1676 2009 I S46

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Feb - 2010

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. Describe the stomach in detail. Add a note on its applied aspects
2. Describe the kidneys under the following headings
   a) Location b) Size c) Relations d) Blood supply e) Applied aspects
3. Describe the knee joint in detail

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

4. Pharynx
5. External carotid artery
6. Ureters
7. Structure of the liver
8. Sciatic nerve
9. Mandible
10. Larynx
11. Intercostals muscles

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

12. Give the beginning and termination of the long saphenous vein with its applied aspects
13. Name the cell types of islet of langerhans and their secretions
14. Name the folds of the duramater
15. Name the muscles of the tongue and their nerve supply
16. Name the parts of the hip bone and the joints formed by it
17. Name the types of cartilage with examples
18. Give the differences between right and left lungs
19. Name the paranasal air sinuses and their functions
20. Name the parts of a typical vertebra
21. Name the branches of the arch of aorta

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Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Feb - 2010

Time: Three Hours **Max. Marks: 80**

Marks

PHYSIOLOGY & BIOCHEMISTRY - (Revised Scheme)

Q.P. CODE: 1677 & 1678

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

Use separate answer books for section A and section B

Q.P. Code: 1677 – Section A – PHYSIOLOGY (40 Marks)

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

1. Describe the neuromuscular junction with a diagram. Describe the events occurring at neuro muscular junction
2. Describe the menstrual cycle

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

3. Describe the complications of mismatched transfusion
4. Define and give normal values of a) Inspiratory capacity b) Tidal volume
5. Describe the physiological functions of paratharmone
6. Define and classify immunity. Name the cells responsible for different types of immunity
7. Draw and label visual pathway

SHORT ANSWERS **5 x 2 = 10 Marks**

8. List the functions of platelets
9. Hypermetropia
10. List the functions of anti diuretic hormone
11. Name the receptors for vision. Give one function for each
12. Draw and label neuron

Q.P. Code: 1678 – Section B – BIOCHEMISTRY (40 Marks)

Use separate answer book

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

1. What is normal pH of blood & discuss how it is regulated?
2. Describe krebs citric acid cycle and its importance

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

3. Nutritional causes of anemia
4. Functions of proteins in the body with examples
5. Sources & deficiency manifestation of vitamin A
6. Abnormal constituents found in urine
7. Formation & fate of ketone bodies

SHORT ANSWERS **5 x 2 = 10 Marks**

8. Heteropolysaccharides
9. Serum enzymes elevated in jaundice
10. Functions of cholesterol
11. Cori's cycle
12. Rancidity

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1679_2009_I_S42

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Feb - 2010

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. Define nursing process. State the phases of nursing process. Explain types of nursing interventions
2. Define Admission. List the basic information required on admission from a client. Explain the procedures for routine admission
3. Importance of rehabilitation in health care system

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

4. Basic needs of man
5. Observation technique
6. Differentiate between nursing and medical diagnosis
7. Planning of nursing care
8. Types of nutrients
9. Nasogastric tube feeding
10. Test for albumin in urine
11. Types of Enemas
12. Electric shock and its first aid
13. First aid in snake bite

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

14. Nosocomial infections
15. Suppositories
16. Insomnia
17. Dietary recommendation in Diarrhoea
18. Solutions used for disinfection
19. Patterns of fever
20. Surgical asepsis
21. Venous puncture
22. Care of unconscious patient
23. Plaster cast

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1680_2009_1_S47

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Feb - 2010

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**

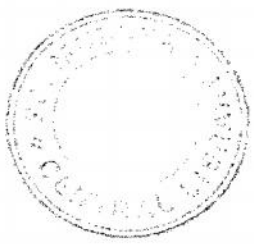
1. Discuss the theory of insightful learning. Explain its implications in relation to education
2. Define personality. Discuss the types of personality and importance of personality with reference to nursing
3. Discuss the role of heredity and environment in the development of human behavior

