# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – April 2014

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. What are the bones involved in forming the elbow joint? What type of joint is the elbow joint? Name the flexor and extensor muscles of this joint.
2. What are the features seen on the surface of the tongue? Mention the motor and sensory nerve supply of the tongue.
3. Mention external female sex organs. Describe in detail uterus.

SHORT ESSAYS 8 x 5 = 40 Marks

4. Suprarenal gland
5. Fallopian tube
6. Microscopic structure of the bone
7. Microscopic structure of lymph node
8. Cartilage
9. Right atrium
10. Thoracic duct
11. Valves of the heart

SHORT ANSWERS 10 x 2 = 20 Marks

12. VAS deferans
13. Movements at the shoulder joint
14. Muscles supplied by the oculomotor nerve
15 Radial artery
16. Lobes of the cerebral hemisphere
17. Gluteal muscles
18. Parts of a typical vertebra
19. Ear ossicles
20. What are the branches of trigeminal nerve?
21. Name the hamstring muscles.

# Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. (Nursing - Basic) Degree Examination – April 2014

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 medicine
   b) Enlist the routes of medicine administration
   c) Explain principles to be followed while administering medication.
2. a) Write the causes for pressure sore.
   b) Explain the nurses responsibilities in prevention of pressure sore.
3. a) Define Pyrexia
   b) Types of Pyrexia
   c) Nurses responsibility in managing patients with pyrexia

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

4. Care of unconscious patient
5. Role of nurse in collection of specimens
6. Types of enema
7. Nursing care of a patient with diarrhea
8. Hand washing
9. Principles of bandaging
10. Menstrual Hygiene
11. Intake output chart
12. Nursing care plan
13. Care of the body after death

SHORT ANSWERS 10 x 2 = 20 Marks

14. Evaluation
15 Recording
16. Nosocomial infection
17. ROM
18. Purpose of positioning
19. Family Nurse
20. Diuretics
21. Rehabilitation
22. Quarantine
23. Hospice

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – April 2014

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. Define learning and explain the types of learning
2. Examine the theories of personality
3. Explain the methods of psychology with its merits and demerits

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

4. Explain the importance of personality in nursing
5. Describe the factors influencing perception
6. Enumerate the factors causing individual differences
7. Explain the principles of heredity
8. Discuss laws of learning
9. Explain determinants of attention
10. Write a note on concept development
11. Narrate the scope of educational psychology
12. Write about organization of personality
13. Define intelligence and explain different types of intelligence tests

SHORT ANSWERS — 10 x 2 = 20 Marks

14. Personality structure
15 Steps in creativity
16. Ego defense mechanism
17. Reasoning and types of reasoning
18. Transfer of training
19. Distraction of attention
20. Levels of functioning
21. Distribution of intelligence
22. Motivational cycle
23. Self actuatlization

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – April 2014

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. Name the various classes of immunoblobulins. Describe the structure and properties of immunoglobulin G.
2. Discuss the laboratory diagnosis of Pulmonary tuberculosis.
3. Describe the life cycle of Echinococcus granulosis. Add a note on laboratory diagnosis of hydatid cyst.

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

4. Hot air oven
5. Prophylaxis for Tetanus
6. Coagulase test
7. Koch's postulates
8. Laboratory diagnosis of infections caused by Haemophilus influenza
9. Laboratory diagnosis of HIV infection
10. Bacterial spore
11. Herpes simplex virus
12. Negative staining
13. Laboratory diagnosis of malaria

SHORT ANSWERS 10 x 2 = 20 Marks

14. Name two sexually transmitted diseases.
15 Name two viruses causing respiratory tract infections.
16. MMR vaccine
17. Name two opportunistic infections in AIDS patients.
18. Name two enriched media.
19. Name two applications of ELISA.
20. Name two bile stained eggs.
21. List four bacteria causing urinary tract infections.
22. Name two RNA viruses.
23. Draw the diagram of Hepatitis B virus.

