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1676_2006_1_S06

Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc (Nursing) (Basic) Degree Examination Apr-06

Time: Three Hours | Max Marks: 80 Marks

ANATOMY

(Revised Scheme)

QP Code: 1676

Your answers should be specific to the Questions asked.
Draw neat labeled diagrams whenever necessary.

LONG ESSAYS: 2 X 10 = 20 MARKS

1. Describe Urinary bladder in detail. Add a note on its applied anatomy.
2. Describe the Pharynx under following headings a) location b) parts c) relations d) blood supply e) nerve supply. Add a note on its applied anatomy.
3. Describe the shoulder joint in detail.

SHORT ESSAYS: 8 X 5 = 40 MARKS

4. Mesentery.
5. Long Saphenous vein.
6. Hyoid bone.
7. Deltoid.
8. Thoracic duct.
9. Tympanic membrane.
10. Falx cerebri.
11. Ansa cervicalis.

SHORT ANSWERS: 10 X 2 = 20 MARKS

12. Name any four branches external carotid artery.
13. Name any four muscles of anterior compartment of fore arm.
14. Name any four carpal bones.
15. Name major parts of central nervous system.
16. Name any four muscles attached to upper end of femur.
17. Name the contents of femoral triangle.
18. Histology of bone.
19. Name the blood vessels supplying the rectum.
20. Name the branches of Femoral nerve.
21. Name intercostals muscles.

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1677_2006_1_S03

Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc (Nursing) (Basic) Degree Examination Apr-06

Time: Three Hours Max Marks: 80 Marks

PHYSIOLOGY AND BIOCHEMISTRY

(Revised Scheme)

QP Code: 1677

Section A (Physiology) (40 Marks)

Your answers should be specific to the Questions asked.
Draw neat labeled diagrams whenever necessary.

LONG ESSAYS: (Answer any one) 1 X 10 = 10 MARKS

1. Draw a labeled diagram of corticospinal tracts. Enumerate its functions.
2. Describe the contents and functions of middle ear.

SHORT ESSAYS: 4 X 5 = 20 MARKS

3. Explain the hormonal control of menstrual cycle.
4. Describe the functions of CSF.
5. Describe the effects of mismatched blood transfusion.
6. Define blood pressure. Describe the factors affecting it.
7. Describe the stages of deglutition.

SHORT ANSWERS: 5 X 2 = 10 MARKS

8. Hypermetropia and its correction.
9. Name the three changes occurring during accommodation.
10. Saltatory conduction of nerve impulse.
11. Write three features of coronary circulation.

Section B (Biochemistry) QPCode1678 (40 Marks)

LONG ESSAYS: (Answer any one) 1 X 10 = 10 MARKS

1. Discuss about the digestion and absorption of lipids:
2. What is the normal fasting blood glucose level? Discuss in detail about blood glucose homeostasis.

SHORT ESSAYS: 4 X 5 = 20 MARKS

3. Structure of starch.
4. Respiratory acidosis.
5. Ketosis
6. Primary structure of proteins.

SHORT ANSWERS: 5 X 2 = 10 MARKS

8. Name any four enzymes of diagnostic importance.
9. Write the normal serum levels of a) Total bilirubin b) Total cholesterol c) Bicarbonate d) Uric acid.
10. What is uronic acid? Mention the functions of glucuronic acid.
11. Name the key enzymes of gluconeogenesis.
12. Pellagra

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc (Nursing) (Basic) Degree Examination Apr-06

Time: Three Hours Max Marks: 80 Marks

BASIC PRINCIPLES & PRACTICE OF NURSING

(Revised Scheme)

QP Code: 1679

Your answers should be specific to the Questions asked.
Draw neat labeled diagrams whenever necessary.

LONG ESSAYS: (Any TWO) 2 X 10 = 20 MARKS

1. Discuss in brief nursing as a profession.
2. a. Define Nursing.
   b. Discuss the virgin's Henderson's Theory of Nursing.
3. Discuss the care provided for an unconscious client.