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

4. Discuss briefly schools of psychology
5. Describe types of conflicts
6. What are the determinants of attention?
7. Explain trial and error learning
8. Describe operant conditioning by Skinner
9. Role of incentives and rewards in teaching
10. Explain educational implications of transfer of learning
11. Steps and purposes of evaluation
12. What do you understand by good habits? How will you develop good habits among your students?
13. Write nature and development of attitude

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

14. Applied psychology
15. Achievement motive
16. Laws of learning
17. Integrated responses
18. Methods of memorizing
19. Social learning
20. Ebbinghaus's curve of forgetting
21. Errors in thinking
22. Problem solving skills
23. Intelligence quotient



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1681 2009 1 S5C

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination – Feb - 2010

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**

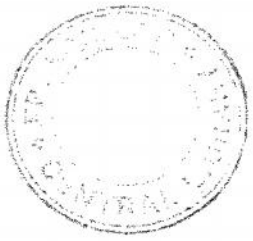
1. Define immunity, classify immunity. Describe the mechanisms of innate immunity
2. Classify streptococci. Enumerate the infections produced by beta hemolytic streptococci. How is it diagnosed in the laboratory
3. Classify viruses. How are they cultivated in the laboratory? Describe any one of them in detail

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

4. Type I hypersensitivity
5. Blood culture
6. Immunization schedule
7. Gonococci
8. Widal test
9. Measles
10. Hydatid cyst
11. Dengue hemorrhagic fever
12. Laboratory diagnosis of rabies
13. Fungal infections of skin

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

14. Name 2 sporicidal disinfectants
15. Name 2 live viral vaccines
16. Define Anaerobic bacteria. Give an example
17. Incineration
18. Enriched media with an example
19. Oral polio vaccine
20. Name 2 intestinal nematodes
21. Name 2 sexually transmitted diseases
22. Coagulase test
23. Sterilization control



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1682_2009_I_S48

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. (Nursing - Basic) Degree Examination - Feb - 2010

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 nutritional rehabilitation
   Describe the National nutritional programmes
2. Discuss about Health Care Delivery System in India Central to peripheral level
3. Describe the role of a community health nurse in primary health care

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

4. Methods of excreta disposal
5. Chlorination of water
6. Health organization at state level
7. Legislation of diseases
8. Septic tank
9. Nutritional supplements
10. Health status in India
11. Effects of poor lighting
12. Methods of blocking the channels of transmission of diseases
13. Housing standards

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

14. Define primary health centre
15. Descriptive epidemiology
16. Types of nutrients
17. Night blindness
18. Vitamins
19. Define disease
20. Housing and health
21. Food hygiene
22. ASHA
23. Appropriate technology

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1746 2009 I S103

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Feb - 2010

Time: Three Hours Max. Marks: 100 Marks

ANATOMY & PHYSIOLOGY (RS – 2)

Q.P. CODE: 1746 & 1747

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

Use separate answer books for section A and section B

Q.P. Code: 1746 – Section 'A' - Anatomy (50 Marks)

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

1. Describe the gross anatomy of kidney
2. Describe the gross anatomy of right lung

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

3. Lymph node
4. Gall bladder
5. Typical rib
6. Granulocytes
7. Corpus callosum
8. Right atrium
9. Appendix

SHORT ANSWERS 5 x 3 = 15 Marks

10. Name the parts of uterine tube
11. Substantia nigra
12. Name three laryngeal muscles
13. Epiglottis
14. Nasal septum

Q.P. Code: 1747 – Section 'B' - Physiology (50 Marks)

Use separate answer book

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

1. Explain the various types of blood groups in man. Add a note on erythroblastosis foetalis
2. a) Describe the composition and function of gastric juice
   b) Add a note on regulation of gastric secretion

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

3. Functions of saliva
4. Micturition reflexes
5. Functions and contents of middle ear
6. Functions of thyroid hormones
7. Anaemias
8. Edema
9. Functions of bone

SHORT ANSWERS 5 x 3 = 15 Marks

10. Heart sounds
11. Describe reflex arch
12. Functions of cerebellum
13. Name various lung volumes and capacities
14. Name six blood clotting factors

