015

Time: Three Hours Max. Marks: 80 Marks

MICROBIOLOGY (Revised Scheme)

Q.P. CODE: 1681

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 and classify sterilization. Describe in detail about Hot air oven.
2. Describe in detail the laboratory diagnosis of enteric fever.
3. Describe morphology, mode of transmission and laboratory diagnosis of Hepatitis B.

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

4. Laboratory diagnosis of infections caused by Staphylococcus aureus
5. Opportunistic mycosis
6. Urinary tract infection
7. Bacterial capsule
8. Type IV hypersensitivity
9. Laboratory diagnosis of Malaria
10. Mention the role of a nurse in the control of hospital acquired infection.
11. Bacterial growth curve
12. Laboratory diagnosis of syphilis
13. Post exposure prophylaxis in HIV

SHORT ANSWERS 10 x 2 = 20 Marks

14. Name two enriched media.
15 Name three infections caused by Clostridium species.
16. Name two uses of ELISA.
17. Name two organisms causing meningitis.
18. Louis Pasteur
19. Name two gaseous disinfectants.
20. Write two differences between active and passive immunity.
21. Draw a diagram of Immunoglobulin M.
22. Polio vaccines
23. Name two stool concentration techniques.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – SEPTEMBER 2015

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. Enumerate Aminoglycoside antibiotics. Write the mechanism of action, antimicrobial spectra, uses and adverse effects of Gentamicin.
2. Classify NSAID's. Write the mechanism of action, therapeutic uses and adverse effects of Aspirin.
3. Mention various glucocorticoids. Write the therapeutic uses and adverse effects of glucocrticoids.

SHORT ESSAYS 8 x 5 = 40 Marks

4. Vaccines for poliomyelitis
5. Pethidine
6. Tetracyclines
7. Chlorpromazine
8. Transdermal drug delivery system
9. Newer insulin preparation with their advantages
10. Oxidizing agents
11. Various sources of drugs

SHORT ANSWERS 10 x 2 = 20 Marks

12. Name two beta lactamase inhibitors with their indications.
13. Name four antianxiety drugs.
14. Mention four deficiency symptoms of Vitamin A.
15 Name four anthelmintic drugs.
16. Name one anabolic steroid and its use.
17. Name two newer macrolide antibiotics and two uses.
18. Define idiosyncrasy with one example.
19. Mention two uses and two adverse effects of Metronidazole.
20. Write two uses of BAL (Dimercaprol).
21. Mention two topical preparations of sulfonamides.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – SEPTEMBER 2015

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 control and explain the formal and informal means of social control.
2. Define family. Explain the essential and non-essential functions of family.
3. Define culture. Explain the socio-cultural factors in health and disease.

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

4. Technological factors of social change
5. Achieved status
6. Uses of sociology
7. Primary and secondary group
8. Forms of marriage
9. Social mobility
10. Characteristics of Indian village
11. Problems of modern family
12. Write a note on Juvenile delinquency.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Branches of sociology
14. AIDS
15. Race
16. Crowd
17. Exogamy
18. Child marriage
19. Closed system
20. Assimilation
21. Crime
22. Nuclear family

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