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – April 2014

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. Define primary health care. Explain the principles of primary health care and describe the role of nurse in primary health care.
2. List the public health importance of excreta disposal and explain the methods of excreta disposal
3. State the ecology of malnutrition. Explain the methods of nutritional status assessment.

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

4. Determinants of Community Health Nursing
5. Principles of Community Health Nursing
6. Health problems of India
7. Analytical epidemiology
8. Health advice to travelers
9. Mid-day meal programme
10. Food borne diseases
11. Housing standards
12. Types of ventilation
13. Globe thermometer

SHORT ANSWERS 10 x 2 = 20 Marks

14. Safe and wholesome water
15 Orthotolidine test
16. Biological effect of radiation
17. Global warming
18. Overcrowding
19. Surveillance
20. Functions of iron
21. Host
22. Carriers
23. Food Standards

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – April 2014

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 and explain the importance of sociology in the field of Nursing Profession.
2. Define socialization and explain the stages of socialization.
3. Define caste system. Explain the characteristics of caste system.

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

4. Characteristics of rural community
5. Marriage and family problems in India
6. Characteristics of culture
7. Informal means of social control.
8. Technological factors of social change
9. Co-operation and competition
10. Forms of marriage
11. Hindu Joint Family system
12. Caste in India today
13. Difference between primary and secondary group

SHORT ANSWERS 10 x 2 = 20 Marks

14. Monogamy
15 Public and audience
16. Conflict
17. Tribal welfare
18. Community
19. Family welfare services
20. Population explosion
21. Folk ways
22. Race
23. Crime

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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 joints. Describe synovial joint.
2. Mention the parts of alimentary canal. Describe pharynx in detail.

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

3. Pancreas
4. Gluteus medius and minimus
5. Nephron
6. Fibrocartilage
7. Gall bladder
8. Structure of lymph node
9. Blood supply of long bones

SHORT ANSWERS 5 x 3 = 15 Marks

10. Mitochondria
11. Tonsil
12. Umbilical cord
13. Femur
14. Tongue

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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. Name the hormones of anterior pituitary gland. Explain the functions of growth hormones. Add a note on acromegaly
2. Define blood pressure with its normal values. Explain the regulation of blood pressure

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

3. Composition and functions of saliva
4. Trace the touch pathway
5. Describe oxygen – hemoglobin dissociation curve with factors affecting it
6. Explain the formation of urine
7. Erythropoiesis
8. Mention contraceptive methods in men and women
9. Describe complications of blood transfusion

SHORT ANSWERS 5 x 3 = 15 Marks

10. Function of stomach
11. Draw & label ECG
12. Define active transport with one example
13. Milk ejection reflex
14. Functions of middle ear

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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. Define nutrition. Explain the methods of nutrition education and the role of a nurse in it
2. Define vitamins. Explain the functions, sources and deficiencies of water soluble vitamins
3. Describe the steps in meal planning. Explain the diet plan for a lactating woman

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

4. Nutritional assessment
5. Food preservation
6. Sources functions and deficiency of Iodine
7. Vit A prophylaxis programme
8. Over consumption of fat
9. Weaning
10. Protein energy malnutrition

SHORT ANSWERS 5 x 3 = 15 Marks

11. Poaching
12. Phrynoderma
13. Food adulteration
14. Obesity
15. Diabetic diet

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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 Beta – oxidation of Fatty acids. Add a note on its energetics
2. Describe the sources, R D A, biochemical functions and deficiency manifestations of vitamin A

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

3. Hormonal regulation of blood sugar levels
4. Biologically important compounds formed from the aminoacid Glycine
5. Glycogenolysis
6. Factors influencing enzyme activity

SHORT ANSWERS 5 x 3 = 15 Marks

7. Essential aminoacids
8. Beri beri
9. Glycosuria
10. Respiratory acidosis
11. Mention the normal serum levels of
    a) calcium b) Phosphorous c) Creatinine

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# Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – April 2014

