Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 80 Marks

GENERAL PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY

(Revised Scheme)

Q.P. CODE: 1680

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 role of heredity and environment in causing individual differences.
2. a) Define learning.
   b) Explain Skinner's Operant conditioning theory of learning.
3. a) List-out the different types of personality.
   b) Discuss in detail about Sigmund Freud's theory of personality.

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

4. Introspection
5. Conflicts
6. Define perception. Explain errors in perception.
7. Explain the theories of emotion.
8. Discuss the nature and factors influencing creativity.
9. Scope of psychology in nursing
10. What is forgetting? Explain the organic causes of forgetting.
11. Explain the factors affecting the learning.
12. Explain the types of thinking.
13. Define attitudes. How attitudes can be changed?

SHORT ANSWERS 10 x 2 = 20 Marks

14. Super Ego
15 Educational psychology
16. Personal motives
17. Rationalization
18. Attention
19. Reward and punishment
20. Intelligence
21. Memory
22. Genes
23. Skills

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 75 Marks

PSYCHOLOGY (RS - 3)

Q.P. CODE: 1758

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 motivation. Explain the social motives. (2+8)
2. Describe personality. Explain the types of personality. (2+8)
3. Explain the stages of development of individuals. (10)

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

4. Describe introspection with its merits and demerits.
5. Role of endocrine glands on behaviour
6. Explain any two theories of intelligence.
7. Differentiate between classical conditioning and operant conditioning.
8. James Lange theory of emotion
9. How attitude can be changed?
10. Psycho-analytical theory of personality
11. What is adjustment mechanism? What are they used for?
12. Discuss different psychological assessment tests.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Define psychology.
14. Heredity and environment
15. Attention
16. Reasoning
17. Errors of perception
18. Conflict
19. Adaptation and coping
20. Characteristics of an extrovert
21. Rating scales
22. Forgetting

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 80 Marks

INTRODUCTION TO COMMUNITY HEALTH NURSING

(Revised Scheme)

Q.P. CODE: 1682

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 concepts and principles of primary health care and describe the role of community health nurse in primary health care.
2. What is sewage? Explain the steps of sewage treatment in detail
3. Define malnutrition. Explain the nutritional problem prevailing in India

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

4. Philosophy of community health nursing
5. Functions of primary health centre
6. Water pollution
7. Requirements of good lighting
8. Radiation pollution
9. Kata thermometer
10. Community Health team
11. Communication process
12. Modes of disease transmission
13. Descriptive epidemiology

SHORT ANSWERS 10 x 2 = 20 Marks

14. Acute mountain sickness
15 Slaughter house
16. Define epidemiology
17. Cold chain
18. Objectives of Health education
19. Carriers
20. Tools of measurement in epidemiology
21. Loudness
22. Define Environmental sanitation.
23. Milk borne disease

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 80 Marks

SOCIOLOGY (Revised Scheme)

Q.P. CODE: 1683

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. Write an essay on relevance of sociology in the field of nursing profession.
2. Define social change. Explain the factors of social change.
3. What is social Group? Classify social groups. Discuss the characteristics of primary group.

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

4. Types of community
5. Merits and Demerits of Caste System
6. Characteristics of Indian Village
7. Social system
8. Evaluation of City Life
9. Concepts of Cultural Lag
10. Advantages of Monogamy
11. Theories of social Change
12. Public and crowd
13. Status of Modern Women

SHORT ANSWERS 10 x 2 = 20 Marks

14. Culture and Civilization
15 Accommodation
16. Folkways and mores
17. Anticipatory socialization
18. Race
19. Status and role
20. Polyandry
21. Cultural lag
22. Name two Major Urban Social Problems
23. Tribe

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 75 Marks

MICROBIOLOGY (RS - 3)
Q.P. CODE: 1759

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. Describe the pathogenicity and laboratory diagnosis of infection caused by salmonella typhi
2. What is Amoebiasis? Discuss the pathogenicity, laboratory diagnosis of Amoebiasis and its prevention
3. Define sterilization and disinfection. Discuss applications of various disinfectants in clinical practices

