Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL 2017

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. Discuss briefly the nature and scope of sociology.
2. List-out various social problems in India and briefly explain the causes and remedies of overpopulation.
3. Define social stratification. Explain caste system as a form of social stratification.

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

4. Factors favoring and hindering assimilation
5. Differentiate urban and rural community.
6. Marriage and family problems in India
7. Voluntary associations
8. Types of marriage
9. Joint family system in India
10. Technology as a factor of social change
11. Community development programs in India
12. Rehabilitation of juvenile delinquents

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

13. Social mobility
14. Endogamy and exogamy
15. Cultural lag
16. Role of religion in social control
17. Racism
18. Various forms of conflict
19. Isolation
20. Assimilation
21. Social system
22. Health consequences of poverty

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL 2017

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 Diabetes Mellitus (DM).
   b) Explain the treatment modalities of DM.
   c) Brief the micro and macro vascular complications of DM.
2. Discuss the etiology, pathophysiology and diagnostic measures of acute pancreatitis. Explain the surgical management of a patient suffering from chronic pancreatitis.
3. Discuss the pathophysiology, assessment findings and the management of acute glomerulonephritis.

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

4. Risk factors for coronary artery disease
5. Urinary tract infection
6. Respiratory rehabilitation
7. Nurses responsibility in Administration of blood and blood products
8. Types of fracture
9. Hepatitis
10. Prevention of Deep Vein Thrombosis (DVT) in bed ridden patients
11. Pneumonia
12. Arrhythmias

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

13. Endocarditis
14. Orthopaedic prosthesis
15. Pneumothorax
16. Hypospadiasis
17. Post operative nursing management of thyroidectomy
18. Psoriasis
19. Hypovolaemic shock
20. Pott's spine
21. Malaria
22. Defibrillation

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL 2017

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 necessar

(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. Outline the General Principles of management of Acute Poisoning and enumerate the steps in Organophosphorus poisoning management.
2. Classify ANTICHOLINERGIC (Atropinic) drugs. Discuss the therapeutic uses and adverse effects of Atropine and its substitutes.

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

3. Metronidazole.
4. Therapeutic uses and adverse effects of ANTIHISTAMINICS.
5. Bronchodilators.
6. Therapeutic uses of GLUCOCORTICOIDS.
7. 3rd generation Cephalosporins.

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

8. Name four ANTHELMINTICS.
9. Name four ANTIEPILEPTICS.
10. Mention two oral and two Parenteral Iron preparations.
11. Name four Antihypertensives each belonging to a different group.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – APRIL 2017

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 necessar

(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 difference between benign and malignant growth.
2. Explain in detail the process of wound healing.

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

3. Explain etiopathogenesis of Primary tuberculosis.
4. Describe about Bronchial asthma.
5. Explain about the Peptic ulcer.
6. Explain Transfusion reaction.

GENETICS (12 Marks)

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

7. Name the types of chromosomes depending upon the placement of centromere.
8. Mention any four characteristics of Autosomal recessive disorders.
9. Define Barr body.
10. Application of recombinant DNA technology
11. Clinical features of Down's syndrome
12. Role of nurse in genetic counseling.

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Rajiv Gandhi University of Health Sciences, Karnataka

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 methods of contraception. (2+8)
   b) Explain the permanent method of family planning.
2. a) Define epidemiology. (2+8)
   b) Explain descriptive epidemiology in detail.
3. a) List the common nutritional problems. (2+8)
   b) Explain anemia and its management.

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

4. Explain housing standards.
5. Methods of food preservation
6. Physical activity as a determinant of health
7. Write about measurement of morbidity.
8. Explain health advice to travelers.
9. Prevention of nutritional deficiency
10. Explain small family norm
11. Signs and symptoms and prevention of Iron deficiency anemia
12. Explain epidemiological triad.

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

13. Define women empowerment.
14. Define epidemic.
15. List the agents of diarrheal diseases.
16. Define polygamy.
17. Net reproductive rate
18. Sample registration system
19. List the risk factors of hypertension.
20. Define Goiter.
21. Define carrier.
22. List any four arthropod infections.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – SEP-2017

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. What do you mean by Audio-Visual aids? Write the types of audio-visual aids. Discuss advantages and disadvantages of audio-visual aids.
2. Define Evaluation. Explain Clinical Methods of evaluation.
3. List the methods of teaching. Explain in detail Seminar and Workshop method of teaching.

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

4. Micro-teaching
5. Field trip
6. Organization of Counseling services
7. Aims, principles and functions of Education
8. Group dynamics
9. Types and Phases of interpersonal relations
10. Techniques of communication
11. Counseling process
12. Types of graphic aids. Explain about flash cards.

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

13. Elements of Communication
14. Barriers of interpersonal relations
15. Checklist
16. Principles of guidance and counseling
17. Purposes of lesson plan
18. Self-Instructional module
19. Objective Structured Clinical Examination
20. Multiple Choice Questions
21. Principles of A.V. aids
22. Methods of Mass media

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination –SEP-2017

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 anticholinergic drugs. Describe the mechanism of action, uses and adverse effects of atropine.
2. Classify drugs used for peptic ulcer. Describe mechanism of action, uses and adverse effects of proton pump inhibitors (BBIs).
3. Enumerate tetracyclines antibiotics. Write the mechanism of action, antimicrobial spectrum uses and adverse effects of doxycycline.

