

HAND & MICRO SURGERY

## THEORY PAPER

Time : 3 hours

Max. Marks : 100

Attempt all questions in order.

Each question carries 10 marks.

Write short notes on:

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| 1.  | a) Functional spaces of hand.<br>b) Arches of the hand.  | 5+5   |
| 2.  | a) Extensor system of hand.<br>b) Zones of injury of extensor tendons.   | 4+6   |
| 3.  | Clinical signs of:<br>a) Median nerve injury.<br>b) Ulnar nerve injury.  | 5+5   |
| 4.  | a) Classification of congenital hand deformities.<br>b) Symbrachydactyly.  | 5+5   |
| 5.  | a) Carpel Tunnel syndrome.<br>b) Imaging in vascular anomalies of upper limb.  | 5+5   |
| 6.  | a) Volkmann's Ischemic Contracture.<br>b) Acute infections of hand.  | 6+4   |
| 7.  | a) Giant cell tumour of tendon sheath.<br>b) Principles and techniques of distraction lengthening for hand reconstruction.   | 4+6   |
| 8.  | a) Techniques to cover soft tissue defects of thumb.<br>b) Classification of fingertip injury.   | 7+3   |
| 9.  | a) Gracilis muscle flap.<br>b) Tendon transfers for radial nerve palsy.  | 4+6   |
| 10. | a) Pathomechanics of Birth Brachial plexus injury.<br>b) Primary surgeries in Birth Brachial plexus palsy.<br>c) Secondary surgeries in Birth Brachial plexus palsy. | 2+4+4 |

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