

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – **MAY 2016**

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. Mention the different routes of drug administration with suitable examples. Write the advantages and disadvantages of intravenous route.
2. Classify various local anaesthetic drugs. Write briefly about the pharmacology of lignocaine.

SHORT ESSAYS (Answer any four)

4 x 5 = 20 Marks

3. Uses and adverse effects of adrenaline
4. Radioactive iodine
5. Pethidine
6. Nitrates
7. Succinyl choline

SHORT ANSWERS

4 x 2 = 08 Marks

8. Mention one therapeutic use (clinical condition) & one important adverse effect of streptomycin.
9. Mention one therapeutic use (clinical condition) & one important adverse effect of metoclopramide.
10. Mention one therapeutic use (clinical condition) & one important adverse effect of salbutamol.
11. Mention one therapeutic use (clinical condition) & one important adverse effect of ramipril.

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Nursing Degree Examination – May 2016
Max. Marks: 75 Marks

Time: Three Hours

SOCIOLOGY (RS-2 & RS -3)
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. Define culture. Mention the characteristics of culture. Discuss the impact of culture on health and illness.
2. Define social change. Explain the theories of social change.
3. Define caste. Explain the characteristics of caste system.

7 x 5 = 35 Marks

SHORT ESSAYS (Answer any Seven)

4. Differentiate Primary and Secondary Groups.
5. Merits and Demerits of Joint Family System
6. Major Urban Problems and its Impact on Health
7. Types of Cooperation (With suitable examples)
8. Types of family
9. Technological factors of Social Change
10. "Man is a Social Animal". Discuss.
11. Types of social system
12. Write a note on alcoholism.

10 x 2 = 20 Marks

SHORT ANSWERS

13. Acculturation
14. Oedipal Complex
15. Achieved status
16. Cultural lag
17. Mob
18. Child Labour
19. Health Services in Rural Communities
20. IRDP
21. HIV / AIDS
22. In-group and Out-group

II SESSIONAL EXAM

II BSc(N)

TIME: 3hrs

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 the water purification is large scale
2. Classify the family planning methods? Explain in detail the permanent methods of family planning
3. Describe the epidemiological factor of cholera. Explain the control measures of cholera

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Oxidation pond
5. Women empowerment ✓
6. Epidemiologic cycle
7. Demographic cycle
8. Risk factor of coronary heart disease
9. Specific nutritional deficiencies
10. Malaria
11. Determinants of health
12. ASCARIASIS

SHORT ANSWERS

10 x 2 = 20 Marks

13. ~~Eugemics~~ MTP ACT ✓
14. Air pollutants
15. Mechanical ventilation ✓
16. Active immunity ✓
17. Family budget ✓
18. Food adulteration act ✓
19. Infant mortality rate
20. Copper I ✓
21. SARS ✓
22. Incidence



Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – **MAY 2016**

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. Briefly describe the vascular changes in acute inflammation.
2. Define cirrhosis of liver. Mention the types and describe etiology and morphology of micronodular cirrhosis.

SHORT ESSAYS (Answer any three)

3 x 5 = 15 Marks

3. Describe Chemotaxis.
4. Explain Lymphatic oedema.
5. Describe Dry gangrene.
6. Describe Callus.

GENETICS (12 Marks)

SHORT ANSWERS

6 x 2 = 12 Marks

7. Define Karyotype.
8. Characteristics of Autosomal recessive inheritance.
9. Effect of Deficiency of Vitamin A and D on foetal growth.
10. Name the adverse effects of four commonly used drugs on foetal growth and development.
11. Name the non-invasive techniques used for parental diagnosis.
12. Define Anencephaly.

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination - May 2016

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. Mr. Raju, 45 years old, diagnosed to have cholelithiasis is posted for Cholecystectomy
 - a) Define Cholelithiasis
 - b) List down the methods of non surgical removal of Gall stones
 - c) Describe the post operative nursing care of Mr. Raju.
2. Mr. Kiran 47 year old got admitted in medical ward with cirrhosis of liver
 - a) Define Cirrhosis of liver
 - b) List the etiology and clinical manifestations
 - c) Prepare a nursing care plan for Mr. Kiran using nursing process
3. Mr. Rajiv, 42 year old man is admitted with severe pain due to renal calculi
 - a) Mention the types of renal calculi
 - b) List the clinical manifestations and diagnostic procedures used to diagnose renal calculi
 - c) Describe the pre and post operative nursing care for Mr. Rajiv.

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Explain the role of nurse in organ donation.
5. ✓ Describe the preoperative preparation of patient undergoing abdominal surgery.
6. ✓ Explain the current CPR guidelines.
7. Describe the nursing responsibilities during thrombolytic therapy.
8. ✓ Explain pathophysiology of diabetes mellitus.
9. ✓ Explain the causes and management of psoriasis
10. ✓ Enumerate on biomedical waste management followed in medical ward.
11. ✓ Explain the current schedule of short course chemotherapy for tuberculosis.
12. ✓ Explain about prevention of transmission of HIV infection among adults.

SHORT ANSWERS

10 x 2 = 20 Marks

13. Write any two specific non-invasive diagnostic procedures done in cardiac diseases
14. Indicate two reasons to follow rotation of site for insulin administration
15. Name two opportunistic infections among AIDS patients
16. Classify hemophilia
17. List two suture materials and its uses
18. List four major duties of scrub nurse
19. Specify the incubation period for poliomyelitis
20. Write two important clinical manifestations of left ventricular failure
21. What is DASH diet?
22. List two complications of tracheotomy

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. How will you conduct a workshop on disaster management for a group of nursing students?
2. List methods of evaluation used in nursing. What are the components of multiple choice questions? Prepare four multiple choice questions on prevention of diabetic complications.
3. What are the methods and media used for communicating health messages? How does a role play on Acquired Immuno Deficiency Syndrome (AIDS) have an impact on Adolescents?