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(8)

1748 2009 I S106

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Feb - 2010

Time: Three Hours Max. Marks:-100 Marks

NUTRITION & BIOCHEMISTRY (R S – 2)

Q.P. CODE: 1748 & 1749

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

Use separate answer books for section A and section B

Q.P. Code: 1748 – Section 'A' - Nutrition (60 Marks)

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

1. Discuss the methods of assessing nutritional status of a community
2. Define BMR. What are the various factors affecting BMR?
3. National programmes related to nutrition

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

4. Mid-day meal programme
5. Dietary sources, functions and requirements and deficiency of vitamin-A
6. Role of nutrition in maintaining health
7. Various method of food storage
8. Nutritional needs of a pregnant mother
9. Functions of protein
10. Food additives

SHORT ANSWERS **5 x 3 = 15 Marks**

11. Food adulteration
12. Functions of calcium in the body
13. Care
14. Recommended dietary allowances of energy and protein of a lactating mother
15. Boiling and frying

Q.P. Code: 1749 – Section 'B' - Biochemistry (40 Marks)

Use separate answer book

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

1. Give the composition of a cell. Add a note on the structure (with diagram) and functions of the cell membrane
2. Describe tricarboxylic acid cycle. Add a note on its energetics

SHORT ESSAYS (Any Three) **3 x 5 = 25 Marks**

3. Classify carbohydrates with suitable examples
4. Describe the steps of Beta Oxidation of palmityl CoA
5. Functional classification of proteins
6. Describe triacyl glycerol synthesis (TAG)

SHORT ANSWERS **5 x 3 = 15 Marks**

7. Deamination
8. Essential fatty acids
9. Functions of Thiamine
10. Name three enzymes of diagnostic importance
11. Mention normal serum levels of a) Sodium b) Potassium c) Calcium

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1750 2009 1 S104

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Feb - 2010

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

2 x 10 = 20 Marks

LONG ESSAYS (Any Two)

1. Describe Primary Health care in India. Explain the role of nurse in primary health care delivery (5+5)
2. Define theory. List out some of the theories in nursing. Explain the role of theories in Nursing Process (2+3+5)
3. a) Define medicine b) List the different rutes of medicine administration c) Describe the principles to be followed during administration of medication

10 x 5 = 50 Marks

SHORT ESSAYS (Any Ten)

4. Types of records
5. Methods of health assessment
6. Care of urinary catheter
7. Methods of oxygen administration
8. Biomedical waste management
9. Types of dehydration
10. Complications of wound healing
11. Naso gastric suction
12. Concepts of Peplau's theory
13. Various format of nursing diagnosis
14. Prevention of pressure sore
15. Blood pressure

10 x 3 = 30 Marks

SHORT ANSWERS

16. Factors influencing health
17. Health promotion model
18. Recording of vital signs
19. Types and collection of urine specimen
20. Factors affecting bowel elimination
21. Stress and adaptation
22. Methods of parentaral drug administration
23. Urinary retention
24. Isolation techniques
25. Stoma care

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1751 2009 I S102

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Feb - 2010

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 intelligence. Explain the theories of intelligence
2. Define emotion. Explain the theories of emotion along with health and motive
3. Define learning. Explain classical conditioning by I.P. Parlor

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

4. Factors affecting and influencing attention
5. Classical conditioning
6. Theories of forgetting
7. Bring out the physiological and psychological motives of an individual
8. What methods of psychology helps you to study an individual
9. Organization of perception. Explain
10. Stress adaptation
11. Discuss the concept of mental health and hygiene
12. Brief explain the theories of personality
13. Development of attitude. Explain
14. Trial and error learning
15. Observation methods

SHORT ANSWERS 10 x 3 = 30 Marks

16. Intelligence
17. Memory
18. Errors of perception
19. Conflicts
20. Frustration
21. Aptitude
22. Reward and punishment
23. Psychological test
24. Types of intelligence test
25. Goals of psychology