SHORT ESSAYS: (Any EIGHT) 8 X 5 = 40 MARKS

4. Care of the body after death.
5. Urinary catherization.
6. Nursing actions to ensure sleep for a patient.
7. Care of hospital records.
8. General principles of drug therapy.
9. Process recording.
10. Menstrual Hygiene.
11. Levels of health care.
12. Lumbar puncture.
13. Nursing responsibility in oxygen inhalation.

SHORT ANSWERS: 10 X 2 = 20 MARKS

14. Concurrent disinfection.
15. Quarantine.
16. Fomites.
17. Principles of hand washing.
18. Difference between sterile and clean environment.
19. Reservoir.
20. Factors affecting of infection.
21. Complications of neglected mouth.
22. Types of Pediculosis.
23. Purposes of personal hygiene.

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1680_2006_1_S05 25

Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc (Nursing) (Basic) Degree Examination Apr-06

Time: Three Hours Max Marks: 80 Marks

GENERLA PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY

(Revised Scheme)

QP Code: 1680

Your answers should be specific to the Questions asked.
Draw neat labeled diagrams whenever necessary.

LONG ESSAYS: (Any Two) 2 X 10 = 20 MARKS

1. Define Psychology. Discuss the scope of psychology and its application to Nursing profession.
2. Define Learning. Describe learning by conditioning & its educational implication in Nursing.
3. Explain the concepts & theories of Motivation.

SHORT ESSAYS: (Any Eight) 8 X 5 = 40 MARKS

4. Discuss the need for evaluation in teaching & learning.
5. Describe the personality traits of an effective teacher.
6. Discuss emotion as motives.
7. Clarify need drive & motives.
8. Explain the causes of forgetting.
9. Discuss the factors influencing intelligence.
10. What is frustration & conflict? Explain the sources of Frustration.
11. What emotions do patients usually experience? What experiences provoke these emotions?
12. Describe some importance external & internal changes during emotions.
13. Write the difference between sensation and perception.

SHORT ANSWERS: 10 X 2 = 20 MARKS

14. Psychosomatic disorder.
15. Reasoning.
16. Characteristics of Attitude.
17. Teacher Learner relationship.
18. Steps involved in creative thinking.
19. Evaluation.
20. Achievement test.
21. Tools of thinking.
22. List of the determinants of attention.
23. Environment.

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1681_2006_1_S03 29

Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc Nursing (Basic) Degree Examination Apr-06

Time: Three Hours Max Marks: 80 Marks

MICROBIOLOGY

(Revised Scheme)

QP Code: 1681

Your answers should be specific to the Questions asked.
Draw neat labeled diagrams whenever necessary.

LONG ESSAYS: (Any Two) 2 X 10 = 20 MARKS

1. Classify streptococci. Describe the pathogenicity and laboratory diagnosis of infections caused by streptococci.
2. Describe the Morphology and life cycle of Entamoeba Histolytica.
3. Classify viruses. Write in detail viral diagnosis in the laboratory.

SHORT ESSAYS: (Any Eight) 8 X 5 = 40 MARKS

4. Laboratory diagnosis of Corynebacterium Diphtheriae.
5. Bacterial capsule.
6. Tyndalization.
7. Bacterial toxins.
8. Laboratory diagnosis of pulmonary tuberculosis.
9. Labeled diagram of immunoglobulin G. (IgG).
10. Type IV Hypersensitivity.
11. Candidiasis.
12. Gram -ve staining.
13. Anti Rabies Vaccines.

SHORT ANSWERS: 10 X 2 = 20 MARKS

14. Robert Koch.
15. Catalase Test.
16. Name two intestinal parsites.
17. Pasteurization.
18. Name four selective medias.
19. Sterilization controls.
20. B.C.G Vaccine.
21. Name two methods of Antibiotic Sensitivity Test.
22. Draw immunoglobulin A (IgA).
23. Inclusion bodies.

