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Rajiv Gandhi University of Health Sciences

QP CODE : 1676

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION,September-2005
ANATOMY
((Revised Scheme))

Time : Three Hours

Maximum Marks :80 Marks

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

Long Essays

1. Describe the coronary arteries giving their applied anatomy.
2. Classify the joints with examples. Describe synovial joint in detail.
3. Describe the tongue giving its gross anatomy, blood supply, nerve supply, lymphatic drainage, histology and applied anatomy.

[2 x 10 = 20 marks]

Short Essays

4. Peritoneum.
5. Urinary bladder.
6. Bronchopulmonary segments.
7. Right atrium.
8. Duodenum.
9. Microscopy of compact bone.
10. Prostate.
11. Medulla oblongata.
12. Spleen.
13. Cerebellum.

[8 x 5 = 40 marks]

Short Answers

14. Classify the cartilages giving examples.
15. Name 2 pharyngeal muscles giving their nerve supply.
16. Name the laryngeal muscles.
17. Give the attachments of the deltoid muscle.
18. Give the arterial supply of the knee joint.
19. Name 4 muscles of the back.
20. Give the branches of axillary artery.
21. Draw a labeled diagram of a cell with its organelles.
22. Name all the ventricles of the brain. How are they connected to each other.
23. Give the origin and termination of thoracic duct.

[10 x 2 = 20 marks]



Rajiv Gandhi University of Health Sciences

QP CODE : 1677/1678

FIRST YEAR B.Sc.NURSING (BASIC) DEGREE EXAMINATION,September-2005
PHYSIOLOGY AND BIOCHEMISTRY
(Revised Scheme)

Time : 3 hours | Maximum Marks :80 Marks

Your Answer shall be specific to Questions Asked
Draw Neat and Labeled Diagrams where ever Necessary. Use Seperate Answer books for section A and B

SectionA (Physiology)
(40 marks)

Long Essays

1. Describe the stages of erythropijesis and factors essential for it.
2. Describe the synaptic transmission at the neuromuscular junction.

[1 x 10 = 10 marks]

Short Essays

3. Describe the errors of refraction with correction.
4. Describe the effects of mismatched blood trasfusion.
5. Describe the actions of testosteone.
6. Micturition-give the innervation to the urinary bladder. Explainmicturition reflex.
7. Describe the effects of exercise on cardiovascular and respiratory systems.

[4 x 5 = 20 marks]

Short Answers

8. Signs and cause of diabetes insipidus.
9. List the functions of haemoglobin (HP).
10. Name the types of hypoxia.
11. Draw and label the rerlex arc.
12. List the functions of lymphocyte.

[5 x 2 = 10 marks]

SectionB (Bio-Chemistry)
(40 marks)

Long Essays

13. Describe urea cycle. What is its importance.?
14. Discuss Glycogen metabolism. Add a note on its regulation.

[1 x 10 = 10 marks]

Short Essays

15. Biochemical functions of folic acid.
16. Respiratory acidosis.
17. Biochemical investigation to diagnose jaundice.
18. Chemistry of polysaccharides.

[4 x 5 = 20 marks]

Short Answers

19. Normal ranges of serum electrolytes.
20. Pellagra.
21. Anticoagulants used in blood collection.
22. Inorganic components of urine.
23. Serum enzyme marker in myocardial infarction.

[5 x 2 = 10 marks]

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Rajiv Gandhi University of Health Sciences

QP CODE : 1679

FIRST YEAR B.Sc.NURSING (BASIC) DEGREE EXAMINATION,October-2005
BASIC PRINCIPLES AND PRACTICE OF NURSING
((Revised Scheme))

Time : Three Hours

Maximum Marks :80 Marks

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

Long Essays

1. (a). Define strees.
(b).Discuss the various coping mechanisms
2. Discuss in brief health illness continueum and levels of care.
3. (a). Define inter personal relationship?
 (b). Discuss the jechnique of inter view.

[2 x 10 = 20 marks]

Short Essays

4. Physical examination.
5. Levels of prevention.
6. Progressive patient care.
7. Multi disciplenary approach.
8. Reporting and records.
9. Body mechanic.
10. Feeding helpless patient.
11. Fluid & electrolyte balance.
12. First aid for fracture-lower limb.
13. Oxygen inhalation.

[8 x 5 = 40 marks]

Short Answers

14. Comfort measures.
15. Types of beds.
16. Characteristics of pulse.
17. Purpose of giving back massage.
18. The factors which affects the body temperature.
19. Last office.
20. Type of nutrients.
21. Objective observation.
22. Suppositories.
23. Define nursing.

[10 x 2 = 20 marks]

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Rajiv Gandhi University of Health Sciences

QP CODE : 1680

FIRST YEAR B.Sc.NURSING (BASIC) DEGREE EXAMINATION,September-2005
GENERAL PSYCHOLOGY AND EDUCATIONAL PSYCHOLOGY
((Revised Scheme))

Time : Three Hours

Maximum Marks :80 Marks

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

Long Essays

1. Define psychology and explain any two methods of psychology.
2. Explain theories of emotions and what do you mean by emotional status.
3. What is the scope of educational psychology in our society? Explain any two methods of psychology.