*****

1752 2009 1 S106

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Feb - 2010

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 and classify sterilization. Describe in detail about the moist heat method of sterilization
2. Define and classify immunity. Discuss active immunity
3. Describe the morphology, life cycle and laboratory diagnosis of endameba histolytica

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

4. Laboratory diagnosis of streptococcal tonsillitis
5. Bacterial flagella
6. Gram's stain
7. Cultivation of viruses
8. Laboratory diagnosis of pulmonary tuberculosis
9. Biomedical waste management
10. Cryptococcus neoformans
11. Widal test
12. Delayed hypersensitivity
13. Prophylaxis against rabies
14. Laboratory diagnosis of corynebacterium diphtheriae
15. Sterilization and disinfection

SHORT ANSWERS **10 x 3 = 30 Marks**

16. Three organisms causing nosocomial infection
17. Pasteurization
18. Name three bile stained ova
19. Define Selective media with three examples
20. Three organisms causing urinary tract infection
21. Robert Koch
22. M.M.R. vaccine
23. Name three bacteria causing meningitis
24. Morphological classification of bacteria
25. Name three congenital infections

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(1) (12)

1753 2009 I S104

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Feb - 2010

Time: Three Hours **Max. Marks: 75 Marks**

ANATOMY & PHYSIOLOGY (RS - 3)

Q.P. CODE: 1753 & 1754

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

Use separate answer books for section A and section B

Q.P. Code: 1753 – Section A – ANATOMY (37 Marks)

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

1. Name the different parts of the brain. Describe the different functional areas of the cerebrum with a neat labeled diagram
2. Describe the location, surfaces, root and lobes of lungs. Add a note on pleura and pleural cavity

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

3. Describe the structure of Eye
4. The diaphragm
5. What are the parts of the stomach? Name the organs closely related with the stomach
6. Describe the structure, blood supply and functions of uterine (Fallopian) tube

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

7. Name the branches from arch of aorta
8. Name the three muscles used as sites for intramuscular injections
9. Name the paranasal air sinuses
10. Classify the joints
11. Name the endocrine gland
12. Great saphenous vein

Q.P. Code: 1754 – Section B – PHYSIOLOGY (38 Marks)

Use separate answer book

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

1. Describe the structure of neuromuscular junction (NMJ) with the help of a diagram and explain the mechanism of transmission of nerve impulse across it
2. Name the respiratory centers. Explain the neural regulation of respiration

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

3. Describe the extrinsic pathway for co-agulation
4. Describe the structure and functions of a nephron
5. What are the contents and functions of middle ear?
6. Explain a reflex arc with the help of a diagram
7. Describe the functions of saliva

SHORT ANSWERS **4 x 2 = 8 Marks**

8. Name the primary taste sensations
9. List the hormones of placenta
10. What are the functions of Insulin?
11. Draw a labeled diagram of Electrocardiogram (ECG)

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(IV) (13)

1755 2009 I S1

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Feb 2010

Time: Three Hours **Max. Marks: 75 Mar**

NUTRITION & BIOCHEMISTRY (RS - 3)

Q.P. CODE: 1755 & 1756

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

Use separate answer books for section A and section B

Q.P. Code: 1755 – Section A – NUTRITION (45 Marks)

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

1. Discuss the nutritional problems in India. Describe the national programmes implemented to tackle problems of malnutrition among our population.
2. What is weaning? List the principles of weaning. Explain the schedule for introducing weaning foods with appropriate examples for Indian mothers.

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

3. Mid-day meal programme.
4. Food standards.
5. Preservation of food.
6. Balanced diet for a Toddler.
7. RDA for a heavy worker female adult.
8. Xeropthalmia.

SHORT ANSWERS **5 x 2 = 10 Marks**

9. Vitamin A prophylaxis schedule.
10. Functions of Calcium.
11. Dietary sources of Vitamin D.
12. Exclusive Breast Feeding.
13. Fortification of Food.