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1682_2006_1_S03

Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc (Nursing) (Basic) Degree Examination Apr-06

Time: Three Hours | Max Marks: 80 Marks

INTRODUCTION TO COMMUNITY HEALTH NURSING

(Revised Scheme)

QP Code: 1682

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. Discuss the methods of water purification on small and large scale.
2. Define Health Education. Describe the principles of Health Education.
3. Define Health for All. What does "Health for all" mean? Discuss health related millennium development goals in India.

SHORT ESSAYS: (Any Eight) 8 X 5 = 40 MARKS

4. Epidemiological Triad.
5. Determinants of Health.
6. Principles of Primary Health Care.
7. Biological effects of Radiation.
8. Methods of solid waste disposal.
9. Prevention Of Food Adulteration Act, 1954.
10. Responsibilities of Health Assistant Female.
11. Guidelines for Studying Community.
12. Effects of Noise on Health.
13. Effects of Poor Housing on Health.

SHORT ANSWERS: 10 X 2 = 20 MARKS

14. Uses of A.V. Aids.
15. Food Fortification.
16. Composting.
17. Functions of FATS.
18. Cold chain.
19. Globe Thermometer.
20. Objectives of Health Education.
21. Break point chlorination.
22. Rural Housing.
23. Sulabh Shouchalaya.

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1683_2006_1_S02

Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc (Nursing) (Basic) Degree Examination Apr-06

Time: Three Hours | Max Marks: 80 Marks

SOCIOLGOY

(Revised Scheme)

QP Code: 1683

Your answers should be specific to the Questions asked.
Draw neat labeled diagrams whenever necessary.

LONG ESSAYS: (Any Two) — 2 X 10 = 20 MARKS

1. Explain the meaning and importance of sociology in nursing profession.
2. Define socialization and its significance in development of personality.
3. Enumerate on health problems arising from social problems.

SHORT ESSAYS: (Any Eight) — 8 X 5 = 40 MARKS

4. Explain social significance of family.
5. Co-operation as a social process.
6. Alcoholism is a social evil - discuss.
7. Social control mechanisms.
8. Types of socialization.
9. Merits and demerits of caste system.
10. Role of primary group in health.
11. Social disorganization.
12. Social norms and values health.
13. Indian joint family is disintegrating – discuss.

SHORT ANSWERS: — 10 X 2 = 20 MARKS

14. Cultural – LAG.
15. Social welfare.
16. Customs.
17. Health illiteracy.
18. Small – Family Norm.
19. Regional – Community.
20. Divorce.
21. Two problems of old age.
22. Medical sociology.
23. What is meant by migration?

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc (Nursing) (Basic) Degree Examination Oct-06

Time: Three Hours

Max Marks: 80 Marks

BASIC PRINCIPLES & PRACTICE OF NURSING

(Revised Scheme)

QP Code: 1679

Your answers should be specific to the Questions asked.
Draw neat labeled diagrams whenever necessary.

LONG ESSAYS: (Any TWO) 2 X 10 = 20 MARKS

1. a. Define Interpersonal relationship.
   b. Explain the principles of IPR.
2. a. Define Pyrexia.
   b. Types of Pyrexia.
   c. Nurse's responsibility in managing clients with Pyrexia.
3. a. List the indications of urinary catheterization.
   b. Explain the nurse's role in catheterization of the patient.

SHORT ESSAYS: (Any EIGHT) 8 X 5 = 40 MARKS

4. Functions of hospital.
5. Menstrual Hygiene.
6. Lumbar puncture.
7. Care of patients with plaster cast.
8. Importance of Nutrition.
9. Principles of oral administration of medication.
10. Progressive patient care.
11. Barriers of communication.
12. Nursing Assessment.
13. Types of Enema.

SHORT ANSWERS: 10 X 2 = 20 MARKS

14. Pressure sores.
15. Cross infection.
16. Relapsing fever.
17. Code of Ethics.
18. Passive Exercises.
19. Rehabilitation.
20. Fowler's position.
21. First Aid in Drowning.
22. Observation.
23. Evaluation.