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. Explain the concept of health, cause and risk factors for developing illness
2. Explain the health care agencies
3. What is a profession? What are the characteristics of a profession and explain the philosophy of nursing

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

4. Medico – legal issues
5. Roles and responsibilities of the nurse
6. History of nursing in India
7. Qualities of the nurse
8. Segregation of hospital wastes
9. Collection of data
10. Nursing diagnosis
11. Documentation and reporting
12. Methods of effective communication
13. Empathy skills
14. Care of patient with catheter
15. Alterations in pulse

SHORT ANSWERS 10 x 3 = 30 Marks

16. Dyspnoea
17. Hypotension
18. Indent
19. Inventory
20. Ventilation
21. Pests control
22. Physical hazards
23. Restraints
24. Rest and sleep
25. Condom drainage

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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. Name the intestinal Amoebae. Describe in detail pathogenesis and laboratory diagnosis of intestinal amoebiasis
2. Enumerate viruses causing Hepatitis. Describe laboratory diagnosis and prophylaxis of Hepatitis “B” infection
3. Discuss the pathogenesis, clinical features and laboratory diagnosis of enteric fever

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

4. Type IV hypersensitivity reaction
5. Louis Pasteur
6. Bacterial capsule
7. Moist heat sterilization
8. Selective media
9. Duties of infection control nurse
10. Universal precautions
11. DPT vaccine
12. Laboratory diagnosis of Gonorrhoeae
13. Malignant pustule
14. Laboratory diagnosis of whooping cough
15. Laboratory diagnosis and complications o Hydatid diseases

SHORT ANSWERS 10 x 3 = 30 Marks

16. Define Nosocomial infection. Give four examples for Nosocomial infection
17. Name 3 bacteria that cause meningitis
18. Sterilization of operation theatre
19. Draw neat, labeled diagram of fertilized and unfertilized eggs of ascaris lumbricoides
20. Swine flu
21. Enumerate fungi causing subscutaneous mycosis. What is Rhinosporidiosis
22. Oral thrush
23. Draw neat diagram of HIV virus and label
24. Enumerate four fungi causing opportunistic mycoses. What is mucormycosis
25. Central sterile supply department (CSSD)

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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. Enumerate the parts of urinary system. Describe the gross anatomy of urinary bladder.
2. Mention the parts of digestive system. Describe the stomach in detail.

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

3. Gluteus maximus muscle
4. Right
5. Supports of uterus
6. Larynx

SHORT ANSWERS 6 x 2 = 12 Marks

7. Name the Fibrous joints
8. Great saphenous vein
9. Deltoid muscle
10. Name the branches of external carotid artery.
11. Name three extrinsic muscles of tongue.
12. Lymphatic drainage of breast

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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 the transmission of impulse across neuromuscular junction. Add a note on myasthenia gravis.
2. Discuss in detail the calcium regulation of the body.

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

3. Referred pain
4. Pregnancy tests
5. Jaundice
6. Composition of gastric juice
7. Classify nerve fibers.

SHORT ANSWERS 4 x 2 = 8 Marks

8. Radial pulse
9. Goitre
10. Safe period
11. Erythoblastosis foetalis

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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. Explain the methods of cooking. Write briefly on the effect of heat on food constituents.
2. Classify the Vitamins. Explain about the functions, sources and deficiencies of fat soluble vitamins.

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

3. Explain the methods of assessment of nutritional status.
4. Define food preservation and Write its principles.
5. Write the absorption and metabolism of iron.
6. Define balanced diet. Write the role of nutrition in maintaining health.
7. Functions of proteins
8. Determination of basal metabolic rate

SHORT ANSWERS 5 x 2 = 10 Marks

9. Expand: CARE, FAO
10. Steaming
11. List out the macro and micro minerals
12. Define Nutrition and Health.
13. Give good sources of Vitamin C.

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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 the sources, biochemical functions, requirement and deficiency manifestations of Vitamin D.
2. What are ketone bodies? How are they formed and utilized in the body?