Q.P. Code: 1756 – Section B – BIOCHEMISTRY (30Marks)

Use separate answer book

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

1. Explain the sources, RDA, biochemical functions and deficiency disease associated with Vitamin D.
2. Explain the various steps of the Citric acid cycle. Add a note on its energetics.

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

3. Mention the different types of Lipoproteins and their functions.
4. Factors influencing Enzyme activity.
5. Renal regulation of Acid- Base Balance.

SHORT ANSWERS **5 x 2 = 10 Marks**

6. Starch.
7. Essential amino acids.
8. Name the bile salts and their functions.
9. Hypercholesterolemia.
10. Mitochondria.

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1757_2009_1_S152

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Feb 2010

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 nursing process, discuss the steps of nursing process in relation to their application in practical setting.
2. Define blood pressure, explain the factors affecting blood pressure. List the sites of assessing BP. What are the special considerations while assessing BP?
3. What are the basic human needs of a patient? Explain the nursing interventions for attaining psychological needs.

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

4. Roles and responsibilities of a nurse during discharge of a patient.
5. Relationship between code of ethics and professional conduct in nurses.
6. Records and Reports.
7. Barriers to effective communication.
8. Prevention of cross infection in hospitals.
9. Routes of administering medications.
10. Care of a dying patient.
11. Cardio Pulmonary Resuscitation.
12. Health care team.

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

13. Prevention of pressure sores.
14. List the nursing diagnosis for an unconscious patient.
15. Importance of Bio medical waste management.
16. Care of rubber goods.
17. Anorexia.
18. Barrier nursing.
19. Rights in medication administration.
20. Suffository.
21. Subjective and objective assessment.
22. Methods of Physical examination.

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1758_2009_1_S152

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination – Feb 2010

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 Conflict. How it is related to motives?
2. Explain the importance of personality in nursing.
3. What emotions do patients usually experience? What experiences provoke these emotions?

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

4. What is perception?
5. Determinants of attention.
6. Methods of psychology.
7. Individual differences.
8. Creativity.
9. Organization of personality.
10. Students achievement tests.
11. Role of Nurse and attitude.
12. Types of memory.

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

13. Counseling.
14. Super Ego.
15. Needs.
16. Rationalization.
17. Illusion.
18. I.Q.(Intelligent Quotient).
19. Chromosomes.
20. Physical traits.
21. Introspection.
22. Reward and punishment.

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(6) (16)

1759 2009 I S102

Rajiv Gandhi University of Health Sciences, Karnataka

First year B.Sc. Nursing Degree Examination - Feb - 2010

Time: Three Hours **Max. Marks: 75 Marks**

MICROBIOLOGY (RS - 3)

Q.P. CODE: 1759

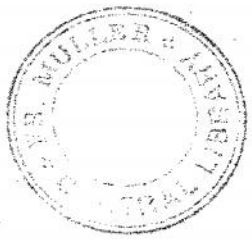
Your answers should be specific to the questions asked
Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any Two) **2 x 10 = 20 Marks**

1. Define sterilization and list the methods of sterilization. Discuss their application in medical practice
2. Define and classify hypersensitivity. Explain the type I hypersensitivity
3. Discuss the hospital infection control programme with reference to the protocol, sample collection, preparation of report & status of rate of infection in the hospitals

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

4. Laboratory diagnosis of Cholera
5. Sterilization by radiation
6. Standard tests for syphilis
7. Hyadatid cyst
8. Staphylococcal food poisoning
9. Pseudomonas aeruginosa
10. HINI virus
11. Antibiotic sensitivity test
12. RNTCP



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

13. Name two viruses causing diarrhea
14. Name two bacteria causing sexually transmitted infections
15. Name two gaseous disinfectants
16. What is significant bacteruria?
17. Name two method of hospital waste disposal
18. Name two fungi causing infections of the skin
19. Name two spore-bearing bacteria
20. Name four species of Malarial parasites
21. Draw a neat labeled diagram of Immunoglobulin - A
22. BCG vaccine

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