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc (Nursing) (Basic) Degree Examination Oct-06

Time: Three Hours Max Marks: 80 Marks

GENERLA PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY

(Revised Scheme)

QP Code: 1680

Your answers should be specific to the Questions asked.
Draw neat labeled diagrams whenever necessary.

LONG ESSAYS: (Any Two) 2 X 10 = 20 MARKS

1. Elucidate factors influencing the development of personality and its characteristics.
2. Discuss the laws of Learning. Explain the roll of Motivation & Anxiety on Learning process.
3. Define Emotion. Describe various theories & states of Emotion.

SHORT ESSAYS: (Any Eight) 8 X 5 = 40 MARKS

4. Personality traits & an ideal Nurse.
5. Factors influencing Perception.
6. Explain the purpose of Evaluation.
7. Explain the factors influencing Memory.
8. Define Frustration & its sources.
9. Role of Nurse in change of Attitude.
10. What are the types of Memory? How can memory be improved?
11. Describe the factors that control and direct attention.
12. Explain the role of Emotion in Health and Sickness.
13. Factors influencing the development of attributes.

SHORT ANSWERS: 10 X 2 = 20 MARKS

14. Conflict in Motives.
15. Genius.
16. Maternal drive.
17. Chromosomes.
18. Amnesia.
19. Self-actualization.
20. Introverts.
21. Define concepts.
22. Insightful Learning.
23. Interview method.

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1682_2006_2_S01

Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc (Nursing) (Basic) Degree Examination

Time: Three Hours Max Marks: 80 Marks

INTRODUCTION TO COMMUNITY HEALTH NURSING

(Revised Scheme)

QP Code: 1682

Your answers should be specific to the Questions asked.
Draw neat labeled diagrams whenever necessary.

LONG ESSAYS : (Any Two) 2 X 10 = 20 MARKS

1. Explain the principles of Health Education and role of Community Health Nurse in conducting Health Education programme.
2. Describe the modes of disease transmission and general measures of controlling communicable diseases.
3. Discuss various Nutritional programmes currently in operation and the role of community Health Nurse in Nutrition Education Programme.

SHORT ESSAYS : (Any Eight) 8 X 5 = 40 MARKS

4. Principles of Chlorination.
5. Principles of Primary Health care.
6. Housing standards.
7. Methods of solid waste disposal.
8. Septic Tank.
9. Light factors essential for effective vision.
10. Chemical disinfection of water.
11. Isolation.
12. Prevention of Food Adulteration ACT.
13. Functions of community.

SHORT ANSWERS: 10 X 2 = 20 MARKS

14. Criteria of safe and wholesome water.
15. Pasteurization of milk.
16. Globe thermometer.
17. Define Incidence.
18. Define Primary prevention.
19. Criteria for Healthful housing.
20. Orthotolidine Arsenate Test
21. Functions of Vit 'A'.
22. Barriers of Communication.
23. Criteria for sanitary latrine.

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1676_2006_2_S11

Rajiv Gandhi University of Health Sciences

First Year B.Sc. (Nursing) (Basic) Degree Examination

[Max. Marks: 80]

Time: 3 Hours]

ANATOMY

(Revised Scheme)

QP Code: 1676

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

LONG ESSAY (ANSWER ANY TWO) **2 X 10 = 20 Marks**

1. Name the parts of the female reproductive system. Describe the uterus in detail.
2. Draw a neat-labeled diagram showing important sulci, gyri and functional areas of Left cerebral hemisphere.
3. Classify synovial joints with examples. Describe the hip joint.

