

Q.P. Code: 123014

Reg. No.:.....

First Year BPT Degree Supplementary Examinations June 2024

Paper III – Biomechanics and Kinesiology

(2016 Scheme)

Time: 3 hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(2x15=30)

1. Describe the structure and functions of Hip joint.
2. Discuss the kinematics and kinetics of Patella Femoral Joint. Add a note on applied anatomy.

Short Essays

(4x10=40)

3. Types of muscle fibers and its function.
4. Ligaments of knee joint.
5. Describe Scapulohumeral rhythm in detail.
6. Structure and function of Plantar arches.

Short Answers

(10x3=30)

7. Genu Valgum.
8. Facet joint.
9. Claw toes.
10. Synovial joint.
11. Latissimus Dorsi.
12. Nursemaid's elbow.
13. Coracoacromial arch.
14. Spodylolisthesis
15. Waddling gait.
16. Angle of pull.