[2 x 10 = 20 marks]

Short Essays

4. How is psychology related to behaviour.? What do you mean by integrated responses?
5. Explain vareties of attention and what is degree of attention?
6. What is perception? Explain extrasensory perception.
7. Define conflictand how it is related to motives.
8. Clarify drives and needs in motivation.
9. Define emotion and how does it influence our motives.
10. Define personality and explain any one type of personality.
11. What is the meaning and scope of educational psychology?
12. Explain introspection method with suitable example.
13. What are the factors that influence tearning? Explain in brief.

[8 x 5 = 40 marks]

Short Answers

14. Scope of psychology.
15. Principles of heredity.
16. Integrated responses.
17. Attention.
18. Define perception.
19. Personal motives.
20. Aggression.
21. Drives.
22. Emotional status.
23. Organization of personality.



[10 x 2 = 20 marks]

(31) (95)

Rajiv Gandhi University of Health Sciences

QP CODE : 1681

FIRST YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION,October-2005
MICROBIOLOGY
((Revised Scheme))

Time : Three Hours | Maximum Marks :80 Marks

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

Long Essays

1. Classify vibrios. Discuss the laboratory diagnosis of cholera. How is this disease prevented.
2. Define stenlisation. Discuss in detal the methods of stenlisation using moist heat.
3. Describe the morphology, and life cycle laboratory diagrosis of entamoeba histolylica.

[2 x 10 = 20 marks]

Short Essays

4. Acid fast stain.
5. Bacteral spore.
6. Flagella.
7. Agglutination reaction.
8. Differences between bacteria and vineses.
9. Seum sickness.
10. Methods of.
11. Laboratory diagrosis of streptococcal phaungitis.
12. Leishmania dorovari.
13. Candida albicans.

[8 x 5 = 40 marks]

Short Answers

14. Name 2 tapeworms.
15. Draw a diagram of a look worms egg.
16. Definitive host with an example.
17. Dermatophytes.
18. D.P.T. vaccine.
19. Leptospira.
20. Well-felix test.
21. Mantoux test.
22. Hepatitis B ums.
23. Satellatism

[10 x 2 = 20 marks]



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Rajiv Gandhi University of Health Sciences

QP CODE : 1682

FIRST ~~SECOND~~ YEAR B.Sc. NURSING (BASIC) DEGREE EXAMINATION, October-2005

INTRODUCTION to COMMUNITY HEALTH NURSING - I

((Revised Scheme))

Time : Three Hours

Maximum Marks :80 Marks

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

Long Essays

1. List the health problems of india. Describe any two problems in detail.
2. Describe the modes of disease transmission and general measures of controlling communicable diseases.
3. Describe the management of malnutrition. What are the specific nutritional programmes of the governement.

[2 x 10 = 20 marks]

Short Essays

4. Determinants of community health.
5. Principles of primary health care.
6. Health hazards of environment.
7. Biological effects of radiation.
8. Effects of air poilution and its prenention.
9. Types of ventilation.
10. Criteria of healthful house.
11. Methods of solid waste disposal.
12. Sources of water.
13. Sanitation of swimming pool.

[8 x 5 = 40 marks]

Short Answers

14. Rickets.
15. Vital layer.
16. Uses of A.V.Aids.
17. Chlorination.
18. Pasteurization.
19. Pellagra.
20. Food additives.
21. Controlled tipping.
22. Effects of heat stress.
23. Anganwadi worker.



[10 x 2 = 20 marks]

(97)

Rajiv Gandhi University of Health Sciences

QP CODE : 168

FIRST YEAR B.Sc.NURSING (BASIC) DEGREE EXAMINATION,September-2005
SOCIOLOGY
((Revised Scheme))

Time : Three Hours

Maximum Marks :80 Mark

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

Long Essays

1. Describe briefly the contributions of sociology in the nursing profession.
2. Define urbancommunity. Describe its salient features and the social problems in the urban communities.
3. What do you mean by social stratification? Examine the stratification of indian society.

[2 x 10 = 20 marks

Short Essays

4. Community development project.
5. Social processes-competition and conflict.
6. Cultural factors in health and disease.
7. Social disorganisation and its causes.
8. Impact of urbanization on the rural community.
9. Social class and health.
10. Characteristics of indian village community.
11. Describe different social systems in society.
12. Role and status of individuals in a changing society.
13. Tribal society and its features.

[8 x 5 = 40 marks]

Short Answers

14. Social Medicine.
15. Primary group.
16. Individualisation.
17. Caste system.
18. Social mobility.
19. Fraternal polyandry.
20. Industialisation.
21. Role and status.
22. Population explosion.
23. Social planning.



[10 x 2 = 20 marks]