

**Write short notes on:**

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