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

4. ELISA and its uses
5. Paralytic poliomyelitis – clinical features and prevention
6. Different sources of infections
7. Bacterial capsule- chemical composition and functions
8. Rabies vaccines
9. Ascaris lumbricoides – life cycle, clinical features and treatment
10. Laboratory diagnosis of Diphtheria
11. Negative staining – principle and procedure
12. Stool examination for parasitic ova and cyst

SHORT ANSWERS 10 x 2 = 20 Marks

13. Write any two RNA viruses
14. Diagram of IgG
15. Name the types of hypersensitivity.
16. Name any two tape worms
17. Four phases of Bacterial growth curve
18. What are Interferons
19. Name the dermatophytes
20. Name two zoonotic diseases
21. Name any two bacterial vaccines
22. Define Antisepsis

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours Max. Marks: 40 Marks

Physiology

Q.P. Code: 1677

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

(Note: Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. Define hemostasis. Describe the mechanism of coagulation and add a note on clotting factors.
2. Enumerate the composition of gastric juice. Describe the regulation of gastric secretion and emptying.

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

3. Functions of white blood cells
4. Physiology of hearing
5. Functions of kidney
6. Functions of cerebellum
7. Describe the exchange of oxygen and carbondioxide in external and internal respiration.

SHORT ANSWERS 5 x 2 = 10 Marks

8. Neuroglia
9. List the functions of growth hormone.
10. List the hormones regulating the female reproductive cycle.
11. Define stroke volume. List the factors affecting the stroke volume.
12. Give four functions of lymph.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours | Max. Marks: 40 Marks

Biochemistry

Q.P. Code : 1678

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

(Note : Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. Describe the various steps of Glycolysis and add a note on its energetics.
2. Discuss urea cycle. Add a note on its disorders

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

3. Hormonal Regulation of blood Glucose
4. Protein calorie malnutrition
5. Essential amino acids
6. Digestion and absorption of carbohydrates
7. Respiratory alkalosis

SHORT ANSWERS 5 x 2 = 10 Marks

8. Glycosuria
9. Functions of oxytocin and vasopressin
10. Pernicious anemia
11. Coenzymes
12. Enzymes elevated in myocardial Infarction.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours Max. Marks: 60 Marks

Nutrition

Q.P. Code: 1748

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

(Note: Both QP Codes 1748 and 1749 are to be answered within total duration of 3 hours)

LONG ESSAYS (Any Two) 2 x 10 = 20 Marks

1. Classify vitamins. Explain the RDA, dietary sources, functions and deficiency of Vitamin C.
2. List the elements of balanced diet. Plan a menu for adult female with sedentary lifestyle.
3. Define nutrition. Explain the role of food in health and its medicinal values with examples.

SHORT ESSAYS (Any Five) 5 x 5 = 25 Marks

4. Deficiencies and Over-consumption of carbohydrate
5. Nutritional problems in India
6. Prevention of food adulteration
7. Dietary sources, functions and deficiency diseases of iodine
8. Describe the causes, signs and symptoms, and management of dehydration.
9. Nutrition education and role of nurse
10. Describe methods of preserving food.

SHORT ANSWERS 5 x 3 = 15 Marks

11. BMI calculation
12. What is therapeutic diet?
13. List the four agencies working towards food and nutrition.
14. Sources of plant protein
15. Composition of body fluid

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours Max. Marks: 40 Marks

Biochemistry

Q.P. Code: 1749

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

(Note: Both QP Codes 1748 and 1749 are to be answered within total duration of 3 hours)

LONG ESSAYS (Any One) 1 x 10 = 10 Marks

1. Discuss the mechanisms that maintain the blood glucose level.
2. Describe the digestion and absorption of proteins.

SHORT ESSAYS (Any Three) 3 x 5 = 15 Marks

3. Biosynthesis and regulation of Cholesterol
4. Describe the factors influencing enzyme activity.
5. Briefly describe the types of immunoglobins.
6. Explain the lipoproteins and their functions.