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

3. Denaturation of proteins
4. Essential Fatty Acids
5. Why is sucrose a non reducing sugar?

SHORT ANSWERS 5 x 2 = 10 Marks

6. Anomers
7. Ketone bodies
8. Name the bile salts and their function
9. Benedict's test
10. Give the normal levels of serum calcium and blood urea

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# Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – April 2014

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. A. Write the factors affecting body temperature. B.) Explain the nursing management of a patient with hyperpyrexia.
2. A. Write the factors influencing health. B.) write the impact of illness on the client family.
3. A. Define wound. B.) Give the classification of wound. C.) Write the purpose of dressing.

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

4. Cold applications.
5. Health care team.
6. Body mechanics.
7. Admission procedure.
8. Positions used in nursing.
9. Characteristics and factor affecting respiration.
10. Preparation of patient and unit for physical exam.
11. Disposables and reusables.
12. Activities of daily living.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Dyspnea.
14. Assessment of pain.
15. Enema.
16. Types of Hospital waste.
17. Rights of medication.
18. Disinfection and sterilization.
19. Urinalysis.
20. Autopsy.
21. Ill effects of neglected oral hygiene.
22. Nosocomial infection.

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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 Psychology and explain the methods of psychology.
2. Explain theories of emotions and what do you mean by emotional stress.
3. How is personality assessed? What are the types of personality?

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

4. What is the role of hereditary and environment in shaping behaviour?
5. Distribution of intelligence.
6. Nature and factors influencing creativity.
7. What is thinking? Describe types of thinking.
8. Nature and biological causes of forgetting.
9. What is Intelligent Quotient (I.Q.)? Discuss the present status of intelligence tests and its uses in nursing.
10. Role of nurse and attitude.
11. Explain the role of emotions in health and sickness.
12. Problem solving.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Conflicts.
14. Extrasensory perception.
15. Span of attention.
16. Social motives.
17. Amenesia.
18. Self actualization.
19. Genius.
20. Abstract thinking.
21. Genes.
22. Steps involved in creative thinking.

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – April 2014

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. Define immunity. Classify immunity and explain in detail about innate immunity.
2. Mention four different species causing Malaria. Explain life cycle of any one in detail with lab diagnosis prevention and treatment
3. Classify mycobacteria. Discuss the pathogenicity and the laboratory diagnosis of Mycobacterium tuberculosis

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

4. Widal test
5. Use of Radiations in sterilization
6. Nosocomial infections-their development and control
7. Bacterial Growth curve
8. Hepatits B virus
9. Taenia solium – life cycle, clinical features and treatment
10. Candida albicans
11. Gram's staining – principle and procedure
12. Mention antibiotic sensitivity tests and explain anyone in detail

SHORT ANSWERS 10 x 2 = 20 Marks

13. Write any two functions of Bacterial capsule
14. Diagram of a autoclave
15. Name any two sexually transmitted diseases causing viruses
16. Name the dermatophytes
17. Name the antibodies
18. What is Incineration
19. Write any two universal precautions
20. Name two popular polio vaccines
21. Define sterilization
22. What are vectors

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – September 2014

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. What are the bones involved in forming the elbow joint? What type of joint is the elbow joint? Name the flexor and extensor muscles of this joint.
2. What are the features seen on the surface of the tongue? Mention the motor and sensory nerve supply of the tongue.
3. Mention external female sex organs. Describe in detail uterus.

SHORT ESSAYS 8 x 5 = 40 Marks

4. Suprarenal gland
5. Fallopian tube
6. Microscopic structure of the bone
7. Microscopic structure of lymph node
8. Cartilage
9. Right atrium
10. Testis
11. Valves of the heart

SHORT ANSWERS 10 x 2 = 20 Marks

12. VAS deferens
13. Movements at the shoulder joint
14. Muscles supplied by the oculomotor nerve
15 Radial artery
16. Lobes of the cerebral hemisphere
17. Gluteal muscles
18. Parts of a typical vertebra
19. Ear ossicles
20. What are the branches of trigeminal nerve?
21. Name the hamstring muscles.

