

KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
TELANGANA STATE, WARANGAL – 506 002

P.G DIPLOMA SUPPLEMENTARY EXAMINATIONS: NOVEMBER, 2022

DIPLOMA IN ORTHOPAEDICS (D ORTHO)

PAPER- I
(BASIC SCIENCES)

Time: 3 Hours

Max Marks: 100

Note: Answer all questions

Give Diagrammatic representation wherever necessary

Write short essay on the following:

4 X 15 = 60

1. Describe the metabolism of Vitamin D. Discuss the clinical features and management of rickets in a boy of 10 years old.
2. Describe various bone graft substitutes. Discuss principles, indication and complication of bone graft.
3. Describe the arches of foot and principles of management of flat foot.
4. Discuss the anatomy of epiphyseal plate and classification of epiphyseal injuries.

Write short note on the following:

4 X 10 = 40

5. Crush syndrome.
6. Bigelows ligament.
7. PET-CT in orthopaedics.
8. Synovial fluid analysis.
