

Rajiv Gandhi University of Health Sciences, Karnataka
Second Year Master of Physiotherapy Degree Examination – 22-Nov-2024

[Time: 3 Hours]

[Max. Marks: 100]

Fundamental Principles of Musculoskeletal Physiotherapy
Paper II (RS-4)
Q.P. CODE: 8130

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

Answer All The Questions

10 X 10 = 100 Marks

1. Explain the various classification of joints.
2. Describe how body size influence musculoskeletal disorder
3. Describe the Kinetic & Kinematic change following Patellectomy
4. Role of equilibrium following Total Hip Replacement
5. Describe the changes seen in gait following Osteoarthritis knee.
6. Write in detail about various methods of energy conservation following below knee amputation
7. Describe the change in the mechanics seen in lumbar spine following L4, L5 disc prolapse
8. Describe the various postural deformation seen in Ankylosis Spondylitis
9. A 60 Years old woman is unable to dorsiflex her left ankle following prolonged crossed leg sitting. Describe the pathological gait.
10. Describe the effects of cold on skeletal muscle performance.

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