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – September 2014

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

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – September 2014

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.

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Rajiv Gandhi University of Health Sciences, Karnataka

# Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. (Nursing - Basic) Degree Examination – September 2014

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) Describe in detail about the health illness continuum.
2. a) Describe techniques in meeting hygienic needs of a client
   b) Explain menstrual hygiene
3. a) Explain the characteristics of pulse
   b) Enumerate the factors responsible for variation in pulse rate

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

4. General principles of drug therapy
5. Objectives and principles of first aid
6. Write about Progressive patient care.
7. Functions of Rehabilitation team
8. Explain about Electro cardiogram in brief.
9. Define admission. Explain the role of nurse in an admission procedure.
10. Define Interview and explain the interview process.
11. Care of unconscious patient
12. Explain the components of Nursing diagnosis.
13. Explain the types of breathing exercises.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Define posture
15 What is the difference between active and passive exercise?
16. Elements in consciousness
17. Define Dyspnoea.
18. Define communication.
19. Define nursing.
20. List the first aid equipments.
21. List the methods of topical medicine administration.
22. Define profession.
23. Define blood pressure.

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – September 2014

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. a) Define educational psychology.
   b) Explain the scope of educational psychology.
2. a) Define emotion.
   b) Explain the theories of emotion.
3. a) Define thinking.
   b) Describe the process by means of which concepts are formed.

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

4. Describe the factors influencing perception.
5. Explain methods of improving memory.
6. Briefly explain the Maslow's theory of hierarchy of needs.
7. Define intelligence. Explain different tests of intelligence.
8. Types of conflicts
9. Discuss the laws of learning.
10. Causes of individual differences
11. Meaning and nature of attitudes
12. Principles of heredity
13. Write the importance of personality in nursing.

SHORT ANSWERS 10 x 2 = 20 Marks

14. Id
15 Reasoning
16. Social motives
17. Stress
18. Creativity
19. Conflict
20. Displacement
21. Sublimation
22. Introspection
23. Extroverts

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – September 2014

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 Autoclave.
2. Discuss the laboratory diagnosis of cholera.
3. Describe the life cycle of Ancylostoma duodenale with a neat, labelled diagram.

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

4. Bacterial flagella
5. VDRL test
6. Laboratory diagnosis and prophylaxis of rabies
7. Write briefly about the modes of transmission of infection.
8. Candida albicans
9. Hospital acquired infection.
10. Describe the laboratory diagnosis of pulmonary tuberculosis.
11. Anaphylaxis
12. Immunoglobulin M
13. Precipitation reactions

SHORT ANSWERS 10 x 2 = 20 Marks

14. Name two infections caused by Staphylococcus aureus.
15 Name two methods used in testing antibiotic sensitivity.
16. Name two viruses causing diarrhea.
17. Louis Pasteur
18. Define immunity.
19. Name two uses of ELISA.
20. Name two organisms causing sexually transmitted diseases.
21. Name two bile stained eggs.
22. BCG vaccine
23. Name two RNA viruses.

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Rajiv Gandhi University of Health Sciences, Karnataka

# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – September 2014

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. Discuss the methods of water purification on large scale.
2. List the major health problems in India & explain any three of them in detail.
3. a. List the National Nutrition Programmes.
   b. Explain Role of Nurse in Nutrition Education.

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

4. Disposal of solid waste
5. Ill effects of ventilation
6. Chlorination of water
7. Descriptive Epidemiology
8. Housing standards
9. Principles of Community Health Nursing
10. Prevention of food adulteration
11. Nutritional rehabilitation
12. Principles of Primary Health Care
13. Measures of controlling communicable diseases

SHORT ANSWERS 10 x 2 = 20 Marks

14. Health for all
15 Vitamins
16. Measurement of noise
17. Anemia
18. Define Community Health.
19. AIDS
20. Sources of Radiation
21. DOTS
22. Trained dais
23. Composition of air

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Rajiv Gandhi University of Health Sciences, Karnataka

# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. (Nursing - Basic) Degree Examination – September 2014

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 culture. Explain the influence of culture in health and illness.
2. Define social change and explain the factors of social change.
3. Define family and explain the types and functions of family.