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Types of rating scales.
5. Importance of human relations in context of nursing
6. Types of clinical teaching methods. Write briefly on bed-side clinic.
7. Purposes of objectives
8. Tools used in counseling
9. Types of Audio-Visual aids
10. Steps involved in planning health education
11. Principles and steps followed in essay type test
12. Characteristics of learning

SHORT ANSWERS

10 x 2 = 20 Marks

13. Uses of Bulletin boards
14. List the phases of counseling process
15. Skills used in individual conference
16. Barriers of communication
17. Points to remember while preparing posters
18. Define Johari window.
19. Mention the types of rating scale.
20. Aims of Information Education Communication
21. List the steps involved in group counseling
22. Advantages of multiple choice questions

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination - <<>>

Max. Marks: 75 Marks

Time: Three Hours

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

(2+8)

1. a) Enlist the determinants of health.
b) Explain any two determinants of health.
2. Explain the epidemiology and management of tuberculosis.
3. Define demography and explain the impact of population explosion.

(2+8)

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Explain the dimensions of health.
5. Effect of noise pollution on health
6. Food safety standards of India
7. Management and control of Acute Diarrheal Disease
8. Steps in analytical epidemiology
9. Signs and symptoms of dengue fever
10. Explain emergency contraception.
11. Management of chicken pox
12. Housing standards

SHORT ANSWERS

10 x 2 = 20 Marks

13. Define mental health.
14. Define endemic.
15. List any four sexually transmitted diseases.
16. Define infant mortality rate.
17. Define couple protection rate.
18. Define skeletal Fluorosis.
19. Incubation period
20. List the methods of food preservation.
21. List any four respiratory infections.
22. Mention the types of immunity.

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination - SEP 2016

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) Define and classify Chest Injury
b) List the clinical manifestations and complications in a client with Chest Injury.
c) Explain the management of client with Chest tube drainage
2. a) Define Benign Prostatic Hypertrophy. Explain the pathophysiological basis of clinical manifestations in a client with Benign Prostatic Hypertrophy
b) Explain the various modalities of treatment available for Benign Prostatic Hypertrophy.
3. a) Explain the etio pathophysiology and clinical manifestations of Rheumatic Heart Disease
b) Describe the preoperative and Postoperative management of client undergoing valve replacement surgery

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Explain the Pathophysiology of Cirrhosis of Liver.
5. Describe the complications of Myocardial Infarction.
6. Explain the Phases of Acute Renal failure.
7. Explain the clinical features and medical management of Hyperthyroidism.
8. Explain the management of a patient with Eczema
9. Describe the Stages of Bone Healing.
10. Explain the Diagnostic studies and drug therapy for HIV infection.
11. Explain the complications of Hypertension.
12. Describe the Drug Therapy in Pulmonary Tuberculosis.

SHORT ANSWERS

10 x 2 = 20 Marks

13. What is Sickle Cell Anemia
14. Define Pleural Effusion
15. List the indications for Stress Test
16. What is Edema and List the causes for edema
17. Enlist the Clinical manifestations of Infective Endocarditis
18. Define Cellulitis
19. Name the interventions advised to prevent Deep vein Thrombosis
20. List four Causes of Acute abdomen
21. Enlist the steps in prevention of Hepatitis B
22. What are the causes for male Infertility?

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – SEP 2016

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, enumerate the cardinal signs of inflammation and describe the vascular changes in acute inflammation
2. Explain in detail the etiopathogenesis of Tuberculosis

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

3. Differentiate between Benign and Malignant growths.
4. Describe Pathology of Rheumatic heart disease.
5. Explain about Blood grouping.
6. Describe the etiopathogenesis of Embolism.

GENETICS (12 Marks)**SHORT ANSWERS****6 x 2 = 12 Marks**

7. Mention any four trisomies.
8. List down four characteristics of Autosomal dominant inheritance
9. Name any four inborn errors of metabolism
10. Name any four prenatal diagnostic tests
11. Define Gene therapy
12. Mention any four clinical manifestations of Turners syndrome

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – SEP 2016

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 oral antidiabetic drugs. Discuss the mechanism of action and adverse effects of sulfonyl-urea compounds.
2. Classify antihypertensive agents. Write the pharmacology of angiotensin converting enzyme inhibitors.

SHORT ESSAYS (Answer any four)

4 x 5 = 20 Marks

3. Pethidine
4. Metronidazole
5. Intravenous route of administration
6. Classify antiseptics with suitable examples.
7. Antacids

SHORT ANSWERS

4 x 2 = 08 Marks

8. List four tetracyclines and their uses
9. Advantages of amoxicillin over ampicillin
10. Short term regimen for tuberculosis
11. List four uses of adrenaline.

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – SEP 2016

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 sociology. Explain the importance and application of sociology in nursing
2. Explain the process of socialization and its importance
3. Explain the characteristics of primary and secondary groups

SHORT ESSAYS (Answer any Seven)

7 x 5 = 35 Marks

4. Importance of culture in the development of society
5. Characteristics of society
6. Family welfare programmes
7. Distinguish between formal and informal social control
8. Explain the characteristics of social change
9. Describe the characteristics of caste system
10. Distinguish between co-operation and competition
11. Health problems of urban community
12. Explain juvenile delinquency

SHORT ANSWERS

10 x 2 = 20 Marks

13. Mention three purposes of social control
14. Sororal polygyny
15. Ascribed status
16. Social system
17. Poverty line
18. Problems of the aged
19. Hindu marriage act
20. Accommodation
21. Cultural-lag
22. Ethnocentrism
