

PLASTIC SURGERY (FINAL / PART 2)

PAPER- I

Time : 3 hours
Max. Marks : 100

PLS2/D/11/37/I

Attempt all questions in order.
Each question carries 10 marks.

1. Discuss the basic principles of tissue expansion and describe its application in plastic surgery. 4+6
2. Discuss the principles of free tissue transfer. Describe the monitoring of a free flap. 6+4
3. a) Explain the delay Phenomenon. 2+2+4+2
b) What are its pathophysiological features?
c) What are different methods of delay?
d) Discuss its clinical applications?
4. What is Hypertrophic Scar? How do you manage them? 10
5. a) What are principles of Craniofacial Distraction? 5+5
b) Discuss Distraction Osteogenesis in mandibular lengthening.
6. Enumerate the properties of an alloplastic implant. What are different types of Biocompatible implants available? 6+4
7. Discuss the principles of nerve repair. 10
8. Discuss the embryological basis of hypospadias. 10
9. Describe clinical applications, advantages and hazards of various types of laser used in plastic surgery. 10
10. Discuss the normal inflammatory cascade of wound healing and enumerate the factors that contribute to impairment in wound healing. 5+5

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PAPER- II

Time : 3 hours
Max. Marks : 100

PLS2/D/11/37/II

Attempt all questions in order.
Each question carries 10 marks.

1. Describe common syndromes associated with vascular abnormalities. 10
2. What is SMAS? Describe its clinical relevance in facial surgery. 5+5
3. Discuss surgical management of T.M. Joint Ankylosis. 10
4. Describe hair growth cycle and surgical treatment options for Hair restoration. 5+5
5. Describe Cleft lip nose deformity and draw diagrams. 8+2
6. Discuss Clinical presentation, differential diagnosis and treatment of Dupuytren disease. 4+2+4
7. Describe Clinical presentation and management of hydrofluoric acid burns of hand. 5+5
8. Discuss Anterior Lateral Thigh Flap and its application. 5+5
9. Describe Local Flaps for Finger Tip Injury. 10
10. Discuss Etiology and Pathogenesis of Lymphoedema of lower limb. 5+5

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PAPER- III

Time : 3 hours
Max. Marks : 100

PLS2/D/11/37/III

Attempt all questions in order.
Each question carries 10 marks.

1. What are the common donor sites for free autogenous bone graft? Describe the surgical technique of harvesting calvarial bone graft. 4+6
2. Define Limberg's flap and discuss its merits and indications in reconstructions. 4+3+3
3. Define Chordee. Describe various surgical techniques to correct curvature of the penis. 3+7
4. Discuss recent advances in extensive burn wound coverage. 10
5. Enumerate the advantages of Fetal surgery. Describe in brief its technique. 10
6. Discuss the indications and advantages of Endoscopic plastic surgery. 5+5
7. Write short notes on 3+3+4
 - a) Flash Autoclaving
 - b) Cyanoacrylates
 - c) Vacuum Assisted Closure
8. Write short notes on:- 5+5
 - a) Trap Door Scars
 - b) V-M Plasty
9. What is Basal Cell Carcinoma? Discuss its clinical presentation and various modalities of treatment. 3+3+4
10. What are the zones of Flexor Tendon Injury in hand? Discuss the management of Flexor Tendon Injury in Zone II. 5+5