SHORT ANSWERS 5 x 3 = 15 Marks

7. Write the normal range of (a) Serum Sodium (b) Serum Calcium.
8. Mitochondria
9. Write three functions of Vitamin A.
10. Ketosis
11. Benedict's test

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours | Max. Marks: 37 Marks

Anatomy

Q.P. Code : 1753

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) — 1 x 10 = 10 Marks

1. Name the parts of CNS. Describe cerebrum in detail.
2. Name the organs of GI tract. Describe liver in detail.

SHORT ESSAYS (Answer any Three) — 3 x 5 = 15 Marks

3. Kidney
4. Trachea
5. Shoulder joint
6. Neuron (Nerve cell diagram)

SHORT ANSWERS — 6 x 2 = 12 Marks

7. Name four structures of root of lung
8. Name four parts of pancreas
9. Name four carpal bones
10. Classification of tissues
11. Name four muscles of abdomen
12. Name organs of lower respiratory tract.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours | Max. Marks: 38 Marks

Physiology

Q.P. Code : 1754

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

(Note : Both QP Codes 1753 and 1754 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) — 1 x 10 = 10 Marks

1. Describe in detail about functions of growth hormone.
2. Describe the pathway of coagulation. Add a note on anti coagulants.

SHORT ESSAYS (Answer any Four) — 4 x 5 = 20 Marks

3. Middle ear
4. Testosterone
5. Functions of saliva
6. Neural regulation of respiration
7. Composition of CSF

SHORT ANSWERS — 4 x 2 = 8 Marks

8. Myasthenia gravis
9. Rh incompatibility
10. Meosis
11. Oogenesis

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours Max. Marks: 40 Marks

Physiology

Q.P. Code : 1677

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

(Note : Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. Name the respiratory centres and describe neural regulation of respiration.
2. Classify Leucocytes. Describe their morphology. Add a note on its functions.

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

3. Enumerate the functions of stomach
4. Draw a neat, labeled diagram of neuro muscular junction. What is Myasthenia Gravis?
5. Describe actions of growth hormone
6. Name the family planning methods in both males and females
7. Glomerular Filtration rate

SHORT ANSWERS 5 x 2 = 10 Marks

8. Functions of cerebellum
9. Draw a neat, labeled diagram of neuron.
10. List differences between first and second heart sound
11. Mention any two lung volumes and two lung capacities. What is their normal value?
12. List four functions of plasma proteins

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours Max. Marks: 40 Marks

Biochemistry

Q.P. Code: 1678

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

(Note: Both QP Codes 1677 and 1678 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. Describe the normal physical characteristics of urine and write on chemical components of urine and their significance.
2. Classify Carbohydrates. Explain the metabolism of Carbohydrates.

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

3. Creatinine clearance test
4. Respiratory Alkalosis
5. Renal regulations of Blood pH
6. Describe the digestion of proteins. How are the amino acids absorbed?
7. Explain the lipoproteins and their functions.

SHORT ANSWERS 5 x 2 = 10 Marks

8. Hyperglycaemia
9. Pellagra
10. Functions of Vitamin A
11. Dietary sources of Vitamin K
12. Write the normal range of (a) Serum Cholesterol, (b) Serum Bilirubin, (c) Fasting Blood Sugar and (d) Blood Urea.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. (Nursing - Basic) Degree Examination – October 2015

Time: Three Hours Max. Marks: 80 Marks

BASIC PRINCIPLES & PRACTICE OF NURSING (Revised Scheme)

Q.P. CODE: 1679

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 health and illness.
   b) Explain the Health Illness continuum with diagram. (2+8)

2. a) Define admission.
   b) List the types of admission.
   c) Explain the admission procedure. (2+4+4)
3. a) Define respiration.
   b) Explain the characteristics of respiration.
   c) List the types of abnormal respiration. (2+3+5)