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

4. Importance of sociology in Nursing
5. Agencies of socialization
6. Characteristics of Primary group
7. Characteristics of joint family
8. Types of marriage
9. Features of Caste system
10. Consequences of over population
11. Social mobility
12. Social welfare planning in India
13. Delinquency

SHORT ANSWERS 10 x 2 = 20 Marks

14. Polyandry
15 Crowd
16. Cultural lag
17. In-Group Vs Out-Group
18. Nuclear family
19. Social pathology
20. AIDS
21. Poverty
22. Social welfare
23. Assimilation

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

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. Mention the parts of female reproductive system. Describe uterus in detail.
2. Enumerate the lymphoid organs. Describe the structure and functions of lymph node.

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

3. Kidney
4. Nephron
5. Vermiform Appendix
6. Right atrium
7. Structure of Heart
8. Trachea
9. Neuron

SHORT ANSWERS 5 x 3 = 15 Marks

10. Root of lung
11. CSF
12. Carpals
13. Bones of Skull
14. Uterine tube

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

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. Name the hormones secreted by pituitary gland. Describe the actions of posterior pituitary hormones
2. Define Erythropoiesis. Mention its steps. What are the factors affecting it

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

3. Pain
4. Functions of saliva
5. Surfactant
6. Micturition reflex
7. Formation of CSF and its function
8. Conduction system of Heart
9. Synapse

SHORT ANSWERS 5 x 3 = 15 Marks

10. Functions of testosterone
11. Myopia & its correction
12. Referred pain
13. Purpura
14. Functions of blood

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

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. Describe the national nutritional programs and role of a nurse.
2. a) Define balanced diet. (2+3+5)
   b) List the steps in planning balanced diet.
   c) Plan a day's menu for a school going child of 6-12 years of age.
3. Describe the functions, dietary sources, daily requirements and deficiency of Fat Soluble Vitamins.

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

4. Explain the classification and functions of Proteins.
5. Briefly describe the factors affecting Basal Metabolic Rate.
6. List the Recommended Dietary Allowances, functions and dietary sources and deficiency of Calcium.
7. Describe the effects of dehydration and its management.
8. Explain the Mid day meal programme.
9. Explain on Food Standards.
10. List the functions, sources and classification of Lipids.

SHORT ANSWERS 5 x 3 = 15 Marks

11. Expand NIPCCD.
12. Niacin
13. Body Mass Index
14. Micronutrients
15. Lipoproteins

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

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. Give a detailed account of aerobic glycolysis. Explain the energetics and regulation.
2. a) Describe the urea cycle. (7+3)
   b) Discuss its importance.

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

3. Metabolism of proteins
4. Functions of phospholipids
5. Fluid mosaic model of cell membrane
6. Biochemical functions of Vitamin C

SHORT ANSWERS 5 x 3 = 15 Marks

7. Name the buffers of blood.
8. Write normal levels of (a) FBS, (b) Serum creatinine, (c) Blood Urea.
9. Phenylketonuria
10. Gout
11. ELISA

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# Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – September 2014

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) Define blood pressure.
   b) Explain the methods and steps of recording BP.
2. a) Definition and nature of infection
   b) Explain in detail of isolation precautions.
3. a) Define admission.
   b) Explain in detail types and procedure of admission.

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

4. Write about ICN code of ethics.
5. Care of a dying patient
6. Cardio-pulmonary resuscitation
7. Write about principle of body mechanisms.
8. Explain the Levels of preventing diseases.
9. Define cold applications and the scientific principles of cold application.
10. Care of an unconscious patient
11. Explain the characteristics of a profession.
12. Bedsore, its cause and prevention
13. Define communication. What are the principles of communication?
14. Role of nurse in specimen collection
15. Explain methods of physical examination.

