Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Allied Health Sciences Degree Examination – 22-Oct-2026

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

BASIC ANATOMY (INCLUDING HISTOLOGY)

(RS3 – Medical Laboratory Technology, Medical Imaging Technology and Radiotherapy Technology RS2 – Operation Theatre Technology, Cardiac Care Technology, Perfusion Technology, Renal Dialysis Technology, Respiratory Care Technology, Anaesthesia Technology and Neurosciences Technology)

Q.P. CODE: 3151

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

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

1. Name the parts of excretory system. Describe the gross anatomy of urinary bladder.
2. Describe the formation and termination of portal vein. Add a note on porta-caval anastomosis.
3. Name the meninges of the brain. Describe the cavernous sinus.
4. Name the endocrine glands in the body. Explain the parts and blood supply of thyroid gland.
5. Boundaries and contents of femoral triangle.
6. Draw a neat labelled diagram of microscopic structure of a compact bone.
7. Describe the sinuses of pericardium.
8. Describe the openings of the diaphragm.
9. Name the parts of the large intestine and describe the interior of the anal canal.
10. Formation, tributaries and termination of the inferior venacava.

SHORT ANSWERS (Answer any Ten) **10 x 3 = 30 Marks**

11. Classify the synovial joint with examples.
12. Name the ligaments that support the uterus.
13. Name the muscles in the posterior abdominal wall.
14. Define the anatomical position and its importance.
15. Name the parts of the pancreas.
16. Name any three lymphatic organs.
17. Name the ventricles of the brain.
18. Microscopic structure of a skeletal muscle.
19. Name any three arteries of the upper limb.
20. Name any three muscles of the lower limb.
21. Name the cells and fibers of connective tissue.
22. Name any three peritoneal folds of abdomen.

TO THE POINT ANSWERS (Answer any Five) **5 x 2 = 10 Marks**

23. Name the parts of a multipolar neuron.
24. Name any three peripheral nerves.
25. Name the layers of testis.
26. What is fertilization? Where does it occur?
27. Name the appendages of skin.
28. Name the intercostal muscles.
29. Name the anatomical planes of the body.

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