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

4. Stages of illness
5. Phases of interpersonal relationship
6. Roles and responsibilities of a nurse
7. Explain briefly on the different agencies providing patient care.
8. Principles of communication
9. Types of special beds
10. Intake and output chart
11. Methods used in physical examination
12. Nurse's responsibility before and after Thoracentesis
13. Care of an unconscious patient

SHORT ANSWERS 10 x 2 = 20 Marks

14. Define Rigor mortis.
15. Define Pulse pressure.
16. Meaning of critical thinking in nursing
17. Types of fever
18. Care of rubber goods
19. Differentiate between medical and nursing diagnosis
20. List down the types of traction.
21. Management of constipation
22. Define Sitz bath.
23. Urinalysis

*****

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – October 2015

Time: Three Hours Max. Marks: 100 Marks

NURSING FOUNDATION (Revised Scheme 2)

Q.P. CODE: 1750

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS (Any Two) 2 x 10 = 20 Marks

1. a) Describe the different routes of medicine administration.
   b) Explain the nurse's legal responsibilities in medication administration.
2. a) Define infection.
   b) Describe the chain of infection transmission.
   c) Explain the prevention of nosocomial infection.
3. a) Describe the communication process.
   b) Explain the barriers of communication.

SHORT ESSAYS (Any Ten) 10 x 5 = 50 Marks

4. Types of hospital waste
5. Factors influencing pain and types of pain
6. Care of urinary catheter
7. Administering nasal instillation
8. Complications of wound healing
9. Standard safety precautions
10. Care of a patient with Decubitus ulcer
11. Types of enema
12. Roles and responsibilities of a nurse during an admission of a patient
13. What is Health care team? Write about functions of various health care team members.
14. Write about the components of Nursing diagnosis.
15. Care of rubber goods

SHORT ANSWERS 10 x 3 = 30 Marks

16. Surgical asepsis
17. Importance of records and reports
18. Types of restraints
19. What is Sitz bath? List the purposes.
20. Pulse oximetry
21. Write about four methods of physical examination.
22. Euthanasia
23. Functions of hospital
24. What is Dyspnoea?
25. Define Autopsy. List the indications.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – October 2015

Time: Three Hours | Max. Marks: 75 Marks

NURSING FOUNDATION (RS - 3)

Q.P. CODE: 1757

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 the term Profession. What are the a) Characteristics of a Profession. b) Justify Nursing as a Profession.
2. Define communication. Explain the importance of communication in nursing. What are the essentials of good communication?
3. Define pulse, list the sites for taking pulse. Explain the characteristics of a pulse in detail.

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

4. Methods of physical examination.
5. Care of patient with pressure sore.
6. Health-illness continnum.
7. Qualities of a Nurse.
8. Levels of health care.
9. Nursing responsibility in oxygen administration.
10. Records and reports.
11. Fluid and electrolyte imbalance.
12. Caring an unconscious patient.

SHORT ANSWERS 10 x 2 = 20 Marks

13. What is Postural drainage?
14. Define Sitz bath.
15. Meaning of Isolation.
16. Complications of wound healing.
17. Euthanasia.
18. Purpose of history collection.
19. Functions of a hospital.
20. Evaluation in nursing process.
21. Complications of neglected mouth.
22. Care of patient with pyrexia.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 100 Marks

PSYCHOLOGY (RS - 2)

Q.P. CODE: 1751

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

LONG ESSAYS (Any Two) — 2 x 10 = 20 Marks

1. What is a Motive? Explain the different types of motives.
2. Describe the assessment of personality.
3. Explain Ego defense mechanisms.

SHORT ESSAYS (Any Ten) — 10 x 5 = 50 Marks

4. Briefly discuss clinical psychology.
5. Explain the relevance of psychology to nursing.
6. Discuss the characteristics of sensation.
7. Explain the factors determining perception.
8. Explain trial and error learning.
9. Write a note on the uses of intelligence tests.
10. Discuss the causes of individual differences.
11. Discuss Cannon-Bard theory of emotions.
12. Scope of Psychology
13. Discuss study habits.
14. Explain Maslow's theory of need hierarchy.
15. Explain the characteristics of a mentally healthy person.

