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Rajiv Gandhi University of Health Sciences, Karnataka

First Year Bachelor in Prosthetics and Orthotics Degree Examination – SEP-2019

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 the structure and functions of Heart with the neat diagram.
2. Describe Quadriceps muscles under origin insertion, nerve supply, actions and applied importance.
3. Describe the articular surfaces, ligaments, muscles actions and nerve supply of the knee joint.

SHORT ESSAYS TYPE (answer any Six)

6 X 5 = 30 Marks

4. Describe muscles of posterior compartment of thigh with its origin, insertion and action.
5. Write short note on important anthropometric measurements.
6. Explain the boundaries and contents of Femoral triangle.
7. Describe the structure and functions of kidney with diagram
8. Explain the structure and functions of stomach with diagram.
9. Describe the structures, movements and muscles involved in elbow joint.
10. Write the structure, boundaries and functions of Popliteal fossa
11. Write the structures and movements of sub-talar joint.

SHORT ANSWERS TYPE (answer any Ten)

10 x 3 = 30 Marks

12. Name the muscles that produce dorsiflexion and plantar flexion.
13. Write the location and function of a cartilage.
14. List the difference between hyaline and fibro cartilage.
15. Write the classification of joints.
16. Name the tarsal bones.
17. List the Vertebral bones
18. Name the hamstring muscles and its location.
19. What are the normal curvatures seen in the spine?
20. Write the histology of Skin.
21. List the functions of blood.
22. What is neck-shaft angle of femur?
23. What is the cause for Foot drop?



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