Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – May 2016

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. Define adverse drug reaction. Mention the various adverse drug reactions with suitable examples
2. Classify sedative and hypnotic agents. Describe the mechanism of action, adverse effects and therapeutic uses of Diazepam
3. Enumerate antimalarial drugs. Write the mechanism of action, adverse effects and therapeutic uses of Chloroquine

SHORT ESSAYS 8 x 5 = 40 Marks

4. Oral hypoglycemics
5. Drug antagonism
6. Pilocarpine
7. Antacids
8. Antiseptics
9. Valdecoxib
10. Acyclovir
11. Azithromycin

SHORT ANSWERS 10 x 2 = 20 Marks

12. Name two antidotes and their uses
13. Mention four adverse effects of Corticosterioids
14. Name four antitussives
15 Two uses and two adverse effects of Thiazides
16. What is Tachyphylaxis? Give two examples
17. Mention four newer insulin preparations
18. Propranolol is contraindicated in Bronchial asthma. Why?
19. Mention two local hemostatics and their uses
20. Name four uses of Methotrexate
21. Name two enzyme inducers

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – May 2016

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. Raman, 50years is admitted with cancer of rectum
   a)List the risk factors of cancer rectum
   b) List the clinical factors and diagnostic measures of cancer rectum
   c) Write the management of Mr Raman who has undergone colostomy based on priorty problems.
2. Mr. Vikram aged 45years is admitted to the hospital with the diagnosis of renal calculus
   a) What is renal calculus and explain the pathophysiology
   b) List the sign and symptoms and diagnostic measures
   c) Explain the treatment modalities and nursing management of renal calculi.
3. Mrs Shahina aged 60 years is admitted to the hospital with severe headache and blurring of vision. Her blood pressure is 210/180 mm of Hg
   a) What is hypertension? What are the causes of hypertension
   b) Explain the pathophysiology of hypertension
   c) Write the medical treatment and nursing management using nursing process.

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

4. Surgical management of BPH
5. Medical treatment of Peptic Ulcer
6. Skeletal Traction
7. Diagnostics test for Rheumatic Heart Disease
8. Complications of diabetes mellitus.
9. Signs and symptoms of Appendicitis
10. Anaesthesia
11. Intussusception
12. Modalities of treatment of Cancer
13. Signs and symptoms of peritonitis

SHORT ANSWERS 10 x 2 = 20 Marks

14. Types of Amputation
15 Rule of nine
16. Osteoporosis
17. Thrombo Angitis Obliterans (TAO)
18. Endoscopy
19. Glossitis
20. Portal Hypertension
21. Sitz bath
22. Hydrocoelectomy
23. Haemophilia.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – MAY 2016

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. Explain the determinants of Health with neat diagram
2. Describe the modes of disease transmission.
3. a) Define Epidemiology.
   b) Explain the methods of epidemiology. (2+8)

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

4. Food poisoning
5. Levels of disease prevention
6. Sanitary well
7. DOTS treatment
8. Water purification at small scale
9. Management of obesity
10. Disease cycle
11. Influenza
12. Different types of ventilation
13. Control and preventive measures of AIDS

SHORT ANSWERS 10 x 2 = 20 Marks

14. Family Budget
15 Emergency contraception
16. Fluorosis
17. Types of anemia
18. Prevention of worm infestation
19. Define demography
20. List out deficiency diseases of Vitamin 'A'
21. Herd immunity
22. Pasteurization of Milk
23. Define Health

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – MAY 2016

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 Freud's theory of growth and development.
2. What are food groups? Explain their role in balanced diet.
3. List and describe the factors influencing Foetal development.

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

4. Immediate adjustment of newborn.
5. Social problems of infant (1 month to 1 year).
6. Guidance during 1-5 years age of child.
7. Describe about the macronutrients.
8. Explain the effects of heat on cooking of foods.
9. Write the Psychological changes in senior citizens.
10. Importance of Growth chart.
11. Explain the purpose of cooking.
12. What are the methods of Food storage?
13. Developmental tasks of adult hood.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Mention the types of minerals.
15. Enumerate the techniques of breast feeding.
16. PICA.
17. Menarche.
18. Thumb sucking.
19. Define Recommended dietary intake.
20. Enumerate the Sources of Vitamin A.
21. Define Nutritional Anaemia.
22. Define Fatty acids.
23. RDA for protein.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – May 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 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.

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

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.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Acculturation
14. Oedipal Complex
15. Ascribed 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

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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

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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 complicaitons 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?

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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 thier uses
9. Advantages of amoxicillin over ampicillin
10. Short term regimen for tuberculosis
11. List four uses of adrenaline.

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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 indetail 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

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Rajiv Gandhi University of Health Sciences, Karnataka

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

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. a) Enlist the determinants of health. (2+8)
   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.

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Rajiv Gandhi University of Health Sciences, Karnataka

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

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

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