SHORT ANSWERS — 10 x 3 = 30 Marks

16. Endocrine glands
17. Illusion
18. Learning
19. Amnesia
20. Intelligent Quotient
21. Aptitude
22. Conflicts
23. Creativity
24. Sublimation
25. Extrovert

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 75 Marks

PSYCHOLOGY (RS - 3)

Q.P. CODE: 1758

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 thinking.
   b) Describe favourable elements in thinking.
2. a) Define personality.
   b) Explain in detail about psychoanalytic theory of personality.
3. a) Define psychology.
   b) Explain its nature and scope with special reference to nursing.

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

4. Explain the sources of stress.
5. Factors affecting perception
6. Attitudes during health and illness
7. Methods of memorizing
8. Describe the laws of learning.
9. Explain different types of defence mechanism.
10. Role of a nurse in psychological assessment
11. Grief and stages of grief
12. Techniques of controlling emotions

SHORT ANSWERS 10 x 2 = 20 Marks

13. Behavior
14. Illusions
15. Transfer of learning
16. Reasoning
17. Likert attitude scale
18. Super ego
19. Physical traits
20. Competition
21. Experimental psychology
22. Incentives

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 100 Marks

PSYCHOLOGY (RS - 2)

Q.P. CODE: 1751

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

LONG ESSAYS (Any Two) — 2 x 10 = 20 Marks

1. What is a Motive? Explain the different types of motives.
2. Describe the assessment of personality.
3. Explain Ego defense mechanisms.

SHORT ESSAYS (Any Ten) — 10 x 5 = 50 Marks

4. Briefly discuss clinical psychology.
5. Explain the relevance of psychology to nursing.
6. Discuss the characteristics of sensation.
7. Explain the factors determining perception.
8. Explain trial and error learning.
9. Write a note on the uses of intelligence tests.
10. Discuss the causes of individual differences.
11. Discuss Cannon-Bard theory of emotions.
12. Scope of Psychology
13. Discuss study habits.
14. Explain Maslow's theory of need hierarchy.
15. Explain the characteristics of a mentally healthy person.

SHORT ANSWERS — 10 x 3 = 30 Marks

16. Endocrine glands
17. Illusion
18. Learning
19. Amnesia
20. Intelligent Quotient
21. Aptitude
22. Conflicts
23. Creativity
24. Sublimation
25. Extrovert

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 80 Marks

INTRODUCTION TO COMMUNITY HEALTH NURSING
(Revised Scheme)

Q.P. CODE: 1682

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 community health and community health nursing
   b) Explain briefly principles of community health nursing
2. Describe in detail with relevant examples the determinants of community health
3. Discuss in detail methods of solid waste disposal appropriate for urban and rural areas

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

4. Minimum standards for slaughter houses
5. Adulteration of foods
6. Measures for primary prevention of PEM in the community
7. Steps in well disinfection
8. Natural and physical agents of disinfection
9. Measures for control of noise
10. Sanitary well
11. Describe the working of a septic tank
12. Methods of group health education
13. Communicable disease problems in India

SHORT ANSWERS 10 x 2 = 20 Marks

14. Crude death rate
15 Prophylaxis for xeropthalmia
16. Vitamin E deficiency
17. Zoonosis
18. Growth chart
19. Scurvy
20. Goals of community health nursing
21. Isolation
22. Quarantine
23. Rich vegetarian sources of iron

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 100 Marks

MICROBIOLOGY (RS - 2)

Q.P. CODE: 1752

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

LONG ESSAYS (Any Two) 2 x 10 = 20 Marks

1. Define Nosocomial infection. Discuss the various methods to prevent hospital infections.
2. Define and classify immunity. Discuss nonspecific immunity.
3. Discuss the morphology, lifecycle and laboratory diagnosis of ascaris lumbricoides.

