

**Write short Notes on:**

1. Functions of skin.
2. Classify the skin flaps according to its blood supply. Describe the classification of perforator flaps in detail.
3. Healing of wound by first intention.
4. Role of 'Z plasty' in plastic surgery.
5. Anatomy of flexor sheath of finger.
6. Different classification of peripheral nerve injury.
7. Development of male genital tract and its relevance to epispadias.
8. TNM classification of carcinoma of cheek.
9. What is LASER? Discuss the role of LASER in plastic surgery.
10. Topical chemotherapeutic agents in Burns.

**Write short Notes on:**

1. Describe the anatomy of extensor mechanism of finger. Explain pathophysiology of boutonniere deformity and management of chronic boutonniere deformity.
2. Describe the causes and management of lymphoedema in lower limb.
3. How will you evaluate a case of Brachial Plexus Injury?
4. Describe the different options available for reconstruction of two third of lower lip defect.
5. Describe the blood supply of a Long Bone. Enumerate common vascularized bone grafts and describe vascularized fibular bone graft.
6. Discuss the management of velopharyngeal incompetence in cleft palate patient.
7. How will you manage a case of secondary cleft lip nose in adult patient?
8. How will you reconstruct breast following mastectomy in cancer patient.
9. Describe radial ray hypoplasia and its management.
10. Enumerate the various techniques available for management of facial palsy of 2 year duration for angle of mouth only. Describe the best method out of the available options.

**Write short Notes on:**

1. How do you classify the congenital hand anomalies? Discuss the management of Constriction Ring Syndrome.
2. Describe the changes which occur in skin after tissue expansion.
3. Describe the different techniques of non surgical wound closure.
4. Give the newer classification of tumors of Jaw.
5. What is osteointegration? Discuss its role in plastic surgery.
6. Discuss the non surgical facial rejuvenation in brief.
7. Describe the newer burn wound dressing for burn patient.
8. Discuss the nutritional management in extensive burn patient.
9. What is endoscopic surgery? Discuss its role in Plastic Surgery.
10. Describe different implants suitable for plastic surgery.

**Write short notes on:**

1. Describe the development of male genital tract and enumerate few of congenital anomalies of male genital tract
2. Describe the etiopathogenesis of high voltage electric burn injury. How it differs from thermal burn
3. Classify jaw tumors. Describe the most common malignant tumor of jaw
4. How will you investigate a patient having peripheral nerve injury of upper limb
5. What is the significance of ESBL producing micro-organism in surgical wound. How will you manage such cases of wound sepsis
6. Describe the extensor tendon attachment on finger. Discuss two most common deformities of finger
7. What is perforator based flap. Describe one perforator based flap in detail.
8. What is keratinocyte culture. Describe its application in extensive raw area
9. What is meant by healing by second intention. How a keloid forms and how will you manage such case
10. Describe the vascular basis of fasciocutaneous flap and its role in plastic surgery

**Write short notes on:**

1. What are the clinical manifestations of fractures of the maxilla and how do you manage the impacted maxilla with a palatal split
2. Describe any one tendon transfer procedure to correct thumb deformity that ensues from a low median nerve paralysis
3. What are the recommended treatment methods for congenital vaginal agenesis
4. What are the surgical methods used in the treatment of velopharyngeal incompetence following cleft palate surgery
5. Discuss how you would reconstruct a 7 cm loss of soft tissue and bone in the middle third of the leg
6. What are the principles of management of the Pierre-Robin syndrome
7. What are the principles of two-stage flexor tendon reconstruction
8. Describe the vascularised flaps based on the superficial temporal vascular axis and mention their potential usages
9. How do you evaluate and treat a case of "Torticollis" in a 7 year old child
10. What are the steps to be followed in a reduction rhinoplasty for a patient with a large broad nose

**Write short notes on:**

1. Discuss various methods to reconstruct the mandible
2. What is Rhombert's disease. Classify it. Describe the current techniques for correction of facial lip dystrophy
3. Discuss the pros and cons of open and closed rhinoplasty
4. Describe techniques of non surgical facial rejuvenation
5. Write notes on
  - a) prefabricated flaps
  - b) chimeric flaps
  - c) supercharged flaps
6.
  - a) Osteointegrated implants
  - b) Vacuum assisted closure
7. Describe the principals of distraction osteogenesis. What are is applications in plastic surgery
8. Describe various types of tissue expanders. Discuss their use in breast reconstruction
9. Discuss various methods of management of circular defects
10.
  - a) Preoperative versus postoperative radiotherapy for oral cancers
  - b) Role of silicone gel sheet in scar management

Write short notes on:

1. Role of Transforming Growth Factor -  $\beta$  in proliferative scarring.
2. Factors causing impaired wound healing.
3. Vascular basis of fasciocutaneous flaps.
4. Bier's Block and its limitations.
5. Neurotization and nerve conduits.
6. Immunological tolerance.
7. Histological changes after chemical peeling.
8. Inflammatory changes in burn injury.
9. Use of Bio resorbable materials in plastic surgery.
10. Role of Vitamin-C in skin rejuvenation.

Write short notes on:

1. Discuss the pathophysiology of Volkmanns Ischaemic contracture and enumerate the principles of management.
2. Clinical features and the management of the fractured mandibular condyle.
3. Dupuytrens contracture of the palm and its management.
4. Principles and methods of performing a reduction mammoplasty.
5. Alveolar bone grafting in cleft patients.
6. Principles of surgical correction of hypertelorism.
7. Nasal deformity in unilateral cleft lip.
8. Role of topical chemotherapeutic agents in the management of the burn wound.
9. Methods to reconstruct subtotal loss of the nose.
10. Discuss the uses of the Pectoralis Major Flap.



Write short notes on:

1. Discuss the recent advances in skin coverage in burns.
2. Etiology of pressure sores. Discuss role of perforator flaps in management of sacral pressure sores.
3. Describe the principles of tissue expansion. Discuss in brief its various applications in plastic surgery.
4. Techniques for non surgical facial rejuvenation.
5.
  - (a) Cyanoacrylates
  - (b) Follicular hair graft
  - (c) Correction of whistle tip deformity
6. Advantages and disadvantages of single stage repair of hypospadias and describe in brief one repair.
7.
  - (a) Vacuum assisted closure
  - (b) Apoptosis: its importance in plastic surgery.
8.
  - (a) Use of botox in plastic surgery.
  - (b) Soft tissue fillers.
9. Imaging techniques for facial fractures and their advantages/disadvantages.
10. Classification of perforator flap. Describe the anatomy of anterolateral thigh flap.