

Rajiv Gandhi University of Health Sciences, Karnataka

I Year B.Sc. Allied Health Sciences Degree Examination – 24-Oct-2025

Time: Three Hours

Max. Marks: 80

BASIC ANATOMY (INCLUDING HISTOLOGY)

(RS-3 – Medical Laboratory Technology, Medical Imaging Technology and Radiotherapy Technology

RS-2 – 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. Classify epithelium with suitable examples
2. Cubital fossa – boundaries and contents
3. Uterus – parts, position and blood supply
4. Name the types of muscles. Draw a neat labelled diagram of transverse section of skeletal muscle
5. Classify synovial joints with examples
6. Describe the external features and blood supply of lung
7. Describe spermatogenesis
8. Abdominal aorta – formation, termination and branches
9. Draw a neat labelled diagram of typical spinal nerve
10. Describe the upper end of femur

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

11. Name the layers of pericardium
12. Name the bones of the vertebral column
13. Draw neat labelled diagram of nephron
14. Name the cranial nerves in order
15. Enumerate any three difference between thick skin and thin skin
16. Name the extra ocular muscles with their nerve supply
17. Name the meningeal layers of the brain
18. Name the parts and blood supply of thyroid gland
19. Name the parts of male urethra
20. Difference between serous and mucous salivary gland
21. Name the parts of the hip bone
22. Differentiate between the three types of cartilage with examples

TO THE POINT ANSWERS (Answer any Five)

5 x 2 = 10 Marks

23. Name the parts of small intestine
24. Define the anatomical position
25. Name the structures at hilum of kidney
26. Name the parts of fallopian tube
27. Name the parts of corpus callosum
28. Name the paranasal air sinuses
29. Name the lobes of prostate gland
