(64)

1676_2007_1_S03

Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc. (Nursing) (Basic)
Degree Examination – May 2007

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.

2 X 10 = 20 MARKS

LONG ESSAYS (Answer any TWO)

1. Describe location, surfaces, borders, blood supply, nerve supply and applied anatomy of Liver.
2. Describe the extra ocular muscles.
3. Describe the Ulnar nerve and its applied anatomy.

8 X 5 = 40 MARKS

SHORT ESSAYS

4. Duodenum.
5. Greater sac.
6. Urethra.
7. Ankle joint.
8. Extensor retinaculum.
9. Tongue.
10. Trochlear nerve.
11. Carotid sheath.

10 X 2 = 20 MARKS

SHORT ANSWERS

12. Boundaries and contents of quadrangular space.
13. Name the different parts of mediastinum.
14. Mention the formation and termination of thoracic duct.
15. Name the different parts of pancreas.
16. Name the branches of Inferior mesenteric artery.
17. Name the different parts of urinary system.
18. Histology of skeletal muscle.
19. Name the muscles in the lateral compartment of leg.
20. Name any four muscles of larynx.
21. Name the openings in the lateral wall of nose.

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(65)

1679_2007_1_S06

Rajiv Gandhi University of Health Sciences

First Year B.Sc. (Nursing) (Basic) Degree Examination – May 2007

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

BASIC PRINCIPLES & PRACTICE OF NURSING
(Revised Scheme)

QP Code: 1679

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. Mr. S, 48 years, is admitted to the hospital with diagnosis of gastric ulcer.
   a. Define "Nursing Process."
   b. Prepare a detail format for the Assessment of Mr. S.
2. a. Define 'Medicine'.
   b. List down the different routes of medicine administration.
   c. Briefly explain the principles followed during administration of medications.
3. a. Define immobility.
   b. Complications of immobility.
   c. Apply nursing process in the care of patient with immobility.

SHORT ESSAY (Answer any EIGHT) **8 X 5 = 40 Marks**

4. Health – Illness continuum.
5. Team nursing.
6. Home care services.
7. Nursing care of a patient with diarrohea.
8. Assisting in Lumbar puncture.
9. Intake – output chart.
10. Principles of bandaging.
11. First Aid to a patient with burns.
12. Tools and techniques of physical examination.
13. Sick role behaviour.

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

14. Characteristics of normal pulse.
15. Incontinence.
16. Figure of Eight.
17. Sign vs. Symptom.
18. Nursing.
19. Anorexia.
20. Suppository.
21. Difference between wound and ulcer.
22. Hospice.
23. Purpose of Tredelenburg's position.

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1680_2007_1_S04

Rajiv Gandhi University of Health Sciences

First Year B.Sc. Nursing (Basic) Degree Examination – May 2007

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

GENERAL PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY
(Revised Scheme)

QP Code: 1680

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. What is the Nature & Causes of individual differences?
2. Write an essay on different types of personality.
3. What is transfer of training? Discuss the theories of transfer.

SHORT ESSAY (Answer any EIGHT) **8 X 5 = 40 Marks**

4. Briefly describe the organization of personality.
5. What is thinking? Describe the types of Thinking.
6. What are the errors in Thinking?
7. How the achievement of the students can be assessed.
8. Discuss various economical methods of Memorization & how it is useful in Education.
9. Discuss different states of Emotion.
10. What are errors in Perception? Write the differences.
11. What is the IQ? Discuss the present status of intelligence tests & its uses in Nursing.
12. Describe the laws of learning & their educational implications.
13. Varieties of Attention.

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

14. Objectives type tests.
15. Independent & dependent variable.
16. Genes.
17. Abstract thinking.
18. Case study method.
19. Fluctuation of Attention.
20. Distributed practiced in Memorization.
21. Need.
22. Heredity.
23. Maturation & Learning.

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1681_2007_1_S05

Rajiv Gandhi University of Health Sciences

First Year B.Sc. Nursing (Basic) Degree Examination – May 2007

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

MICROBIOLOGY
(Revised Scheme)

QP Code: 1681

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. Classify culture media and write in detail on selective medias with examples.
2. Define Antigen – Antibody reaction, enumerate with examples, and add a note on Widal test.
3. Classify Mycobacteria, laboratory diagnosis of Pulmonary tuberculosis and add a note on RNTCP.

SHORT ESSAY (Answer any EIGHT) **8 X 5 = 40 Marks**

4. Bacterial filters.
5. Bacterial Spore.
6. Laboratory diagnosis of Amoebiasis.
7. Hepatitis A Virus.
8. VDRL Test.
9. Morphological classification of Bacteria.
10. Chemical sterilization.
11. Bacillary Dysentery.
12. Stool examination for parasites.
13. Viral cultivation in laboratory.

