

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**I Year B.Sc. Allied Health Sciences Degree Examination – 12-Dec-2022**

**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**

**(QP contains two pages)**

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. Bronchopulmonary segments
2. Portocaval anastomosis
3. Cerebellum
4. Describe the interior of the anal canal.
5. Urinary bladder – position, parts, interior and nerve supply
6. Middle ear
7. Mitosis
8. Microscopic structure of hyaline cartilage
9. Clavicle
10. Pituitary gland – position, parts, hormones and blood supply

**SHORT ANSWERS (Answer any Ten)**

**10 x 3 = 30 Marks**

11. Auditory tube
12. Middle meatus
13. Name the Hamstring muscles.
14. Sesamoid bone
15. Stratified epithelium with examples
16. Features of synovial joints
17. Draw a neat labelled diagram of a neuron.
18. Histology of lymph node
19. Meninges
20. Muscles of the tongue
21. Any three differences between small intestine and large intestine
22. Spermatic cord

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## TO THE POINT ANSWERS (Answer any Five)

5 x 2 = 10 Marks

23. Name the salivary glands.
24. Name any four branches of abdominal aorta.
25. Name the bones in the forearm.
26. Name parts of the hip bone.
27. Waldeyers ring – components
28. Name four cartilages of larynx.
29. Two ligaments of the liver

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