

(LN 953)

AUGUST 2018

Sub. Code: 1953

M.Ch. – HAND SURGERY

Paper III – APPLIED HAND SURGERY

Q.P. Code: 181953

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the management of a 30-year old male presenting with wrist, finger and thumb drop following an open reduction and internal fixation of a humerus shaft fracture one month back.
2. Discuss the management of a 3-year old child presenting with obstetric brachial plexus palsy with a restricted shoulder abduction and external rotation with persistent elbow flexion deformity.

II. Write notes on:

(10 x 7 = 70)

1. Volkmann's sign.
2. Carpal revascularization.
3. Lumbrical plus phenomenon.
4. Ulnar longitudinal deficiency.
5. Quadriga effect.
6. Mucous cyst.
7. Management of Boutonniere deformity in Rheumatoid arthritis.
8. Brand's transfer for claw hand.
9. Partial wrist fusions.
10. Erik Moberg.

(LP 953)

AUGUST 2019

Sub. Code: 1953

M.Ch. – HAND SURGERY

Paper III – APPLIED HAND SURGERY

Q.P. Code: 181953

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the management of a 30-year old male presenting one month after a motor cycle accident with C5/6 root avulsion injury of his right brachial plexus.
2. Discuss the management of a 3-year old child presenting with a Modified Bayne Type IV Radial Longitudinal deficiency.

II. Write notes on:

(10 x 7 = 70)

1. Anconeus epitrochlearis.
2. SHEAR deformity.
3. Quadrigia phenomenon.
4. Terry Thomas sign.
5. Marco Godina.
6. Carpal Bosse.
7. Management of Swan neck deformity in Rheumatoid arthritis.
8. Hypothenar hammer syndrome.
9. Ligament reconstruction and tendon interposition (LRTI) procedure.
10. Scaphocapitate syndrome.

(MCH 0821)

AUGUST 2021

Sub. Code: 1953

M.Ch. – HAND SURGERY

Paper III – APPLIED HAND SURGERY

Q.P. Code: 181953

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the management of a 3-month old male baby presenting with a flail left upper limb since birth with associated Horner's syndrome.
2. Discuss the management of a 30-year old female patient with a benign aggressive expansile osteolytic lesion of the distal radius of 3 months duration.

II. Write notes on:

(10 x 7 = 70)

1. Sputnik splint.
2. Fibrillation potentials.
3. Finsterer sign.
4. Ultrasound in hand surgery.
5. William Littler.
6. 1st Carpometacarpal(CMC) joint fusion.
7. Dufourmental flap.
8. Four corner fusion.
9. Neurotization for wrist extension.
10. Lepra reaction.

Sub. Code: 1953

Paper III – APPLIED HAND SURGERY

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

(MCH 0124)

JANUARY 2024

Sub. Code: 1953

**M.Ch. – HAND SURGERY
PAPER III – APPLIED HAND SURGERY**

Q.P. Code: 181953

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the management of a 25-year-old adult presenting with an acute mangled upper extremity following a motor vehicle accident.
2. Describe the surgical restoration of key-pinch in a patient with ulnar claw hand following Hansen's disease.

II .Write notes on:

(10 x 7 = 70)

1. Graft repositioning on flap (GRF) procedure.
2. Nascent potentials.
3. Small joint arthroscopy.
4. Pollicization.
5. Radio-scapho-lunate (RSL) fusion.
6. Triangular-tilt procedure.
7. Nerve transfers in high-ulnar nerve palsy.
8. 4, 5 Extensor compartmental artery.
9. Tenosynovial Giant cell tumour.
- 10.Dinkar Palande.

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

(MCH 0824)

AUGUST 2024

Sub. Code: 1953

M.Ch. BRANCH XI – HAND SURGERY

PAPER III – APPLIED HAND SURGERY

Q.P. Code: 181953

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the management of a 30-year-old male presenting with a flail left upper limb with associated Horner's syndrome following a motor-cycle accident 3 months back.
2. Classify congenital thumb hypoplasia. Discuss the management of a 1-year-old female child with a Blauth Type III hypoplastic thumb.

II. Write notes on:

(10 x 7 = 70)

1. James position.
2. Positive sharp waves in electromyogram.
3. Froment's sign.
4. Hypodermic needle in Hand surgery.
5. Dinkar Palande.
6. Scaphotrapezial trapezoid (STT) joint fusion.
7. Five flap Z-plasty.
8. Principles of Tendon transfer.
9. Winging of scapula.
10. Erythema Nodosum Leprosum.

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

(MCH 0225)

FEBRUARY 2025

Sub. Code: 1953

**M.Ch. BRACH XI – HAND SURGERY
PAPER III – APPLIED HAND SURGERY**

Q.P. Code: 181953

Time: Three Hours

Maximum: 100 Marks

I. Elaborate on:

(2 x 15 = 30)

1. Discuss the common patterns of Traumatic Brachial Plexus Injury and management of a C5-C7 Injury in a young active adult.
2. A 20-year-old Badminton player presents with Ulnar-sided wrist pain of 3 months' duration. Discuss the possible causes and relevant management options.

II. Write notes on:

(10 x 7 = 70)

1. MCP (Metacarpophalangeal joint) Arthroplasty.
2. Hand Burns.
3. Thumb in Rheumatoid Hand.
4. Hand Deformities in Hansen Disease.
5. Vaughn-Jackson Lesion.
6. Human Bite Injuries.
7. Clinodactyly.
8. Neuromas.
9. Enchondroma of the Hand.
10. Mallet Finger.