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

14. Name DNA viruses.
15. Fumigation.
16. Define sterilization and Antiseptic.
17. Labeled diagram of Giardia intestinalis.
18. Infections causes by Candida Albicans.
19. Uses of Candle Jar.
20. Name two diseases caused by Spirochetes.
21. D.P.T. Vaccine.
22. Name Bile stained OVA.
23. Collection of Urine for Culture.

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(68)

1682_2007_1_S02

Rajiv Gandhi University of Health Sciences

First Year B.Sc. Nursing (Basic) Degree Examination – May 2007

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

INTRODUCTION TO COMMUNITY HEALTH NURSING

(Revised Scheme)

QP Code: 1682

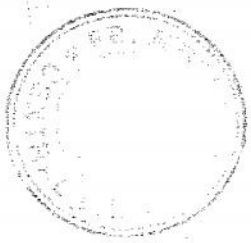
Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAY (Answer any TWO) **2 X 10 = 20 Marks**

1. Define Epidemiology. What are the uses of epidemiology? Explain the role of a Community Health Nurse in Epidemics.
2. Discuss in detail Community Nutrition programmes of India.
3. Describe briefly the Health Care Delivery system in India. And explain the functions of Primary Health Centre.

SHORT ESSAY (Answer any EIGHT) **8 X 5 = 40 Marks**

4. Elements of Primary Health Care.
5. Chlorination of Water.
6. Housing standards.
7. Indirect modes of disease transmission.
8. Health Education Bureau.
9. Methods of Excreta Disposal.
10. Types of ventilation.
11. Prevention and control of Air Pollution.
12. Sanitation of swimming pools.
13. Village Health Guide.



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

14. Define carrier.
15. Define Community Health Nursing.
16. Pasteurization of Milk.
17. Criteria of sanitary latrines.
18. Orthotolidine Arsenate Test
19. Functions of Vit 'A'.
20. Functions of Protein.
21. Tertiary level prevention.
22. Manure Pit.
23. Cold Chain.

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1683_2007_1_501

Rajiv Gandhi University of Health Sciences

First Year B.Sc. Nursing (Basic) Degree Examination – May 2007

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

SOCIOLGOY
(Revised Scheme)

QP Code: 1683

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. Explain significance of sociology in the field of nursing profession.
2. Define social control and briefly explain different means of social control.
3. Define family and describe the types and functions of family.

SHORT ESSAY (Answer any EIGHT) **8 X 5 = 40 Marks**

4. Significance of community life.
5. Individualization.
6. Negative effects of Isolation.
7. Functions of completion.
8. Types of marriage.
9. In-group - out-group.
10. Alcoholism and Ill health.
11. Characteristics of Village Community.
12. Features of caste system.
13. Theories of social change.

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

14. Social pathology.
15. Assimilation.
16. Crowd.
17. Joint Family.
18. Monogamy.
19. Class System.
20. Ascribed status.
21. Population explosion.
22. Culture.
23. Tribe.

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Rajiv Gandhi University of Health Sciences

First Year B.Sc. (Nursing) (Basic) Degree Examination – May 2007

[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]

LONG ESSAY (ANSWER ANY ONE) **1 x 10 = 10 marks**

1. Describe the ovarian cycle. Write any two tests that detect ovulation.
2. Name the divisions of cerebellum. Explain the role of cerebellum in the regulation of posture and voluntary movement.

SHORT ESSAY (ANSWER ANY FOUR) **4 x 5 = 20 marks**

3. Mention the events of cardiac cycle.
4. Name the plasma proteins and write their functions.
5. Write the principle of pregnancy diagnosis tests. Explain the immunological test.
6. Describe the functions of middle ear.
7. Describe the functions of saliva

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

8. Intrauterine contraceptive devises (IUCDS)
9. Starling's law of heat.
10. Respiratory dead space.
11. Milk ejection reflex.
12. Myopia.

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

Use separate answer book

LONG ESSAY (ANSWER ANY ONE) **1 x 10 = 10 marks**

1. Mention rich sources and RDA of vitamin A. Discuss in detail about its functions and deficiency manifestations.
2. Write the reactions of citric acid cycle. Add a note on the importance of this pathway.

SHORT ESSAY (ANSWER ANY FOUR) **4 x 5 = 20 marks**

3. Classify proteins based on their functions.
4. Name bile salts. Write about its functions.
5. Metabolic acidosis.
6. Sucrose.
7. Absorption of glucose in the intestine.

