

(LP 951)

AUGUST 2019

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. Discuss the *in utero* development of the human hand. Briefly mention the salient features of the Oberg Manske Tonkin (OMT) classification of congenital differences of the hand.
2. Describe the anatomy of the Distal Radio Ulnar Joint (DRUJ). Discuss the biomechanics of the Triangular Fibrocartilagenous complex (TFCC).

**II. Write notes on:**

**(10 x 7 = 70)**

1. Bier's block.
2. Ligament Box Complex.
3. Scapholunate Interosseous ligament.
4. Robert's view.
5. Paul Brand.
6. Somatosensory Evoked Potentials (SSEP).
7. Martin Gruber anastomosis.
8. Nail bed.
9. Wallerian degeneration.
10. Beak ligament.

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