SHORT ESSAY (ANSWER ANY EIGHT) **8 X 5 = 40 Marks**

4. Humerus
5. Eye ball
6. Oesophagus
7. Diaphragm
8. Deltoid muscle
9. Abdominal aorta
10. Bronchopulmonary segments
11. Spleen
12. Thyroid gland
13. Name the differences between small and large intestines

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

14. Name any four extraocular muscles
15. Name any two muscles in the forearm
16. Name any two muscles supplied by radial nerve
17. Great saphenous vein
18. Name the parts of sternum
19. Name the muscles of the back of the thigh
20. Name the Para nasal air sinuses
21. Name the functions of cerebellum
22. Name the parts of brain stem
23. Give the blood supply of small intestine

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Rajiv Gandhi University of Health Sciences

First Year B.Sc. (Nursing) (Basic) Degree Examination

Time: 3 Hours] [Max. Marks: 80]

PHYSIOLOGY AND BIOCHEMISTRY

(Revised Scheme)

Your answer shall be specific to question asked. Draw neat and labelled diagrams wherever necessary.

Use separate answer books for section A and section B.

QP Code: 1677 - Section A - PHYSIOLOGY [40 Marks]

1 x 10 = 10 marks

LONG ESSAY (ANSWER ANY ONE)

1. Classify hypoxia. Describe them with suitable examples
2. Classify sensory receptors. Explain the properties of receptors

4 x 5 = 20 marks

SHORT ESSAY (ANSWER ANY FOUR)

3. Explain the structure of a cell and the functions of organelles present in it
4. List the functions of blood
5. What is resting membrane potential? Explain its ionic basis
6. Heart sounds
7. Explain the mechanism for heat loss and gain by the body

5 x 2 = 10 marks

SHORT ANSWERS

8. Name the ascending tracts and sensations carried by them
9. Mention the functions of liver
10. Mention the names of male sex hormone and female sex hormone
11. Name the hormones that helps in calcium balance
12. Mention the functions of cerebellum

QP Code: 1678 - Section B - BIOCHEMISTRY [40 Marks]

Use separate answer book

1 x 10 = 10 marks

LONG ESSAY (ANSWER ANY ONE)

1. Describe the various mechanisms which regulate blood glucose levels
2. Give the sources, functions, deficiency manifestations and RDA of Vitamin D

4 x 5 = 20 marks

SHORT ESSAY (ANSWER ANY FOUR)

3. Functions of Lipoproteins
4. Digestion of proteins
5. Substances formed from cholesterol
6. Biochemical role of Vitamin B1
7. Creatinine clearance test

5 x 2 = 10 marks

SHORT ANSWERS

8. Pellagra
9. Normal serum levels of cholesterol and potassium
10. Essential fatty acids
11. Name ONE each: homopolysachharide, heteropolysachharide, phosphosholipid and a steroid
12. Give two peptide hormones and their importance

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1681_2006_2_S01

Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc Nursing (Basic) Degree Examination

Time: Three Hours | Max Marks: 80 Marks

MICROBIOLOGY

(Revised Scheme)

QP Code: 1681

Your answers should be specific to the Questions asked.
Draw neat labeled diagrams whenever necessary.

LONG ESSAYS: (Any Two) **2 X 10 = 20 MARKS**

1. Define Immunity, Classify Immunity with examples. And write in detail on. Active Immunity.
2. Define infection, classify infections and discuss in detail on Hospital infection.
3. Describe the morphology, cultural characters and laboratory diagnosis of Corynebacterium – Diphtheriae.

SHORT ESSAYS: (Any Eight) **8 X 5 = 40 MARKS**

4. Bacterial Growth Curve.
5. Hepatitis A virus.
6. Bacterial spore.
7. Labeled diagram of Giardia intestinalis.
8. Autoclave.
9. Fumigation.
10. Candida Albicans.
11. Laboratory diagnosis of pulmonary tuberculosis.
12. Draw Immunoglobulin M. (IgM)
13. Grams stain.

SHORT ANSWERS: **10 X 2 = 20 MARKS**

14. Name two zoonotic diseases.
15. Enumerate gases used in sterilization.
16. What is septicemia?
17. Negative staining.
18. Catalase test.
19. Classify hypersensitivity.
20. Labeled diagram of Hookworm ova.
21. Enumerate Spirochetes.
22. Morphological classification of bacteria.
23. M.M.R. Vaccine.

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