Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Radiography Degree Examination – Sep 2012

Time: Three Hours | Max. Marks: 80 Marks

ANATOMY

Q.P. CODE: 2201

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 parts of the brain. Describe the midbrain
2. Classify the joints. Describe a typical synovial joint
3. Name the parts of the respiratory system. Describe the lung

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

4. Boundaries of thoracic inlet and structures passing through
5. Major openings in the diaphragm and structures passing through
6. Name the bones of upper limb and mention their types
7. Name 5 features of interior of right ventricle
8. Name 5 features of testis
9. Mention the measurements and coverings of the kidney
10. Histology of bone
11. Name the muscles of thigh and their nerve supply
12. Name the regions of larynx and their sensory nerve supply
13. Name the parts and the muscles of pharynx

SHORT ANSWERS — 10 x 2 = 20 Marks

14. Types of pericardium
15. Name the carpal bones
16. Bones involved in knee joint
17. Two features of the thoracic duct
18. Name two lymphoid organs
19. Name two abductors of the hip joint
20. Name muscles supplied by Ulnar nerve in the forearm
21. Name two muscles of the larynx
22. Two examples for Pivot joint
23. Name two muscles of the back

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PHYSIOLOGY

Q.P. CODE: 2202

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 pituitary gland hormones. Explain the mechanism of action and Functions of growth Hormone
2. Draw the diagram of pyramidal Tracts and explain the functions
3. Describe the stages of Erythropoesis. Write the classification of Anemias

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

4. Heart Sounds
5. Chemical Regulation of Respiration
6. Vital capacity
7. Baroreceptors
8. Colour vision and colour blindness
9. Refractory period in cardiac muscle
10. Hyperthyroidism
11. Menstrual cycle
12. Functions of cerebellum
13. Pathway of vision

SHORT ANSWERS 10 x 2 = 20 Marks

14. Surfactant
15. Diagram of normal E C G
16. Renne's test
17. Draw a diagram if location of taste sensations
18. Name the types of hypoxia
19. Saltatory conduction
20. C S F
21. Oedema
22. Anatomical dead space
23. S A Node

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