

THE TAMIL NADU DR.M.G.R. MEDICAL UNIVERISYT

(MCH 0822)

AUGUST 2022

Sub. Code: 1951

M.Ch. – HAND SURGERY

Paper I – BASIC SCIENCES

Q.P. Code: 181951

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Describe the arterial supply of the bones of the hand. Discuss the various intra-osseous vascular patterns of the Lunate bone and its clinical implications.
2. Describe the innervation of the intrinsic musculature of the hand. Elaborate the patho-mechanics of the claw hand deformity.

II .Write notes on:

(10 x 7 = 70)

1. Gantzer's muscle.
2. Tourni-Cot[®].
3. Kazuteru Doi.
4. Bands of Fontana.
5. Vincula Tendinea.
6. Cervical Rib.
7. Ziter's view.
8. Myofibroblast.
9. Transverse retinacular ligament.
10. Myelin sheath.