SHORT ANSWERS 10 x 3 = 30 Marks

16. What is passive exercise?
17. Types of sterilization
18. Qualities of professional nurse
19. Objective observation
20. Complication of IV infusions
21. Define cross infection
    Or
    Rigor Mortis
22. Functions of a hospital
23. Types of restraints
24. Orthopnea
25. Basic human needs

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

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. Define psychology. Explain the relevance of psychology to nursing
2. What is a Motive? Explain the various types of Motives in detail.
3. Explain the theories of personality

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

4. Observational method
5. Body mind relationship
6. Operant conditioning
7. Theories of forgetting
8. Types and tools of thinking
9. James – Lange theory of emotions
10. Assessment of personality
11. Warning signs of poor mental health
12. Role of guidance and counseling
13. Types of memory
14. Uses of intelligence tests
15. Defense mechanisms

SHORT ANSWERS — 10 x 3 = 30 Marks

16. Abnormal psychology
17. Genes
18. Span of attention
19. Sensation
20. Intelligence Quotient
21. Creativity
22. Frustration
23. Stress
24. Attitude
25. Reasoning

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

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. Enumerate antigen – antibody reactions in vitro. Describe the precipitation reactions.
2. Define and classify immunity. Discuss the mechanism of innate immunity.
3. Describe the pathogenesis and laboratory diagnosis of infections caused by staphylococcus aureus.

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

4. Bacterial capsule
5. Gaseous sterilization
6. ELISA test and its applications
7. Leptospirosis
8. Discuss the modes of transmission of HIV infection.
9. Universal precautions
10. Life cycle of Ascaris lumbricoides
11. Serological markers of Hepatitis B and its detection
12. Difference between exotoxins and endotoxins
13. Hot air oven
14. Bacterial Food poisoning
15. Enumerate various types of carriers with examples.

SHORT ANSWERS 10 x 3 = 30 Marks

16. Differential media
17. DPT Vaccine
18. Negri bodies
19. List factors influencing growth of bacteria
20. Montoux test
21. MMR
22. Disinfection
23. Significant Bacteriuria
24. Name three agents causing opportunistic mycosis.
25. Name three viruses transmitted by arthopods.

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

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. Enumerate the parts of female reproductive system. Describe the gross anatomy of uterus.
2. Name the parts of respiratory system. Describe the lungs.

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

3. Duodenum
4. Lymph node
5. Wrist joint
6. Deltoid muscle

SHORT ANSWERS 6 x 2 = 12 Marks

7. Types of muscles
8. Blood supply of pancreas
9. Name the branches of abdominal aorta.
10. Great saphenous vein
11. Palatine tonsil
12. Coronary artery

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

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. Name the hormones of anterior pituitary gland. Describe the functions of growth hormone.
2. Describe the components of gastric juice. What are the functions of stomach?

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

3. What are the composition and functions of blood?
4. Name the movements of small intestine. What are the functions of small intestine?
5. Define GFR. Describe the factors affecting GFR.
6. What are the types of Neuroglia? Mention its functions.
7. ECG waves

SHORT ANSWERS 4 x 2 = 8 Marks

8. Name the types of Lymphocytes.
9. Name two muscles of inspiration.
10. Synapse
11. Define blood pressure.

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

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. a) Define Menu Planning. (2+3+5)
   b) List the importance of Menu Planning.
   c) Plan a menu for a sedentary pregnant woman.
2. Explain the various national programs related to nutrition.

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

3. Describe the factors affecting Basal Metabolic rate.
4. Explain the types, sources and deficiencies of Protein.
5. Briefly explain the functions, dietary sources, daily requirements and deficiency of vitamin C.
6. Enumerate the effects of dehydration and its management.
7. Explain the dietary sources, daily requirements and deficiency of iron.
8. Briefly describe the methods of cooking.

