

Rajiv Gandhi University of Health Sciences, Karnataka
First Year Bachelor in Prosthetics and Orthotics Degree Examination – 24-Oct-2025

Time: Three Hours

Max. Marks: 80 Marks

ANATOMY - (RS3)

Q.P. CODE: 2961

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

ESSAYS TYPE (answer any Two)

2 x 10 = 20 Marks

1. Describe in detail on the structures of surrounding shoulder joint including nerve supply, blood supply and the muscles surrounding shoulder joint.
2. Describe the structure of kidney, its functions, nerve supply and blood supply in detail with diagram.
3. Describe the structure and functions of gastrointestinal system.

SHORT ESSAYS TYPE (answer any Six)

6 X 5 = 30 Marks

4. Differentiate spongy bone and compact bone-microscopic appearance, location and function.
5. Describe the wound healing process.
6. Describe the structure and functions of lungs during respiration.
7. Describe Hamstring muscles, nerve supply and their action.
8. Describe cubital fossa structure, boundaries and contents of it with applied importance.
9. Draw a neat label diagram of pelvis with its bony landmark both anterior and posterior view.
10. Draw the neat label diagram of pancreas and functions of it.
11. Describe the bones, curvatures and joints of vertebral column. Give applied importance.

SHORT ANSWERS TYPE (answer any Ten)

10 x 3 = 30 Marks

12. List any 6 bony landmarks in lower extremity.
13. List the tarsal bones.
14. List vertebral and chest bones.
15. Name the bones of skull.
16. Write the difference between artery and vein.
17. What are the features of vertebral column?
18. Define integumentary system.
19. List functions of Atlanto-axial joint.
20. Define Motor unit.
21. List the functions of Mitochondria.
22. Write the classification of ribs.
23. List the functions of ligaments.