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

4. Oral route of drug administration – advantages and disadvantages
5. Thiazide diuretics
6. Ketamine
7. Haloperidol
8. Amikacin
9. Oral contraceptive pills
10. Cardioselective Beta blockers
11. Prazosin

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

12. Mention two preparations of calcium.
13. Mention two mucolytic agents.
14. Mention four contraindications for use for morphine.
15 Mention two antimetabolite anticancer drugs and one adverse effects of each.
16. Mention four Inhalational anesthetics.
17. Name two drugs used in treatment of organophosphate compound poisoning.
18. Write two uses of d-Penicillamine.
19. Mention two topical preparations of glucocorticoids.
20. Mention two antibiotics that act by inhibiting bacterial cell wall synthesis.
21. Mention four first line anti-tubercular drugs used in category I RNTCP regimen.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – SEP-2017

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. Vijay 36 years old is admitted to a dialysis unit with chronic renal failure.
   a) Define chronic renal failure.
   b) List down the causes and clinical manifestations of chronic renal failure.
   c) Explain in detail medical and surgical management of Mr. Vijay. (2+2+6=10)
2. a) What is ulcerative colitis?
   b) Explain the causes, pathophysiology and clinical manifestations.
   c) Discuss the nursing management and health education for a patient with ulcerative colitis. (2+3+5=10)
3. Mrs. Asha aged about 50 years is admitted to hospital with the history of Hypertension.
   a) List down risk factors of Hypertension.
   b) Explain pathophysiological process of Hypertension.
   c) Plan a health education for Mrs. Asha on life style modifications, diet and medication regime. (2+3+5=10)

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

4. Process of bone healing.
5. Types of anesthesia.
6. Principles of Intensives care unit.
7. Iron deficiency anemia.
8. Purpura.
9. Hypothyroidism.
10. Nursing management of a patient receiving chemo therapy
11. Osteoporosis.
12. Scabies.
13. Liver abscess

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

14. Compound fracture.
15 Fluid calculation in burns.
16. Hypoglycemia.
17. Barium meal.
18. Breast self examination
19. TNM classification
20. Incontinence of urine.
21. Jaundice.
22. Hemorrhoids.
23. Preventive measures of hepatitis B

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – SEP-2017

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 and explain its scope with reference to nursing.
2. a) Define social group.
   b) Describe the various classifications of social groups.
3. Define social stratification. Explain the caste as a form of social-stratification.

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

4. Characteristics of a society
5. Explain the influence of culture in health and disease.
6. Effects of population explosion
7. Functions of family
8. Discuss the Socio-Economic factors of Health and illness.
9. Explain the Health Consequences of Alcoholism.
10. List out the various Urban Health problems.
11. Explain population theory of Malthusia.
12. Explain conflict and competition as social processes.

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

13. List out stages of Socialization.
14. Diffusion of culture
15. Substance Abuse
16. Ascribed V/S Achieved Status
17. Dowry
18. Definition of Sociology
19. Child abuse
20. Cultural Lag
21. Fraternal Polyandry
22. Ethnocentrism

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – SEP-2017

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 Anemia.
   b. Explain the etiological factors, clinical manifestations and management of Iron deficiency of Anemia.
   c. Describe the role of nurse in prevention of Iron deficiency anemia.
2. a. Explain the etiopathophysiology and clinical manifestations of Pulmonary Tuberculosis.
   b. Describe the diagnostic measures and medical management of Pulmonary Tuberculosis.
   c. Prepare a health teaching plan for Pulmonary Tuberculosis.
3. Mr. Suresh is diagnosed with colorectal cancer and is posted for Colostomy.
   a. Define Colostomy.
   b. Brief the types of Colostomy.
   c. Add a note on Colostomy care.

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

4. Non pharmacological methods of pain management
5. Management of Status Asthmaticus
6. Infection control in OT
7. Post operative nursing management in Coronary Artery Bypass Graft (CABG)
8. Nephrotic Syndrome
9. Methods of Contraception
10. Complications of Diabetes Mellitus
11. Deformities of Spinal Column
12. Drug therapy in HIV infection

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

13. Prevention of Hepatitis B
14. Dermatoses
15. Enlist valvular deformities of Heart.
16. Bronchiectasis
17. Pericardial effusion
18. Myxedema
19. Psoriasis
20. Types of Cast
21. Hemorrhoids
22. Principles of Haemodialysis

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Nursing Degree Examination – SEP-2017

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. Enumerate various routes of drug administration with suitable examples. Discuss the merits and demerits of INTRAVENOUS route.
2. Classify OPIOID ANALGESICS. Discuss the therapeutic uses, adverse effects and contraindications of MORPHINE.

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

3. Name four anticholinesterases and its therapeutic uses.
4. Pre anaesthetic medication.
5. Uses and adverse effects of INSULIN.
6. Antiemetics.
7. Anticoagulants.

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

8. Define an "ANTISEPTIC"; Give two examples.
9. Name four RESERVE antitubercular drugs.
10. Name four Viral Vaccines.
11. Name four drugs useful in Hypertensive Emergencies.

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Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. (Nursing - Basic) Degree Examination – SEP-2017

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 Thrombosis. Explain its causes and mechanism of formation of intravascular thrombus
2. How do the tumours spread in the body? Explain the differences between benign and malignant neoplasms

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

3. Describe wound healing
4. Explain etiopathology of renal calculi
5. Describe Lung abscess
6. How will you collect urine for routine examination culture, biological tests?

GENETICS (12 Marks)

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

7. Mention any four structural chromosomal aberrations
8. List out any four causes of congenital anomalies
9. Types of neural tube defects
10. Define Mutation
11. Define Eugenics
12. Mention four ethical issues in the role of nurse in genetic counseling

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