SHORT ANSWERS 5 x 2 = 10 Marks

9. Keratomalacia
10. List the methods of Food preservation.
11. Essential fatty acids
12. Monosaccharides
13. Body Mass Index

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

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. What is Gluconeogenesis? Explain Tricarboxylic Acid Cycle.
2. Describe the digestion and absorption of proteins.

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

3. Explain the Glucose tolerance test.
4. Explain the mechanisms that maintain pH of Blood.
5. Briefly describe the types of immunoglobulin.

SHORT ANSWERS 5 x 2 = 10 Marks

6. Write the normal range of (a) Serum Calcium, (b) Serum Potassium.
7. Golgi apparatus
8. Functions of Vitamin D
9. Electrophoresis
10. Sodium Pump

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# Rajiv Gandhi University of Health Sciences, Karnataka

I year B.Sc. Nursing Degree Examination – September 2014

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. a) Define nursing process.
   b) State the steps and describe in detail on any one step on nursing process.
2. a) Explain the general principles of drug administration.
   b) Mention the different routes of medicine administration.
3. a) Define infection.
   b) Explain the chain of infection transmission.
   c) How do you prevent nosocomial infections?

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

4. Define hospital. Classify them and list the function.
5. Nursing care of the patient with breathing difficulty
6. Explain the process of communication.
7. Nursing responsibility in collection of urine specimen
8. Write about admission procedure and nursing responsibility.
9. Write in brief about health illness continuum.
10. Write about principles in writing records and reports.
11. Explain ICN code of ethics in nursing.
12. What is respiration? List and explain the types of abnormal respiration.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Types of hospital waste
14. What is Insomnia?
15. Maslow's hierarchy of needs
16. Factors affecting rest and sleep
17. Techniques of physical examination
18. List the comfort devices.
19. Types of suppository
20. Signs of clinical death
21. Define anorexia.
22. Define blood pressure.

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# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

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 psychology and explain its scope with reference to nursing. (2+8)
2. What is defence mechanism? Explain any four with examples. (2+8)
3. Define Perception. Explain the organization of perception. (2+8)

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

4. Experimental method in psychology
5. Individual differences
6. Explain factors influencing attention.
7. Theories of forgetting
8. Insightful learning
9. Formation of attitude
10. Projective techniques
11. Explain warning signs of poor mental health.
12. Steps involved in problem solving

SHORT ANSWERS 10 x 2 = 20 Marks

13. Child psychology
14. Chromosomes
15. Types of memory
16. Mnemonics
17. Division of attention
18. Aptitude
19. Social motives
20. Levels of consciousness
21. Mental hygiene
22. Types of psychological tests

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Rajiv Gandhi University of Health Sciences, Karnataka

# Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Nursing Degree Examination – September 2014

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 Streptococci. Describe pathogenicity & laboratory diagnosis of Streptococcus pyogenes infection.
2. Define sterilization. Classify sterilization and write in detail about Hot air oven?
3. Write the life cycle, pathogenesis and lab diagnosis of Ascaris lumbricoides (Round Worm)?

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

4. Nosocomial Infections.
5. Immunization schedule.
6. Autoclave.
7. Bacterial spore.
8. Innate Immunity.
9. Prophylaxis of Poliomyelitis.
10. Candida albicans
11. Laboratory diagnosis of syphilis.
12. Bacterial growth curve.

SHORT ANSWERS 10 x 2 = 20 Marks

13. Draw a neat labeled diagram of Trichomonas Vaginalis.
14. Name 2 disinfectants.
15. Name two bacterial zoonotic diseases.
16. Name 4 diseases transmitted by Mosquito bite.
17. Draw a neat labeled diagram of Immunoglobuin-M.
18. Gram's Staining procedure.
19. BCG vaccine.
20. Define enriched media. Give two examples.
21. What is significant bacteriuria?
22. Name two Bile Stained Eggs.

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