SHORT ESSAYS (Any Ten) 10 x 5 = 50 Marks

4. Bacterial toxins
5. Life cycle of Plasmodium falciparum in man
6. Agglutination reactions
7. Laboratory diagnosis of hepatitis B virus infection
8. Hot-air oven
9. Anaphylaxis
10. Bacterial flagella
11. Growth requirement of bacteria
12. IgE antibody
13. Examination of blood for parasites
14. Acid fast stain
15. Laboratory diagnosis of syphilis

SHORT ANSWERS 10 x 3 = 30 Marks

16. Names three Non bile stained ova in stool
17. Neat diagram of a bacterial cell and label
18. Name 3 viruses causing sexually transmitted infection
19. MMR
20. Botulism and types
21. Four diseases caused by Candida Albicans
22. Name three vectors and the diseases transmitted by them
23. Chocolate agar
24. Coagulase test
25. Montoux test

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 75 Marks

MICROBIOLOGY (RS - 3)
Q.P. CODE: 1759

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 hypersensitivity. Briefly write about Type I hypersensitivity.
2. Describe the pathogenicity and laboratory diagnosis of pulmonary tuberculosis and add a note on RNTCP.
3. Define Nosocomial infection. Explain source and mode of transmission of Nosocomial infection. What are the steps taken to control such infections?

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

4. Bacterial spore
5. Hot air oven
6. Laboratory diagnosis of syphilis
7. Candida albicans
8. Laboratory diagnosis of Hepatitis B virus infection
9. Life cycle of Plasmodium falciparum in man
10. Immunisation schedule
11. Bacterial exotoxins
12. Immunoglobulin G (IgG)

SHORT ANSWERS 10 x 2 = 20 Marks

13. Name two gaseous disinfectants.
14. Define an antigen.
15. Draw a neat, labeled diagram of bacterial growth curve.
16. Name two bile stained ova.
17. Draw a neat, labeled diagram of trophozoite of Entamoeba histolytica.
18. Define enriched media. Give one example.
19. Name two RNA viruses.
20. Name two bacteria causing sexually transmitted disease.
21. Write the steps of Gram staining.
22. Define mechanical vector and biological vector.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours | Max. Marks: 50 Marks

Anatomy

Q.P. Code : 1746

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

(Note : Both QP Codes **1746** and **1747** are to be answered within total duration of 3 hours)

LONG ESSAYS (Any one) 1 x 10 = 10 Marks

1. Classify the joints. Describe shoulder joint in detail.
2. Describe the gross structure of liver with neat diagrams.

SHORT ESSAYS (Any five) 5 x 5 = 25 Marks

3. Epithelium
4. Cerebellum
5. Deltoid muscle
6. Tongue
7. Right lung
8. Lymph node
9. Right atrium

SHORT ANSWERS 5 x 3 = 15 Marks

10. Skull bones
11. Name any three cartilages of larynx
12. Name the parts of nephron
13. Name the parts of uterine tube
14. Femoral artery

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 80 Marks

ANATOMY (Revised Scheme)

Q.P. CODE: 1676

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 the joints. Describe the synovial joints in detail.
2. Name the parts of the urinary system. Describe the urinary bladder in detail.
3. Name the parts of the respiratory system. Describe the lung in detail.

SHORT ESSAYS 8 x 5 = 40 Marks

4. Tongue
5. Ovary
6. Prostate
7. Pancreas
8. Gluteus maximus
9. Salivary glands
10. Cerebellum
11. Skin

SHORT ANSWERS 10 x 2 = 20 Marks

12. Name the openings present in the right atrium.
13. Name four cranial nerves.
14. Parts of pharynx.
15 Histology of artery and vein
16. Name the endocrine glands.
17. Name the ear ossicles.
18. Name four branches of brachial artery.
19. Draw and label the structure of Neuron.
20. Mention two differences between the large and small intestine.
21. Name the Skull bones.