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

8. Iso electric Ph.
9. Name any four organic constituents of urine.
10. Scurvy
11. Name the test done to detect the presence of reducing substances in the urine. Write the principle of the test.
12. Write the normal ranges of the following a) Serum urea b) Serum Creatinine c) Serum sodium d) Serum potassium.

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(71) 950

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Rajiv Gandhi University of Health Sciences, Karnataka

First Year B.Sc. (Nursing) (Basic) Degree Examination – October 2007

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 (Answer any TWO) **2 X 10 = 20 MARKS**

1. Describe the location, blood supply, nerve supply and applied anatomy of Rectum.
2. Describe the nasal cavity and its applied anatomy.
3. Describe the radial nerve and its applied anatomy.

SHORT ESSAYS **8 X 5 = 40 MARKS**

4. Stomach.
5. Ovary.
6. Thyroid gland.
7. Soft palate.
8. Otic ganglion.
9. Wrist joint.
10. Right atrium.
11. Atlas.

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

12. Histology of hyaline cartilage.
13. Name the parts of respiratory system.
14. Name the branches of axillary artery.
15. Name the tributaries of inferior vena cava. Name the chamber into which it empties.
16. Name the branches of abdominal Aorta.
17. Name any four muscles in the posterior compartment of leg.
18. Name any four cranial bones.
19. Name the origin, insertion and nerve supply of deltoid.
20. Name any four ligaments of the uterus.
21. Name the structures in the hilum of the Right lung.

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Rajiv Gandhi University of Health Sciences

First Year B.Sc. (Nursing) (Basic) Degree Examination – October 2007

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

BASIC PRINCIPLES & PRACTICE OF NURSING
(Revised Scheme)

QP Code: 1679

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. a. Define Health.
   b. What are the Health Care levels?
   c. Role of a Nurse in health care delivery system.
2. a. Define Nursing.
   b. Discuss Nursing as a profession.
3. a. Define communication.
   b. List down the barriers of communication.
   c. Explain the communication process.

SHORT ESSAY (Answer any EIGHT) **8 X 5 = 40 Marks**

4. Complications of neglected mouth.
5. Comfort devices.
6. Recording and Reporting.
7. Man as a bio-psycho-social being.
8. Team Nursing.
9. Care of Body after death.
10. Principles of First Aid.
11. Barrier Nursing.
12. Primary Health Care services.
13. Nursing responsibility during steam inhalation.

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

14. Vital signs.
15. Dyspnea.
16. Disinfection.
17. Anti-emetics.
18. CPR.
19. Pyrexia.
20. ROM.
21. Medical Sepsis.
22. Decubitus ulcer.
23. Patient's Right.

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Rajiv Gandhi University of Health Sciences

First Year B.Sc. Nursing (Basic) Degree Examination – October 2007

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

GENERAL PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY
(Revised Scheme)

QP Code: 1680

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. Distinguish between primary and secondary drives. Describe briefly the physiological drives that determine our daily behaviour.
2. How would you define thinking? Describe the process by means of which concepts are formed.
3. Discuss various methods of Psychology used to study the behaviour.

SHORT ESSAY (Answer any EIGHT) **8 X 5 = 40 Marks**

4. Describe the steps involved in scientific problem solving.
5. Describe the emotions that encourage health & list others that hamper the healthy functioning of the body.
6. What is the general importance of Psychology? Why should a student Nurse study?
7. What effect does acute illness have on personality?
8. What do you understand by adjustment Mechanisms? Do they serve any useful purpose?
9. Role of Questionnaire in personality assessment.
10. Mention the meaning & Nature of forgetting.
11. How attitude can be changed?
12. Discuss various traits compositions necessary to have effective nurse patient relationship.
13. Explain the role of environment in causing individual differences.

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

14. Behaviour.
15. Principles of Heredity.
16. Integrated responses.
17. Hunger Drive.
18. Distraction of Attention.
19. Sensation.
20. Conflict.
21. Emotion as motives.
22. List the branches of Psychology.
23. Creativity.

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Rajiv Gandhi University of Health Sciences

First Year B.Sc. Nursing (Basic) Degree Examination – October 2007

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

MICROBIOLOGY
(Revised Scheme)

QP Code: 1681

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. Define and classify sterilization, write in detail on Hot Air Oven.
2. Enumerate sexually transmitted diseases, and laboratory diagnosis of Gonococal infections.
3. Enumerate Hepatitis viruses; write in detail on Hepatitis B Virus.

