

**VINAYAKA MISSION'S RESEARCH FOUNDATION  
(Deemed to be University), SALEM**

**M.P.T. DEGREE EXAMINATION – April 2019  
Fourth Semester**

**PT IN ORTHOPAEDICS**

Time: Three hours

Maximum : 100 marks

**I. Write short answers on:**

**(10 x 2 = 20)**

1. SACH foot
2. Alzheimer's disease
3. Cock up splint
4. Taylor's Brace
5. Paget's disease
6. Madelung's deformity
7. Arthrodesis
8. Club foot
9. Supra spinatous tendinitis
10. Genu recurvatum.

**II. Write short notes on:**

**(8 x 5 = 40)**

11. Terminal device in upper limb prosthesis
12. Muscle energy technique
13. Sprengel's shoulder
14. Electromyography
15. Neural tissue mobilisation
16. Neuro muscular tapping techniques
17. Bio feed back
18. Lumbar canal stenosis.

**III. Write essays on:**

**(2 x 20 = 40)**

19. A 60 years old diabetic patient has limited left shoulder movement and its suffering from adhesive capsulitis. How will you mobilize this patient's joint?
20. A 85 years old patient slipped down in his bath room and sustained wedge compression fracture of L<sub>2</sub> vertebra. Discuss in detail the management of this patient.