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours Max. Marks: 50 Marks

Anatomy

Q.P. Code : 1746

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

(Note : Both QP Codes **1746** and **1747** are to be answered within total duration of 3 hours)

LONG ESSAYS (Any one) 1 x 10 = 10 Marks

1. Describe in detail about the Anatomy of Uterus.
2. Describe in detail about the Anatomy of Kidney.

SHORT ESSAYS (Any five) 5 x 5 = 25 Marks

3. Vermiform appendix
4. Nephron
5. Skin
6. Elbow joint
7. Hip joint
8. Pons
9. Testis

SHORT ANSWERS 5 x 3 = 15 Marks

10. What are the major openings in the diaphragm (thoraco –abdominal diaphragm)
11. What are the parts of vertebra
12. Name the menigeal coverings of the brain
13. Ligaments of Uterus
14. Vagina

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours Max. Marks: 50 Marks

Physiology

Q.P. Code : 1747

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

(Note : Both QP Codes **1746** and **1747** are to be answered within total duration of 3 hours)

LONG ESSAYS (Any one) 1 x 10 = 10 Marks

1. Explain the basis of classification of blood groups. Explain the ABO system of blood group. Add a note on Rh incompatibility.
2. Describe the different phases of menstrual cycle with a neat diagram.

SHORT ESSAYS (Any five) 5 x 5 = 25 Marks

3. Stages of Deglutition
4. Oxygen dissociation curve
5. Micturition reflex
6. Insulin
7. Short term regulation of blood pressure
8. Functions of Thyroid hormone
9. Synaptic transmission

SHORT ANSWERS 5 x 3 = 15 Marks

10. Mention three errors of refraction and its correction.
11. Name any three ascending tracts & the sensations carried by them.
12. Functions of skin
13. Properties of nerve fibers
14. Cyanosis

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours Max. Marks: 45 Marks

Nutrition

Q.P. Code : 1755

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary
(Note : Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. Discuss the steps involved in planning diet for lactating mother and prepare menu plan.
2. a) Classify Carbohydrate
   b) Write about digestion, absorption, and metabolism of carbohydrate.

SHORT ESSAYS (Answer any Five) 5 x 5 = 25 Marks

3. Role of nurse in nutrition education
4. Functions, sources and classification of protein
5. Fluid diet
6. Mid day meal
7. Foods standards
8. Weaning

SHORT ANSWERS 5 x 2 = 10 Marks

9. Complementary feeding
10. Grilling
11. Macronutrients
12. Food Adulteration
13. FAO

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: 3 Hours Max. Marks: 30 Marks

Biochemistry

Q.P. Code: 1756

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

(Note: Both QP Codes 1755 and 1756 are to be answered within total duration of 3 hours)

LONG ESSAYS (Answer any One) 1 x 10 = 10 Marks

1. Describe sources, RDA, biochemistry, functions and deficiency manifestation of vitamin D.
2. Enumerate the reactions of Glycolysis. Add a note on its energetics.

SHORT ESSAYS (Answer any Two) 2 x 5 = 10 Marks

3. Polysaccharides
4. Renal regulations of blood pH
5. Define and classify lipoproteins. Mention their significance.

SHORT ANSWERS 5 x 2 = 10 Marks

6. Benedict's test
7. Name the Ketone bodies.
8. Pellagra
9. Name bile salts and its role in digestion.
10. Normal serum level of Sodium and Total Cholesterol

*****

Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours | Max. Marks: 80 Marks

SOCIOLOGY (Revised Scheme)

Q.P. CODE: 1683

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 caste. Explain the features of caste system in India, present and past.
2. What is rural community? Explain in brief the salient features of a rural community.
3. Define family. Explain the types and functions of family.

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

4. Types of Co-operation
5. Types of Social System
6. Difference between Society and Community
7. Co-operation and competition
8. Types of Conflict
9. Problems of working women
10. Types of marriage
11. Role of Primary Group in Health
12. Types of social control
13. Industrialization and its Impact on Health

SHORT ANSWERS 10 x 2 = 20 Marks

14. Caste system
15 Urbanization
16. Race
17. Individualization
18. Dowry prohibition Act,1961
19. Social group
20. Ascribed status
21. Westernization
22. Poverty
23. Cultural lag

*****