SHORT ESSAY (Answer any EIGHT) **8 X 5 = 40 Marks**

4. Widal test.
5. Bacterial growth curve.
6. Sterilization by radiation.
7. Draw cyst & Trophozoite of entamoeba histolytica.
8. Laboratory diagnosis of Corynebacterium diphtheriae.
9. Syphilis.
10. Hospital infection.
11. Ziel Nielsen stain.
12. Anaphylaxis.
13. Robertson cooked meat medium (RCM).

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

14. Name four tape worms.
15. Name four transport media.
16. Draw a Spore.
17. Name two Zoonotic diseases.
18. Define selective media.
19. Define antibody and name them.
20. Name Dermatophytes.
21. Draw Bacteriophage.
22. Exotoxin.
23. Write contributions of Robert Koch.

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Rajiv Gandhi University of Health Sciences

First Year B.Sc. Nursing (Basic) Degree Examination – October 2007

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

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 ESSAY (Answer any TWO) **2 X 10 = 20 Marks**

1. What are the causes of Poor Health? Write in detail. How can you prevent the disease keeping in view the levels of Prevention?
2. Define Primary Health Care. Discuss in detail the principles of Primary Health Care. What are the elements of Primary Health Care?
3. Define Community Health Nursing. Enlist the principles of Community Health Nursing.

SHORT ESSAY (Answer any EIGHT) **8 X 5 = 40 Marks**

4. Functions of Central Health Education Bureau.
5. Effects of poor Housing and Remedies.
6. Community Nutrition Programmes.
7. Water purification in small scale.
8. Village Health Guides.
9. Effects of noise exposure.
10. Global warming.
11. Methods of solid waste disposal.
12. Disease cycle.
13. Characteristics of community health.

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

14. Quarantine.
15. Functions of Vit 'A'.
16. Steps in well disinfection.
17. Iceberg Phenomenon.
18. Epidemiology.
19. Objectives of Health Education.
20. Effects of Heat stress.
21. Obesity.
22. Careers
23. Food Hygiene.

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Rajiv Gandhi University of Health Sciences

First Year B.Sc. Nursing (Basic) Degree Examination – October 2007

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

SOCIOLGOY
(Revised Scheme)

QP Code: 1683

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. Define social group and explain the significance of social group in society.
2. Describe the role of family in health and disease of individual.
3. What is sociology? Explain importance of study of sociology.

SHORT ESSAY (Answer any EIGHT) **8 X 5 = 40 Marks**

4. Features of community.
5. Socialization.
6. Process of social interaction.
7. Characteristics of secondary groups.
8. Factors influencing social change.
9. Health benefits of monogamy.
10. Culture and ill Health.
11. Features of Indian caste system.
12. Social welfare planning.
13. Causes of over population.

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

14. Co-operation.
15. Public.
16. Family planning.
17. Fraternal polyandry.
18. Rural community.
19. Caste system.
20. Role-playing.
21. Fashion.
22. Cultural Lag.
23. Public opinion.

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Rajiv Gandhi University of Health Sciences

First Year B.Sc. (Nursing) (Basic) Degree Examination – October 2007

[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]

LONG ESSAY (ANSWER ANY ONE) **1 x 10 = 10 marks**

1. Describe the Rh blood group system and the consequences of Rh incompatibility.
2. Describe the sliding filament mechanism of muscle contraction.

SHORT ESSAY (ANSWER ANY FOUR) **4 x 5 = 20 marks**

3. Describe the primary taste sensations.
4. Describe the actions of thyroxin.
5. Describe the process of glomerular filtration.
6. Explain the conducting tissues of heart.
7. Describe the factors maintain arterial blood pressure.

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

8. Functions of ADH
9. Enumerate the functions of platelets.
10. Define reflex action.
11. Name the types of hypoxia.
12. Function of large intestine.

QP Code: 1678 - Section B - BIOCHEMISTRY [40 Marks]
Use separate answer book

LONG ESSAY (ANSWER ANY ONE) **1 x 10 = 10 marks**

1. Write the reaction sequences of glycolysis. Add a note on its energetics, both under aerobic and anaerobic conditions.
2. Describe the renal function test.

SHORT ESSAY (ANSWER ANY FOUR) **4 x 5 = 20 marks**

3. Classify proteins based on their functions.
4. Respiratory alkalosis
5. Digestion of lipids
6. Name ketone bodies. Write about Ketogenesis.
7. Creatinine clearance test

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

8. Name the coenzyme form of riboflavin and niacin
9. Serum enzyme markers in myocardial infarction.
10. Functions of vitamin K.
11. Write the normal blood level of a) Urea b) Creatinine c) Potassium d) Calcium.
12. What are essential fatty acids? Name them.

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